



Rice is Life

Sustainability
Report 2019



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Charoen Pokphand Group

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Message from the Vice-Chairman International Trade Business Group Charoen Pokphand Group

Today I am very grateful to the organization.
I will tell him what I received from the organization.
How good. I must repay as much as I can to the
best that I can. That is to say, it must be a good
person first. What does a good person interpret?
Diligence, patience, honesty, etc. are the things
that make us behave as good people



Mr. Eam Ngamdarnonk

“

**In order to be grateful, you must start with yourself
as a good person or not. If a good person must be
grateful. If a good person can not be grateful.**

”

Message from the CEO Chief Executive Officer, CP Intertrade Co., Ltd.

Conducting business is similar to helping societies, creating better societies and environment.

Under the Group's "Three- Benefit Principle," which states that the country must benefit, the people must benefit, and the Group should also benefit, we can create a common sustainable growth for all.

"QUALITY PERSON OF THE YEAR 2019"

Foundation of Science and
Technology Council of
Thailand (FSTT)



Mr. Sumeth Laomoraphorn

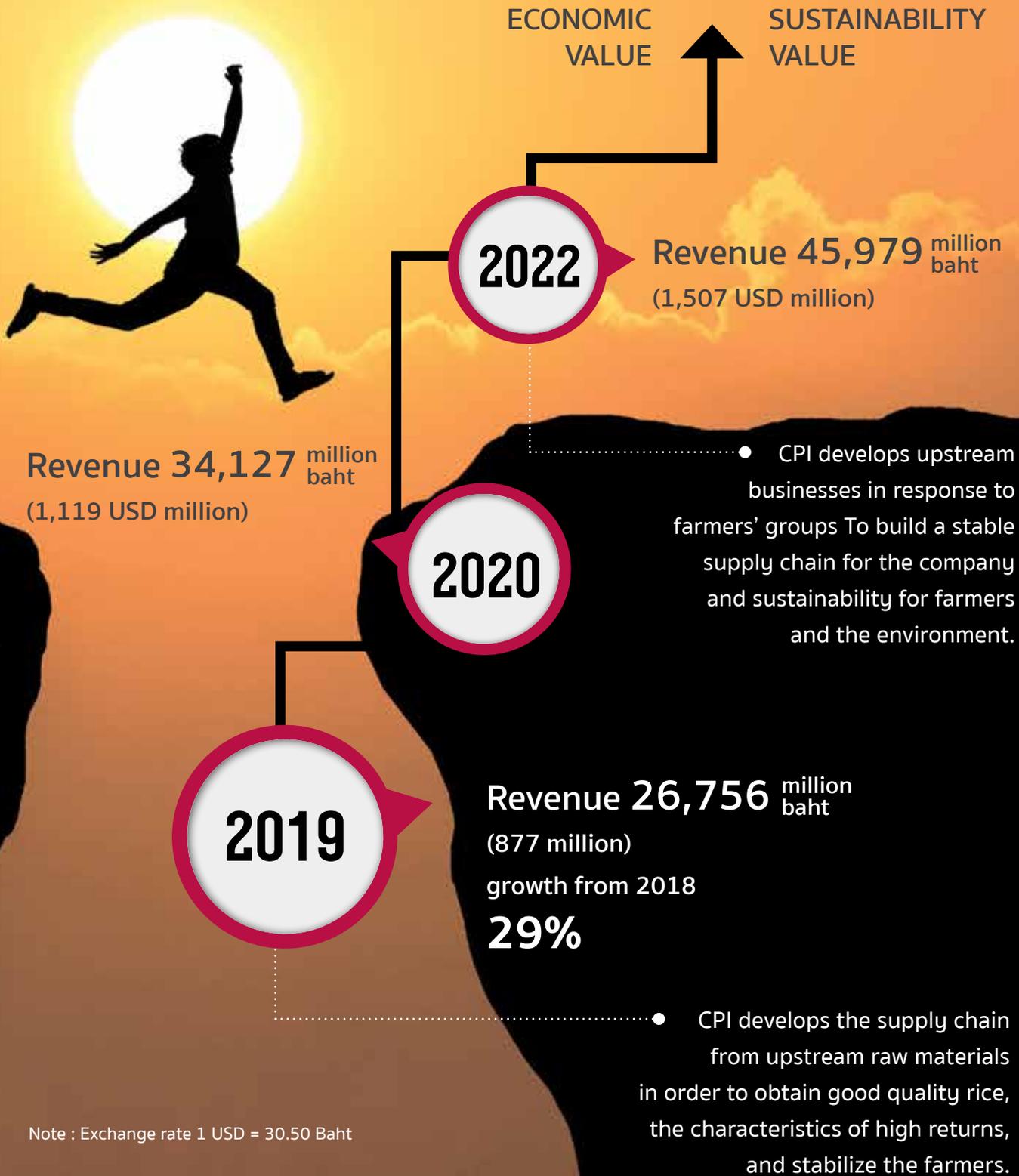
“

Sustainability of the Royal Umbrella rice is to change the rice industry for the better along with creating a happy society and have a better quality of life.

”

Strategic direction

Economic and Sustainability Contribution 2019 Compare target 2022



Note : Exchange rate 1 USD = 30.50 Baht

Vision

The world leader in rice business
Integrated rice, from cultivation to
efficient consumption We practice and
cultivate the concept of hygienic and
sustainable production, a business that
works every day to meet the needs of
consumers around the world.



Mission

CP

Customer & Market Focus

Develop customer groups
both at home and abroad.

People Engagement

Human resource development



RICE

Royal Umbrella

Build brand recognition

Innovation

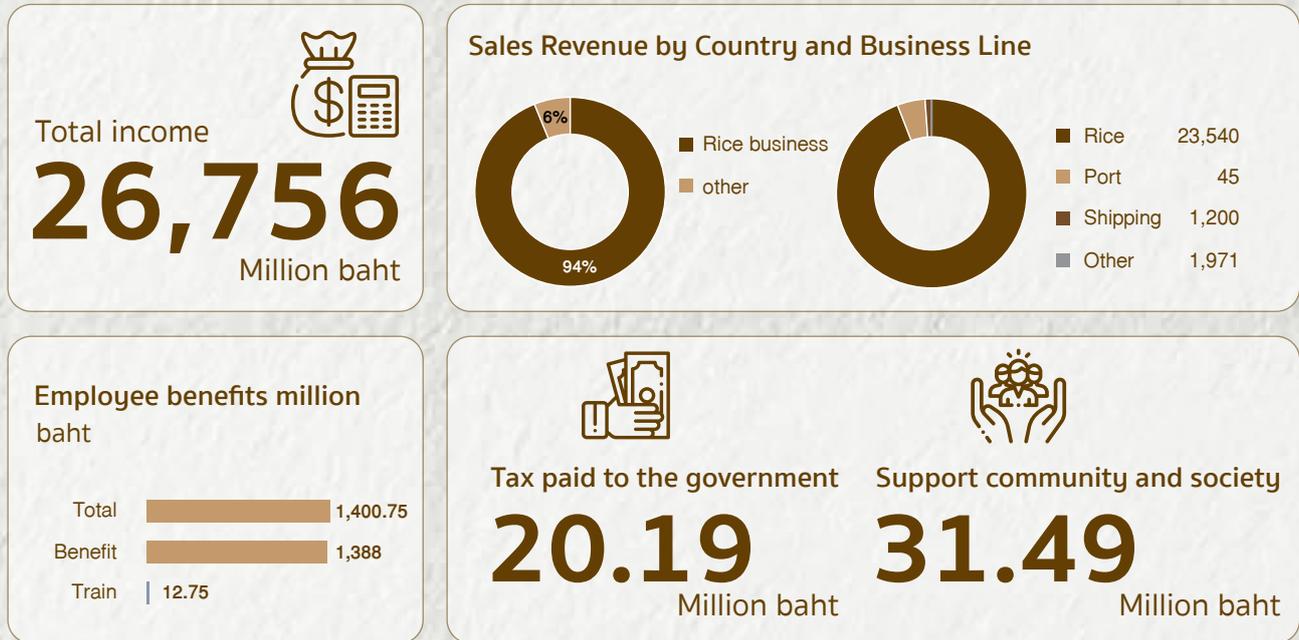
Creating innovative production and products

Community of Business

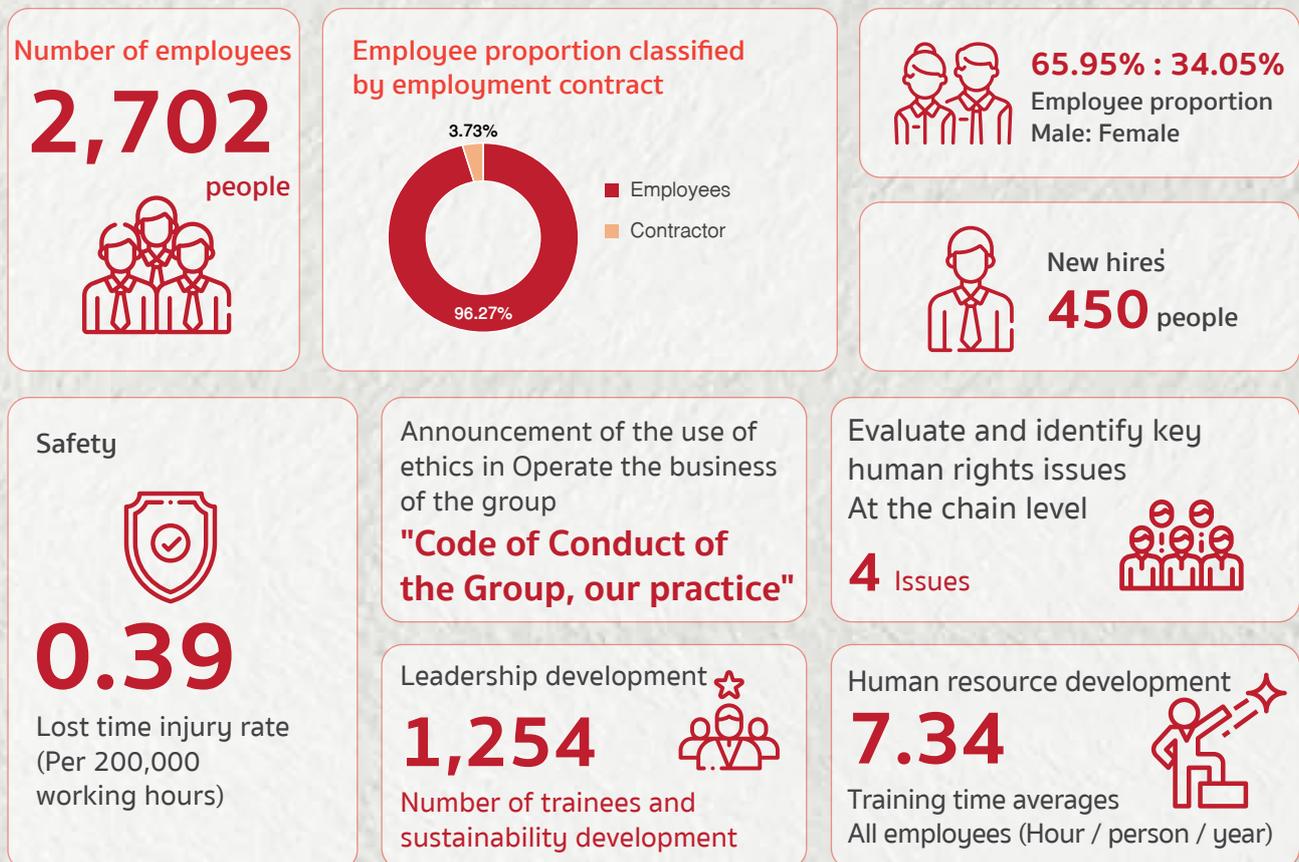
Build business network with community
building strategy

Summary of key performance in 2019

Economic growth



HEART: LIVING RIGHT



HEALTH: LIVING WELL

<p>Support farmers / small entrepreneurs And vulnerable groups</p> <p>12,542 people</p>	 <p>Farmers 10,104 people</p>	 <p>Fragile group 2,438 people</p>
 <p>3 Number of food products with a focus on health, nutrition, health and wellbeing</p>	 <p>Number of personnel Research and development 52 people</p>	 <p>Promoting access to education And knowledge organizatio 15,255 people</p>
<p>Savings from the cost reduction program And increase efficiency. 85.50 Million baht</p>	<p>Number of patents and Petty patents received 2 list</p> 	

HOME: LIVING TOGETHER

<p>Greenhouse gas emissions (Scope 1+2)</p> <p>22,932.85 tons of carbon dioxide Equivalent</p> 	<p>Greenhouse Gas Emission Ratio by Scope</p>  <ul style="list-style-type: none"> SCOPE1 6.44% SCOPE2 93.56% 	<p>Registration of carbon Footprint product</p> <p>3 Product</p> 				
<p>Energy consumption</p> <p>402,061.54 Gigajoule</p> 	<p>Amount of water used</p> <p>187,205.51 Cubic meter</p> 	<p>The amount of waste product</p> <p>689.42 ton</p> 				
<p>Proportion of renewable energy use</p> <p>58.55%</p> 	<p>OPERATIONAL ECO-EFFICIENCY (Unit per income 1 million baht)</p> <table border="0"> <tr> <td>  <p>9.84 Gigajoule Power consumption</p> </td> <td>  <p>0.56 ton CO₂e Greenhouse gas emissions</p> </td> <td>  <p>4.58 Cubic meter Water recovery</p> </td> <td>  <p>0.02 ton Waste quantity</p> </td> </tr> </table>		 <p>9.84 Gigajoule Power consumption</p>	 <p>0.56 ton CO₂e Greenhouse gas emissions</p>	 <p>4.58 Cubic meter Water recovery</p>	 <p>0.02 ton Waste quantity</p>
 <p>9.84 Gigajoule Power consumption</p>	 <p>0.56 ton CO₂e Greenhouse gas emissions</p>	 <p>4.58 Cubic meter Water recovery</p>	 <p>0.02 ton Waste quantity</p>			

Awards and Recognitions



CEO of Royal Umbrella rice received the award

“Quality Person of the Year 2019”

Food and beverage business sector

Mr. Sumeth Laomoraporn, Chief Executive Officer International Trading Business Group Charoen Pokphand Group, CP Intertrade Co., Ltd., CEO of Chat Brand “Quality Person of the Year 2019” Award for Model Person in the Food Business Sector And drinks Received the kindness from Prince Prapaphan (Panupun) Kornkosiyakaj in the honor event “Quality Person of the Year 2019 (QUALITY PERSON OF THE YEAR 2019”



>>>Read more

<https://www.facebook.com/1630332787053073/posts/2606399912779684?sfns=mo>

#รางวัลบุคคลคุณภาพ 2019 #สุเมธเหล่าไมราพร #CPI



C.P. Intertrade Company Limited

Awarded the Asia’s Best Sustainability Report (First Time) Gold level.

Mr. Sumeth Laomoraporn, Chief Executive Officer Trading business group International (Responsible for rice and food business) Charoen Pokphand Group Representing the Gold Level Asia’s Best Sustainability Report (First Time) award from CSR Works International and partner organizations, it is bestowed upon the organization that provides the first sustainability report and demonstrates comprehensive reporting of the issue. All-round important.

The company pays attention to the sustainable development of the organization Continuously in both economic, social and environmental aspects Under the framework of the United Nations SDGs (UN Sustainable Development Goals) to allow all sectors to grow together, resulting in society and the country.



The Asia Sustainability Reporting Awards (ASRA) is renowned and recognized in Asia as an annual award recognizing best practices in reporting and communicating on sustainable development. And is another platform for sustainability. The Asian world is organized by CSRWorks International Pte Ltd and The British High Commissioner.

Economy

1. **Best Exporter Award (Excellent Export Business Operator)** from the Department of Export Promotion Ministry of Commerce.
 - CP Intertrade Company Limited.
2. **Best Thai Rice (Best Thai brand)** from the Department of Export Promotion Ministry of Commerce.
 - CP Intertrade Company Limited.
3. **“Best Rice” or World Best Rice Award** from the World Rice Conference.
 - CP Intertrade Company Limited.

Environment

1. **Thailand Energy Awards 2019 for Outstanding Factory Category and Outstanding Energy Conservation Team** by the Department of Alternative Energy Development and Efficiency.
 - Khao CP Co., Ltd. (Nakhon Luang Rice Plant)
2. **ASEAN Energy Awards 2019: Winner for Energy Conservation in the Special Submission Industry Category**
 - Khao CP Co., Ltd. (Nakhon Luang Rice Plant)
3. **3Rs Award for the development of waste utilization potential in 2019** from the Department of Industrial Works
 - Khao CP Co., Ltd. (Suphanburi Rice Mill)
4. **Project to create a database to share resources (RECP) and upgrade industrial plants in eco-industrial cities.** From the Director-General of the Department of Industrial Works
 - Khao CP Co., Ltd.

Sustainability

1. **Asia’s Best Sustainability Report (First Time) Award, Gold Level** from CSR Works International and partner organizations This was given to the organization that produced the sustainability report for the first time and demonstrated a comprehensive reporting of key issues.
2. **CSR-DIW Continuous Award 2019** by the Department of Industrial Works Ministry of Industry.
 - Khao CP Co., Ltd. (Wang Daeng Rice Factory)
 - Khao CP Co., Ltd. (Nakhon Luang Rice Factory)
 - Khao CP Co., Ltd. (Buriram Rice Mill)
 - Khao CP Co., Ltd. (Kamphaeng Phet rice mill)
 - Khao CP Co., Ltd. (Suphanburi Rice Mill)

Social

1. **Quality Person of The Year 2019 Award**, the model person in the food business sector, in the awarding of Quality Person of the Year 2019.
 - Sumeth Laomoraporn, Chief Business Officer International trade Charoen Pokphand Group C.P. Intertrade Co., Ltd.
2. **Outstanding Model Establishment Award for Occupational Safety, Health and Work Environment 2019** by the Department of Labor Protection and Welfare Ministry of Labor.
 - Khao CP Co., Ltd. (Nakhon Luang Rice Factory)
 - Khao CP Co., Ltd. (Wang Daeng Rice Factory)
 - Khao CP Co., Ltd. (Suphanburi Rice Mill)
3. **Announcement of Accident Reduction Campaign Activity From the Zero Accident Campaign 2019** at the beginning level By the Institute for the Promotion of Safety, Occupational Health and Condition Working environment (Public Organization)
 - Khao CP Co., Ltd. (Kamphaeng Phet rice mill)
4. **The announcement of the honor of managing safety, occupational health and work environment in the workplace, gold level.**
 - Khao CP Co., Ltd. (Suphanburi Rice Mill)



International Standard

Labor Practice

1. Labor Practice Standards

- **TLS 8001 Thai Labor Standards System Excellent Establishment Award for Labor Relations and Labor Welfare by the Department of Labor Protection and Welfare Ministry of Labor**
 - Khao CP Co., Ltd.(Wang Daeng Rice Factory)
 - Khao CP Co., Ltd. (Nakhon Luang Rice Factory)
 - Khao CP Co., Ltd. (Buriram Rice Mill)
 - Khao CP Co., Ltd. (Kamphaeng Phet rice mill)
 - Khao CP Co., Ltd. (Suphanburi Rice Mill)

2. Labor Practice Standards (Sedex, BSCI)

- Khao CP Co., Ltd.(Wang Daeng Rice Factory)
- Khao CP Co., Ltd. (Nakhon Luang Rice Factory)

Safety, Occupational Health and Environment

Management system

- Environmental management system standard ISO 14001:2015 : Bureau Veritas Thailand
- Green Industry From the green industry project Ministry of Industry

Product safety

Authorized Economic Operator (AEOs) export standards, certified by the customs of each country that it complies with WCO or other equivalent standards for supply chain security.

Quality & Product Responsibility

- BRC (British Retail Consortium) : SGS (Thailand)
- ISO9001: 2015 standard by the holistic management (Multisite) in Thailand from Bureau Veritas Thailand and foreign regions from SGS (Thailand).
- GMP (Good Manufacturing Practice) standard from SGS (Thailand)
- HACCP Standard (Hazard Analysis Critical Control Point) from SGS (Thailand)
- FDA standards from the Food and Drug Administration

Sustainability

- Carbon Reduction Label
- Corporate Social Responsibility Standards (CSR-DIW), Department of Industrial Works Ministry of Industry
- “Enhancing Capacities of Thai Exporters and Supply Chains on Social Performance for European Market” From the Ministry of Commerce
- Unilever Sustainability Agriculture Code
- KCP Sustainability Agriculture
- Organic / Organic Thai rice



SIX CORE VALUES

CP Intertrade Co., Ltd. and Affiliated companies has nurtured relationships built on trust with stakeholders all around the world. We are committed to improving the quality of life for people living in every country in which we operate, supporting the growth of their economies, and the sustainability of their natural resources.

Our global operations and our approach to business are deeply rooted in the Six Core Values, which provide a solid foundation on which the Group can grow. They have been an intrinsic part of how we conduct business since our foundation and they have helped us to advance and grow our business sustainably with integrity.



Three Benefits

CP Intertrade Co., Ltd. and Affiliated companies has always operated our business by adhering to the Three-Benefit Principle. This states that our business should benefit not just our Company and our employees but also the communities we engage with and the countries we operate in.

Since our Company's foundation, this principle has guided how we have grown and also ensured that our operations both in Thailand and around the world benefit not just our business but society as a whole.

Speed with Quality

Modern businesses must be fastmoving, without compromising on quality. They must be able to adapt to new circumstances, adopt the latest technologies, respond to changing consumer tastes and preferences, all the while responding to evolving regulatory systems.

As a result, CP Intertrade Co., Ltd. and Affiliated companies places great importance on the efficiency and effectiveness of our business and of our employees.

Simplification

CP Intertrade Co., Ltd. and Affiliated companies holds investments in 2 countries and economies worldwide, operating through employing over 2,500 people.

We are therefore committed to implementing technology and innovation to streamline our systems and operations across the entire Business Group, which leads to improved efficiency and greater effectiveness.

Accept Change

Global businesses face circumstances that change daily, from political events and environmental issues through to consumer needs and technological development.

Our key strategy is to embrace change. This allows us to manage our response to evolving circumstances across all our markets. To ensure this, we encourage all our employees to stay informed about new opportunities so that we can deliver more to our customers

Innovate

Innovation is the force that drives every aspect of a business from process through to products. Businesses must constantly innovate to keep pace with a rapidly changing world.

We actively encourage innovation in our employees and our goal is to foster innovation across all our businesses to enable us to deliver the best products and services to our customers.

Integrity

Since the day we were founded, we have operated our business with integrity, and this applies to every action we take, whether large or small.

Even as we expand into new industries, integrity remains key pillars of our philosophy. We firmly believe that a business that focuses solely on enriching itself without regard to these values will ultimately erode the trust of all its stakeholders, and will not be able to operate in the long term.

Business base of CP Intertrade Co., Ltd. and Affiliated companies



6
Factory



2
Research Center



2,702
Total Employee



102
Trading Country



4,400
Population in the supply chain

THAILAND



Factory of the International Trading Business Group (In the country)

1. Nakhonluang Factory (Phranakornsriyutthaya Province)
2. Wangdaeng Factory (Phranakornsriyutthaya Province)
3. Buriram Factory (Buriram Province)
4. Suphanburi Factory (Suphanburi Province)
5. Kamphaengphet Factory (Kamphaengphet Province)



Factory of the International Trading Business Group (Foreign countries)

6. APSARA Rice (Cambodia)

International Trading Business Group Charoen Pokphand Group



Main Company

C.P. Intertrade Co., Ltd.	Thailand
C.P. Food Store Co., Ltd.	Thailand
Khao C.P. Co., Ltd.	Thailand
Ayutthaya Port & ICD Co., Ltd.	Thailand
Dynamic Transport Co., Ltd.	Thailand
Dynamic Intertransport Co., Ltd.	Thailand
APSARA RICE (Cambodia) Co., Ltd.	Cambodia

Main Business

Headed by C.P. Intertrade Co., Ltd., the International Trading Business Group comprises 2 main businesses, including rice and food, and integrated logistics. The first business focuses on rice integration, covering from rice cultivation, rice mills, rice processing plants, to rice manufacturing plants for domestic and international trading under the brand “**Royal Umbrella.**” Other businesses include crop and general food export, domestic and international logistics services, and ship transport services of goods in containers.

Business Opportunities and Challenges

Economic Dimension

- Governance and Business Ethics
- Customer Relationship Management
- Health & Well-Being
- Supply Chain Management
- Risk Management

Social Dimension

- Human Rights
- Occupational Health and Safety
- Logistics Management
- Social Impact on Community
- Human Capital Development
- Talent Attraction and Retention

Environmental Dimension

- Operational Eco-Efficiency
- Packaging
- Raw Material Sourcing
- Fuel Efficiency



MILESTONES OF CPTG GROUP:



1979

C.P. Intertrade Co.,Ltd. , established in 1979 as a company promoted by the board of investment of Thailand. C.P. Intertrade (CPI) have traded in all categories of products, from basic agricultural and industrial raw materials to high value add foodstuffs.

1990

- The business operated by the company the rice business under the brand of “Royal Umbrella”. It is the product of the company whose quality is improved and is sold in more than 100 countries around the world under

1999

Establishment of a quality rice processing plant Pathum Thani plant

2002

Initiate and develop the development of rice quality processing factory (the Wang Daeng factory) With modern production technology

- Dynamic Intertransport Co., Ltd. are a highly professional transport architect with comprehensive and worldwide services which enables us to fulfill our clients' ever growing and changing logistic needs.



2004

Start basic policies related to sustainability such as Occupational health and safety policies environment policy, energy management policy, labor policy, etc.

2007

Expanded into a rice mill business by acquiring 3 rice mill businesses, namely Kamphaeng Phet Rice Mill, Suphan Buri Rice Mill And Buriram rice mill



2012

Began the Nakhon Luang Rice Project, which comprised the largest and most modern rice quality improving facility in the world, and became a distribution port.



2015

- Apara Rice (Cambodia) Co.,Ltd. is register in Cambodia and is operated by C.P. Intertrade Co.,Ltd., and the Charoen Pokphand (C.P) Group. C.P. Intertrade Co.,Ltd. ,s experience and world-class facilities make it the world's Number 1 Thai Jasmine rice exporter, Using C.P modern technologies, international standards of quality control, and research and development, C.P is proud to introduce our unparalleled ROYAL MONGKUT rice

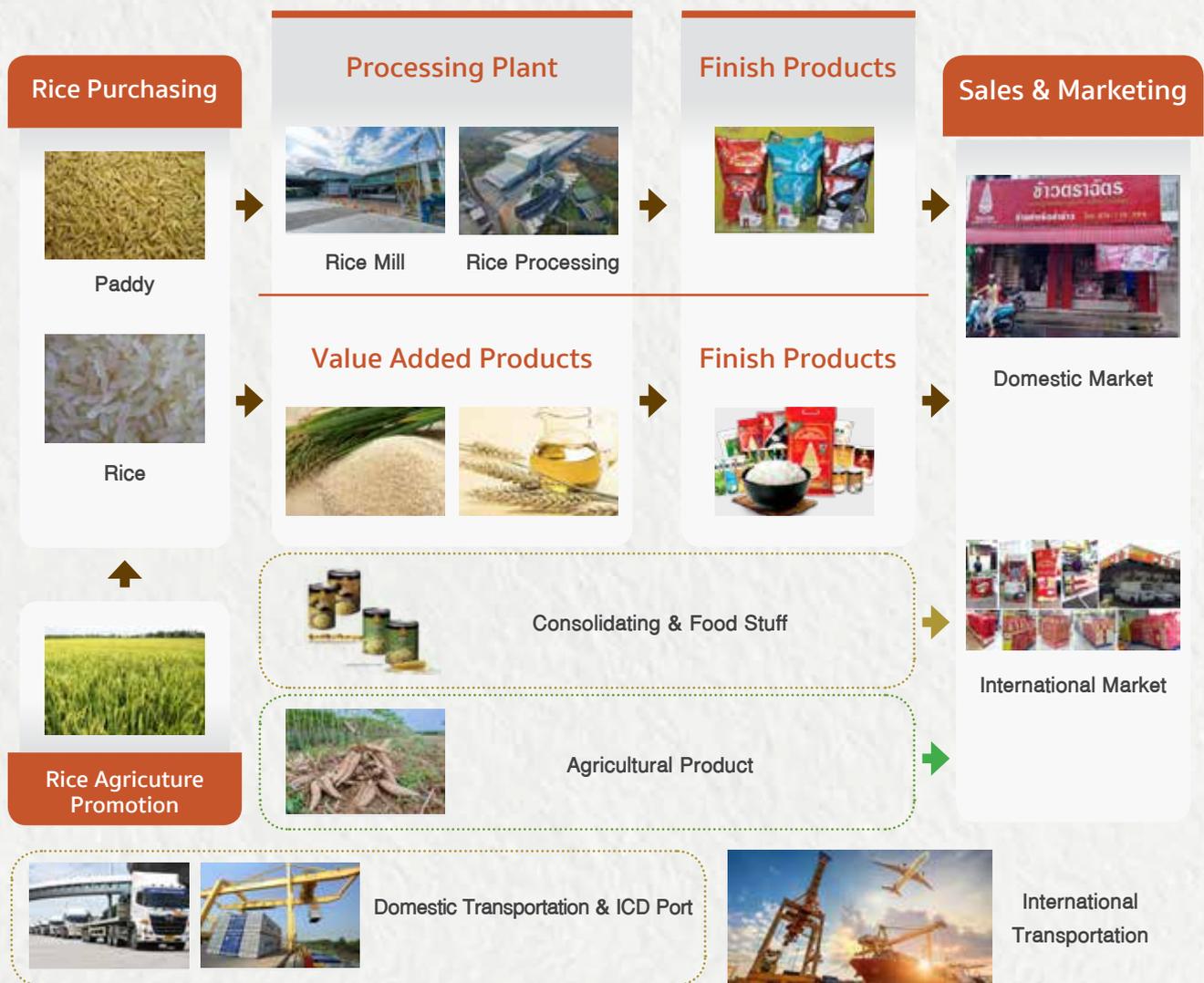
- Initiate sustainability policies and sustainability goals covering economics, society, environment

2018

Join international organizations such as UNGC and SRP, moving sustainability operations.

Supply chain of CP Intertrade Co., Ltd. and companies in the international business group

International Trading Business Group



SUSTAINABILITY MANAGEMENT

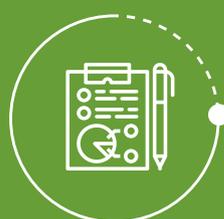




Sustainability
Strategy



Sustainability
Governance



Materiality
Assessment



About this
Report

In addition to delivering value through quality products and services that meet the expectations of customers and consumers, C.P. Intertrade Co., Ltd., the International Trading Business Group C.P. Group believes that for a business to operate in a sustainable manner, it must be based upon social and environmental responsibility in accordance with the principle of Sufficiency Economy. This is illustrated through our Three-Benefit Principle, which aims to create benefits for the country, the people, and the company. We also apply the C.P. Excellence Management Approach to our business operations to consistently develop the Group's human resources.

Furthermore, the International Trading Business Group C.P. Group is committed to operating our businesses in a sustainable manner beyond compliance of rules and regulations, and standards of the countries in which we operate. This is achieved by complying with international sustainability guidelines, such as The Sustainability Rice Platform(SRP), the UN Global Compact, UN Guiding Principles on Business and Human Rights (UNGP), and UN Sustainable Development Goals (SDGs).



C.P. Group abides by the 'Three-Benefit Principle', which aims to create benefits for the country, the people and the Group itself, within the framework of the C.P. Excellence Management System. To that end, we are committed to operating sustainably based on good governance and accountability, in accordance with the rules, regulations and standards of each country in which we operate.

Three Benefits

Sufficiency Economy	C.P. Excellence Principles	The 10 UNGC Principles 17 UN SDGs & UNGP	C.P. Excellence Principles
Heart (Living Right)	Health (Living Well)	Home (Living Together)	
Corporate Governance	Social Impact	Climate Change Management	
Human Rights & Labor Practices	Health & Well Being	Water Stewardship	
Leadership & Human Capital Development	Education	Ecosystem & Biodiversity Protection	
Stakeholder Engagement	Innovation	Responsible Supply Chain Management	



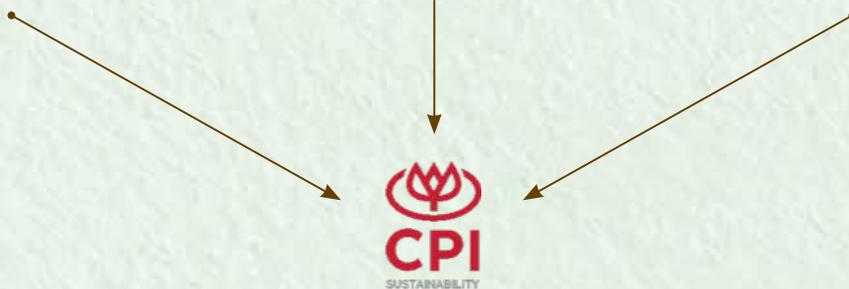
Sustainability Consumption



Sustainability Production



Sustainability Innovation



SUSTAINABILITY STRATEGY

In 2016, C.P. Group and C.P. Intertrade Co., Ltd., the International Trading Business Group developed the Sustainability Strategy and the 2020 Goals under the 3Hs Framework, which includes HEART - Commitment to Sustainable Business, HEALTH - Commitment to Sustainable Society, and HOME - Commitment to Sustainable Environment. The Sustainability Strategy is based on the 4 elements which are reflected from the “**Three-Benefit Principle**,” the core of our businesses and our sustainability foundation. The Principle aims to create benefits toward the country, the people, and the company.

The first element is Sufficiency Economy which can be integrated into our whole supply chain. It emphasizes that businesses must acknowledge and understand their own competency, and operate adequately and sufficiently.

The second element is the C.P. Excellence Management Approach which aims at transitioning the organization through internal synergy between business, people, and mind.

The third element refers to international guidelines related to sustainable business operations, including UN Global Compact, UN Guiding Principles on Business and Human Rights (UNGP), and UN Sustainable Development Goals (SDGs). C.P Group is committed to operating in accordance with such international guidelines, and supporting all of the 17 SDGs. The last element is rules and regulations, and standards of the countries in which we operate. Strict compliance with such rules and regulations, and standards are fundamental to our businesses.

More importantly, the Group focuses on operating our businesses based on good governance, transparency, accountability, and social and environmental responsibility, which is demonstrated throughout our operations. The goal is for long-term sustainability, and the highest benefits for all stakeholders.



STRATEGIC FRAMEWORK

Material Issue	2020 Goal
Corporate Governance	100% of businesses within CPTG publicly disclose their corporate governance and sustainability performance through the Group's Report.
Human Rights and Labor Practices	100% of businesses within CPTG conducts human rights due diligence.
Leadership & Human Capital Development	All leaders and employees are provided with the training necessary to create business sustainability.
Education	30,000 children, youth, and adults will be provided with access to education and necessary skills development by 2020.
Social Impact	Improve employment prospects and quality of life for 5,000 farmers, SMEs, and vulnerable groups.
Health & Well-Being	30% of new products will help promote health and well-being.
Stakeholder Engagement	100% of Business Line within CPTG will develop a stakeholder engagement process.
Innovation	Increase value of product and process innovation by 50%, compared to the 2016 baseline.
Climate Change Management	Reduce greenhouse gas emissions (Scopes 1 and 2) per unit of revenue by 10% by 2020, compared to the 2015 baseline
Water Stewardship	Reduce water withdrawal per unit of revenue by 10%, compared to the 2015 baseline.
Ecosystem & Biodiversity Protection	100% of key raw materials comes from responsible sources without contributing to the depletion of forests and marine resources.
Responsible Supply Chain Management	100% of critical suppliers has been assessed for sustainability.

Management Framework				SDGs	
Corporate Governance	Risk Management	Compliance Management	Anti-Corruption	 	
Human Rights	Labor Practices	Safety, occupational health and working environment	Automotive management	  	
Leadership Development	Human Capital Development	Talent Attraction and Retention	Information security	  	
Access to Quality Education	Access to Knowledge			  	
Local Community Development	Inclusive Businesses	Supporting Vulnerable Groups	Community Investments and Contributions	   	
Food Security	Health & Nutrition	Product Safety and Quality	Product Labelling	 	
Stakeholder Engagement				 	
Research and Development	Open Innovation	Product and Service Innovation	Process Innovation	  	
Greenhouse Gas (GHG) Emissions Reduction	Energy Management and Efficiency	Renewable Energy	Climate-Smart Agriculture	   	
Water-Related Risks	Water Efficiency Water Recycling and Circular Water Management	Water Quality		  	
Ecosystem & Biodiversity Impact Prevention	Raw Material Sourcing and Traceability	Ecosystem Protection and Restoration		  	
Ethical Supplier, Code of Conduct Standards	Sustainable Supply Chain Management	Supplier Capacity Building		  	

Performance Results of the 12 Sustainability Goals 2020

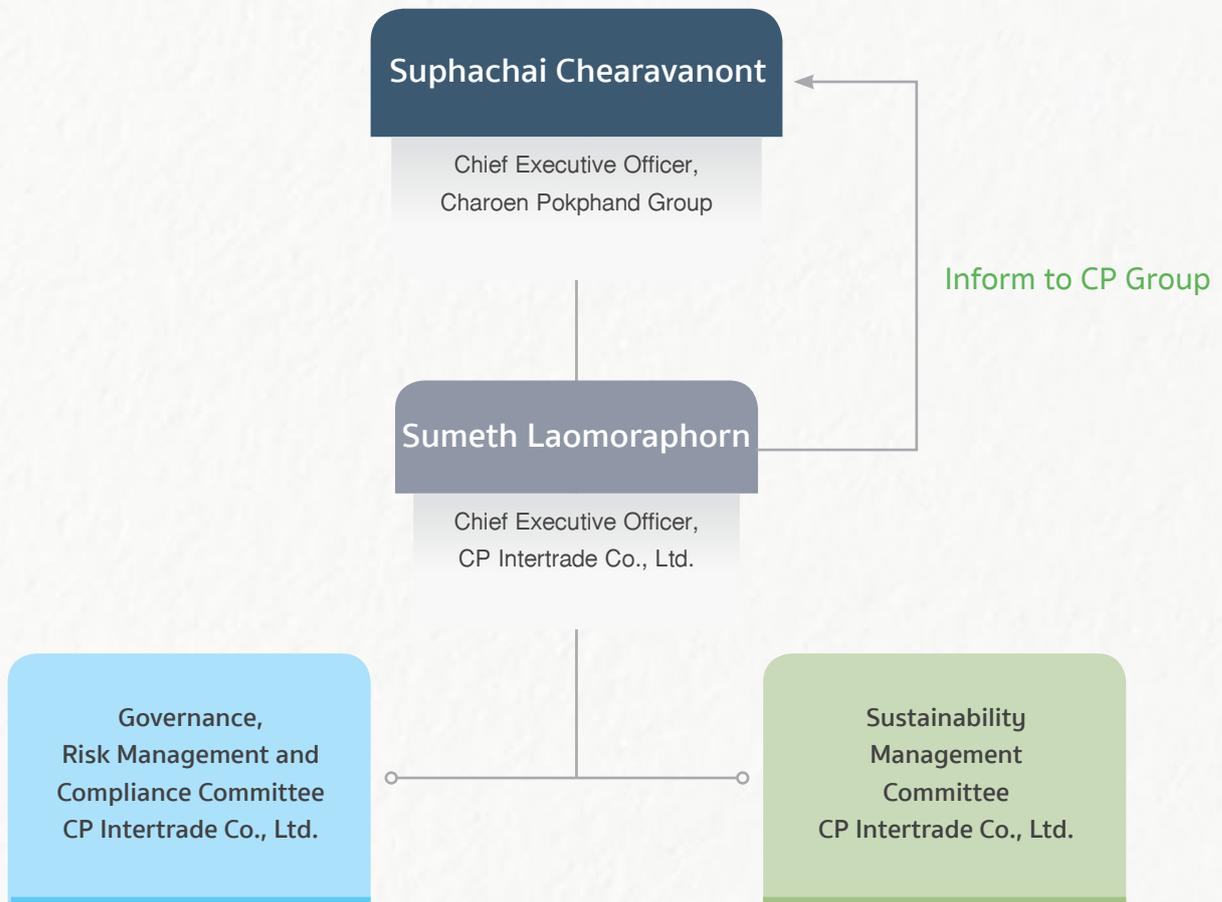


<p>Corporate Governance</p> <p>100%</p> <p>100% of businesses within CPTG publicly discloses their corporate governance and sustainability performance through the Group's Report.</p>	<p>Social Impact</p> <p>100%</p> <p>Improved employment prospects and quality of life for 12,542 farmers and vulnerable groups from a target of 10,000.</p>	<p>Climate Change Management</p> <p>100%</p> <p>Amount of greenhouse gas emissions per revenue decreased by 22.22% from a target of 10% in base year 2015.</p>
<p>Human Rights and Labor Practices</p> <p>100%</p> <p>100% of businesses within CPTG conducts human rights due diligence.</p>	<p>Health & Well-Being</p> <p>100%</p> <p>37.5% from a target of 30% of new products developed will help promote health and well-being.</p>	<p>Water Stewardship</p> <p>100%</p> <p>Volume of water withdrawal per revenue decreased by as much as 15.09% from a target of 10% in base year 2015.</p>
<p>Leadership & Human Capital Development</p> <p>100%</p> <p>All leaders and employees are provided with the training necessary to create business sustainability.</p>	<p>Stakeholder Engagement</p> <p>100%</p> <p>100% of Business Line within CPTG will develop a stakeholder engagement process.</p>	<p>Ecosystem & Biodiversity Protection</p> <p>100%</p> <p>100% of key raw materials have been sourced responsibly and are traceable.</p>
<p>Education</p> <p>51%</p> <p>15,337 children, youths, and adults will gain access to education and necessary skills development by 2020, out of a target of 30,000.</p>	<p>Innovation</p> <p>10%</p> <p>Value of product and process innovation selected from the C.P. Innovation Exposition increased to 2.96 million THB, from a base year value of 20 million THB</p>	<p>Responsible Supply Chain Management</p> <p>100%</p> <p>487 key suppliers have been assessed on their sustainability performance, either through self-assessment or audits.</p>

SUSTAINABILITY MANAGEMENT PLAN

DETAIL	Build	Integrate		Scale	
	2016	2017	2018	2019	2020
Sustainability Strategy					
• CPTG Group Sustainability Strategy and 2020 Goals	█				
• CPTG Group Sustainability Strategy and 2025 and 2030 Goals					█
Sustainability Strategy Performance					
• CPTG Group Main Businesses in Thailand	█	█	█	█	█
• CPTG Group Main Businesses in Thailand and Overseas		█	█	█	█
Sustainability Reporting					
Reporting Boundary					
• CPTG Group Main Businesses in Thailand	█				
• CPTG Group Main Businesses in Thailand and Overseas		█	█	█	█
Report					
• GRI G4 (Core Option)	█				
• GRI Standards (Core Option)		█	█	█	█
UN Global Compact Communication On Progress					
• GC Active COPs	█				
• GC Advanced COPs		█	█	█	█
3rd-Party Assurance Boundary					
• Thailand	█	█	█	█	
• Thailand and Overseas					█
Data Verified by 3rd-Party Assurer					
Water Withdrawal (GRI 303-1)	█	█	█	█	█
• Indirect GHG Emissions (Scope 2) (GRI 305-2)	█	█	█	█	█
• Direct GHG Emissions (Scope1) (GRI 305-1)	█	█	█	█	█
• Occupational Health and Safety (GRI 403-2)	█	█	█	█	█
• Energy Consumption (GRI 302-1)	█	█	█	█	█
• Waste (GRI 306-2)	█	█	█	█	█

SUSTAINABILITY GOVERNANCE



Roles and responsibilities

- Consider and scrutinize policies and guidelines for governance, risk management and compliance with the rules of business group
- Establish strategies and guidelines for the management of governance, risk and compliance with business group rules. They can assess, monitor and control the risks to an appropriate level.
- Supporting the working group on personnel, budget, necessary resources in line with their responsibilities.
- Report to the Corporate Governance Committee.
- Risk monitoring and compliance with the rules of business regularly about the risk management of the business group Including things that need to be improved to comply with the established policies and strategies

Roles and responsibilities

- Participate in determining directions, making decisions, giving information, opinions and suggestions and coordinate with those involved in the business group In the process of developing sustainability strategy
- Collaborate with the Sustainability Management, Governance and Corporate Communications Office Charoen Pokphand Group In bringing the strategy to practice, monitoring and measuring performance And prepare the annual sustainability report of the Charoen Pokphand Group
- Jointly report ideas, operational guidelines, and the performance of the Charoen Pokphand Group.

Materiality Assessment Process

The objective of this Sustainability Report 2019 is to disclose C.P. Intertrade Co., Ltd., the International Trading Business Group C.P. Group's performance across economic, social and environmental dimensions in relation to issues that are material to our business and stakeholders. The Group takes into account material sustainability issues from internal and external factors in accordance with the Global Reporting Initiatives (GRI) and its 4 principles which include Sustainability Context, Materiality, Completeness and Stakeholder Inclusiveness. Our Materiality Assessment was conducted through the following 4 steps adapted from the GRI Standards:

<p>Identification</p>	<p>Identify sustainability issues that are relevant to our business by taking into consideration the scope expansion of this Report to our global operations across different industries relevant to ours. The Identification process went through different stages as shown below.</p> <ul style="list-style-type: none"> • Reviewing C.P. Intertrade Co., Ltd., the International Trading Business Group and C.P. Group's 2016 and 2017 key material issues; • Benchmarking material issues with peers that are involved in the same industries with the Group's 8 Business Lines; • Analyzing global sustainability standards including: The United Nations Global Compact (UN Global Compact) - Advanced level; UN Sustainable Development Goals (SDGs) • Identifying our material sustainability issues from the previous stages, our business direction, and internal discussion within the Sustainability Committee and Governance Risk and Compliance (GRC) Committee.
<p>Prioritization</p>	<p>Prioritized our material issues that were identified in Step 1 by our internal and external stakeholders. The Prioritization process went through different stages as shown below.</p> <ul style="list-style-type: none"> • Conducting the online Materiality Prioritization Survey to seek opinions and views from executives across all Operation,Business Groups and representatives from various stakeholder groups; • Consolidating the results of materiality assessment in 2018 from our subsidiaries and integrating them into the result of the online Survey; 2.3 Assigning weighting of our Business lines and Our Company in accordance with their revenue; • Calculating scores of the material issues prioritized according to importance to business and stakeholders; • Formulating Materiality Matrix
<p>Validation</p>	<p>Validated sustainability reporting process in line with the GRI Standards, and its 4 principles. The Validation process went through different stages as shown below. Interviewing external stakeholders with regard to material issues of the Group, feedback and opinion to improve our sustainability reporting process; Considering and approving the prioritized materiality issues by executives Verifying and assuring the accuracy and completeness of our sustainability reporting process by an independent third party.</p>
<p>Continuous Improvement</p>	<p>C.P. Intertrade Co., Ltd., the International Trading Business Group C.P. Group is open to feedback and suggestions from all, to continuously improve our future Sustainability Reports to meet the expectations of all stakeholders, through various communication channels</p>

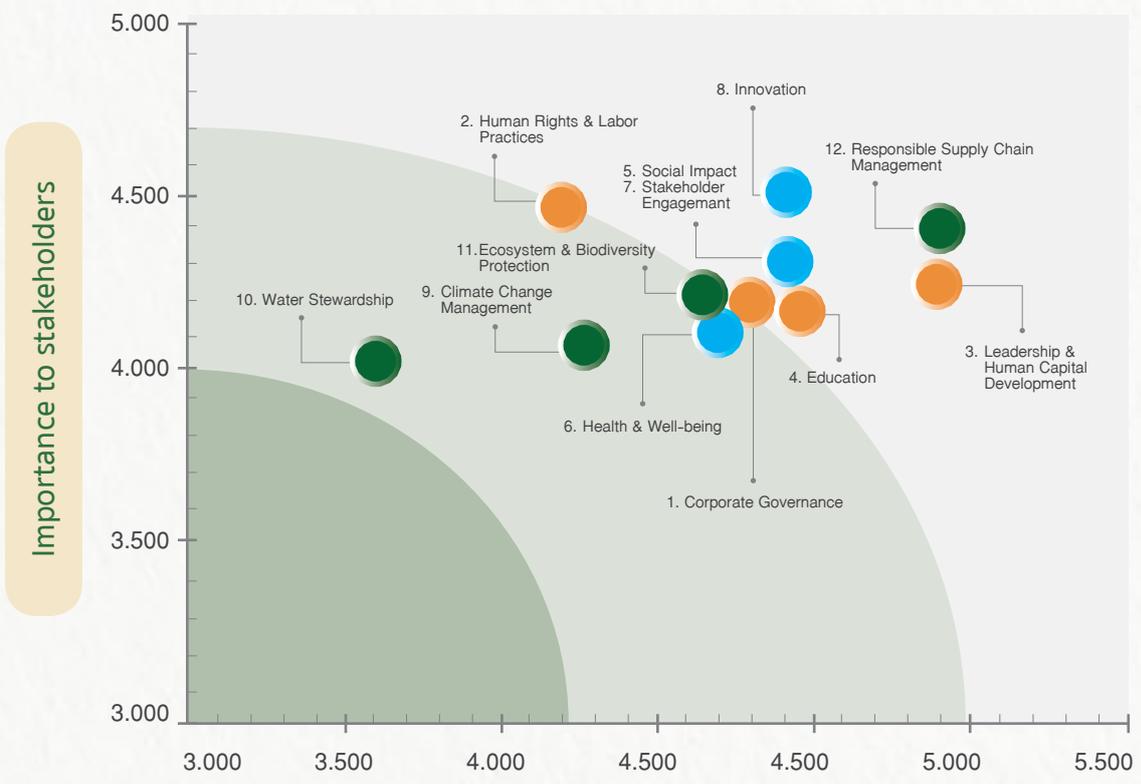
Material Issues and Topics relevant to Our Business Lines

Material Issue	Topic	Business Line						
		Rice Business	Domestic Trading	International Trading	Domestic Logistic	Port	Cambodia Rice	Rice Processing
Corporate Governance	Governance and Business Ethics	●	●	●	●	●	●	●
	Compliance Management	●	●	●	●	●	●	●
	Risk and Crisis Management	●	●	●	●	●	●	●
Human Rights and Labor Practices	Labor Practices and Human Rights	●	●	●	●	●	●	●
	Safety, occupational health and working environment	●	●	●	●	●	●	●
Leadership & Human Capital Development	Human Resource Management	●	●	●	●	●	●	●
Education	Access to Quality Education	●	●	●	●	●	●	●
Social Impact	Corporate Citizenship and Philanthropy (excluding education activities)	●	●	●	●	●	●	●
	Social Impacts from Operations, Products, and Services	●	●	●	●	●	●	●
Health & Well-Being	Health and Well-being	●	●	●	●	●	●	●
Stakeholder Engagement	Stakeholder Engagement	●	●	●	●	●	●	●
Innovation	Innovation Management	●	●	●	●	●	●	●
Climate Change Management	Climate Change Impact	●	●	●	●	●	●	●
	Effluent and Waste Management	●	●	●	●	●	●	●
	Energy Management	●	●	●	●	●	●	●
Water Stewardship	Water Management	●	●	●	●	●	●	●
Ecosystem & Biodiversity Protection	Raw Material Sourcing / Biodiversity and Ecosystems	●	●	●	●	●	●	●
	Packaging	●	●	●	●	●	●	●
Responsible Supply Chain Management	Responsible Supply Chain Management	●	●	●	●	●	●	●

- No Impact
- High impact
- Little impact
- Very high impact
- Middle Impact

Materiality Assessment Results of CPTG Group

Matrix by 12 Issues



Importance to business

 <p>HEART Living Right</p>	<ul style="list-style-type: none"> 1. Corporate Governance 2. Human Rights and Labor Practices 3. Leadership & Human Capital Development 4. Education
 <p>HEALTH Living Well</p>	<ul style="list-style-type: none"> 5. Social Impact 6. Health & Well-Being 7. Stakeholder Engagement 8. Innovation
 <p>HOME Living Together</p>	<ul style="list-style-type: none"> 9. Climate Change Management 10. Water Stewardship 11. Ecosystem & Biodiversity Protection 12. Responsible Supply Chain Management

ABOUT THIS REPORT

Sustainability Reporting	Objective of this Report	Reporting Scope
<p>C.P. Intertrade Co., Ltd., the International Trading Business Group, C.P. Group has published our Sustainability Report for the Second Sustainability Report 2019 which was published in Nov 2020. The Sustainability Report will be published annually.</p>	<p>The objective of this report is to communicate the C.P. Intertrade Co., Ltd., the International Trading Business Group, C.P. Group's commitments to driving our business toward economic, social and environmental sustainability.</p>	<p>This report discloses overall performances of our 7 Business Lines domestically and internationally, from 1st January to 31st December 2019.</p>
Reporting Framework	Third-party Assurance	Communication On Progress (CoP)
<p>This report has been prepared in accordance with the GRI Standards: Core option.</p>	<p>Accuracy and completeness of our data in this Sustainability Report was verified by TÜV NORD (Thailand) Ltd., a reliable and internationally recognized independent assurer. Data validated include GRI 303-1, GRI 305-1, GRI 305-2 and GRI 403-2. (Details can be found on page 151-154)</p>	<p>Communication on Progress to the United Nations Global Compact (UN Global Compact) has been reported consecutively since 2019. In 2019, the Group enhanced our transparency by committing to the 21 Principles of the UN Global Compact at the Advanced level</p>
UN Sustainable	Reporting Boundary	Contact Us
<p>Development Goals (SDGs) The C.P. Intertrade Co., Ltd. and the International Trading Business Group, C.P. Group is committed to consistently operating our business in accordance with the 17 Sustainable Development Goals (SDGs). (Details can be found on page 150)</p>	<p>Human resources data cover 100% of The C.P. Intertrade Co., Ltd., the International Trading Business Group, C.P. Group Data on energy, water, waste, air quality, and occupational health and safety cover 6 operation across all business line under C.P. Intertrade Co., Ltd., the International Trading Business Group, C.P. Group.</p>	<p>For more information of this Sustainability Report, please contact: Corporate Sustainability Office, AIA Capital Center Building, 28th floor. 89 AIA Capital Center, 28th Floor Ratchadapisek Road, Din Daeng, Bangkok 10400 Tel: +66 (0) 2646 - 7200 Email: Sadudee.sup@cpintertrade.com Website: https://www.khaotrachai.com/</p>



HEART 



Corporate governance is an important foundation for achieving sustainable growth in a business. C.P. Intertrade Co., Ltd., the International Trading Business Group C.P. Group has implemented a corporate governance system to promote and ensure compliance in the following areas: Corporate Governance Principles, Business Code of Conduct, policies and ethical best practices, and Supplier Code of Conduct, all of which are related to laws, social norms, and corporate regulations. the entire value chain. These principles also respect human rights and labor practices within

our organization. We also focus on human capital and leadership development, as well as stakeholder engagement to promote efficiency within our organization. Such activities are crucial to our success and for continually building the level of trust in C.P. Intertrade Co., Ltd., the International Trading Business Group C.P. Group. consisted of,

- 1) Corporate Governance
- 2) Human Rights and Labor Practices
- 3) Leadership and Human Capital Development
- 4) Education

Corporate Governance





The challenge

The company believes that good corporate governance It is an important factor for C.P. Intertrade and companies in the International trade Charoen Pokphand Group to enhance competitiveness and lead the company to sustainable growth.

It also adds value to trading partners and stakeholders in the long term. Demonstrate the presence of an efficient, transparent, verifiable management system that builds trust among stakeholders in the value chain. All of this requires commitment and cooperation from employees at all levels, with the board and senior management encouraging them. To support the implementation of corporate governance practices The first challenge of the company is to create understanding And communicate to all employees 100% to see the importance of Good corporate governance Leading to the creation of a culture Responsible business operation and practice are based on Same norm.

Target for 2020

100% of CP Intertrade company Limited and group companies International trade business performance results in governance and sustainability are disclosed through the Group's report

Key Operating Results in 2019



Governance of all companies

In the business group Performance on governance and sustainability is disclosed through the Charoen Pokphand Group reporting.



Compliance with rules and regulations

Anti-corruption of all companies in the business group

Results of 2019 compared to target

	2017	2018	2019	Target for 2020
Number of business	2	7	7	7
Number of companies	2	7	7	7



Thiti Lujintanon
Chief Operating Officer
(International trade business)

“ International trade group especially CP Intertrade get involved with local and foreign stakeholders that CPI has operated and involved from upstream to downstream which entering business in every the procedure has to be subject to action and enforcement in terms of governance. Risk management compliance with social rules or international or domestic law. This is a story that has been implanted in business from the beginning. ”

Corporate governance

Management guidelines

C.P. Intertrade Co., Ltd. and companies in the international business group Charoen Pokphand Group believes that governance Good business, risk management and compliance with relevant regulations and laws (Governance, Risk Management and Compliance — GRC) GRC is the cornerstone of the organization’s sustainable success and confidence in management and stakeholders.

With organizational governance structure Policy communication to effective monitoring of performance reports and risk issues, systematically linking information of the entire organization, with the management and the board being the key drivers for good corporate governance. And be a good role model for employee .The practice guidelines are consistent with the corporate values on morality And honesty, the company has announced policies and guidelines to raise awareness of everyone in the organization, adhere to the same practice to create a corporate culture with the following policies

1. Governance and Compliance
2. Human Rights Policy and Labor Practices
3. Policy on Safety, Occupational Health and Work Environment
4. Responsible Supply Chain Management Policy

In addition, the company Has assigned the Human Resources Department to organize courses and activities. To employees in order to create understanding about business ethics leading to practice in order to lead the organization to grow together with sustainability This has been done in 2 parts: for executives to staff level employees who have email and can access the internet. To study online through e-Learning system and take online test.And for employees who do not have email and cannot get online, the Human Resources Department will conduct classroom training. To educate employees and conduct business ethics testing In 2019, executives and employees passed the training and business ethics test 100%

Number of executives and employees who have received training and have passed the business ethics test.



Business ethics

Management guidelines

C.P. Intertrade Co., Ltd. and companies in the international business group Charoen Pokphand Group Have confidence that the supervision of business ethics is Standards of good conduct It is established for everyone, including directors, executives and employees to take action to prevent any misbehavior or degradation. And reflect the needs of the company C.P. Intertrade Limited and companies in the international trade business group Charoen Pokphand Group wants directors and personnel to comply with laws and regulations according to the policy.

Governance Department Of the business group It is the responsibility of promoting, enforcing and monitoring, overseeing and reviewing the Business Ethics in a timely manner, however, it is the responsibility of all directors and personnel to jointly make the Code of Conduct not only a document but must It is applied to work in everyday life.

In 2018, the Code of Business Conduct was announced. Which covers policies and guidelines There are four important areas of practice which are morality, quality of personnel, assets which reflect the standard of practice in accordance with the corporate values of morality and integrity. Good values lead to transparent practices throughout the company.



Policy and Code of Conduct

Moral	Quality	Personnel	Asset
<ul style="list-style-type: none"> Policies and guidelines Anti corruption 	<ul style="list-style-type: none"> Policies and guidelines Sustainability Code of Conduct for Business Partners Policies and guidelines Supply chain management 	<ul style="list-style-type: none"> Policies and guidelines Human rights and Labor practices Policies and guidelines of Data protection Personalization and privacy Policies and guidelines On safety, occupational health and working environment 	<ul style="list-style-type: none"> Policies and guidelines Information management

2018

Learn and take quizzes both through the system and classroom.



2019

Learn and Take a test through the system



2020

Focus on building understanding for new employees'



Governance Management

Background

To provide the management and business operation of international trade groups Charoen Pokphand Group complies with the law, rules and regulations both inside and outside the organization and the code of ethics of the business group. Rules within business license terms Contracts, standards and best practices .Which the business group The Group accepts and complies with the so-called rules. This will result in the business group to achieve the goals set and earn the trust and trust from various stakeholders, as it is the duty of all directors, executives and employees to perform.



Practice

This starts with the management of awareness of the importance and encourages and supports the learning and implementation of rules and regulations. Laws and regulations go the same way. The company has effective public relations communication through all channels to employees. Everyone, all levels Employees have a duty to understand, acknowledge and recognize the importance of policy compliance. This will enable effective management with a complete reporting system to create an ethical, transparent and verifiable corporate culture.



Case Study# 1

Online Governance Tests

Project background

Due to the international trade business group Charoen Pokphand Group Implement the policy on good governance according to the policy guidelines. The same because the network has many employees both within Domestic and foreign. In order to communicate with employees of all levels, awareness and acknowledgment, it must be done online in order to reach employees by requiring all employees in all companies of the business group. Charoen Pokphand Group must learn and take an assessment test. In terms of governance to be 100% at all levels

Operation

It will provide employees at all levels to the assessment and testing system Online governance with its own code, within the system there is a learning model for each aspect of governance, such as virtue, quality, personnel and assets. Allow employees to do Study for understanding first, after that employees will have to complete a 100% test to qualify for the required criteria.

Risk Management

Management guidelines

The International Trade Business Group is committed to adhering to the principles of corporate governance, and part of the corporate governance principle is to implement corporate risk management methods in the business group. International trade This is for:

Allowing the international trading business group to achieve the goals set

Increase awareness of the risks involved in business operations.

Ensure that the Executive Committee of the Company has the duty to plan Company strategy, including creating value and controlling results Entrepreneurship of the organization

Promote corporate responsibility towards society

Protect the interests of all parties involved.

Ensuring that the processes and controls of management are appropriate and adequate.

Ensuring that the processes and controls of management are appropriate and adequate.

Continuously develop and protect the organization from potential threats.

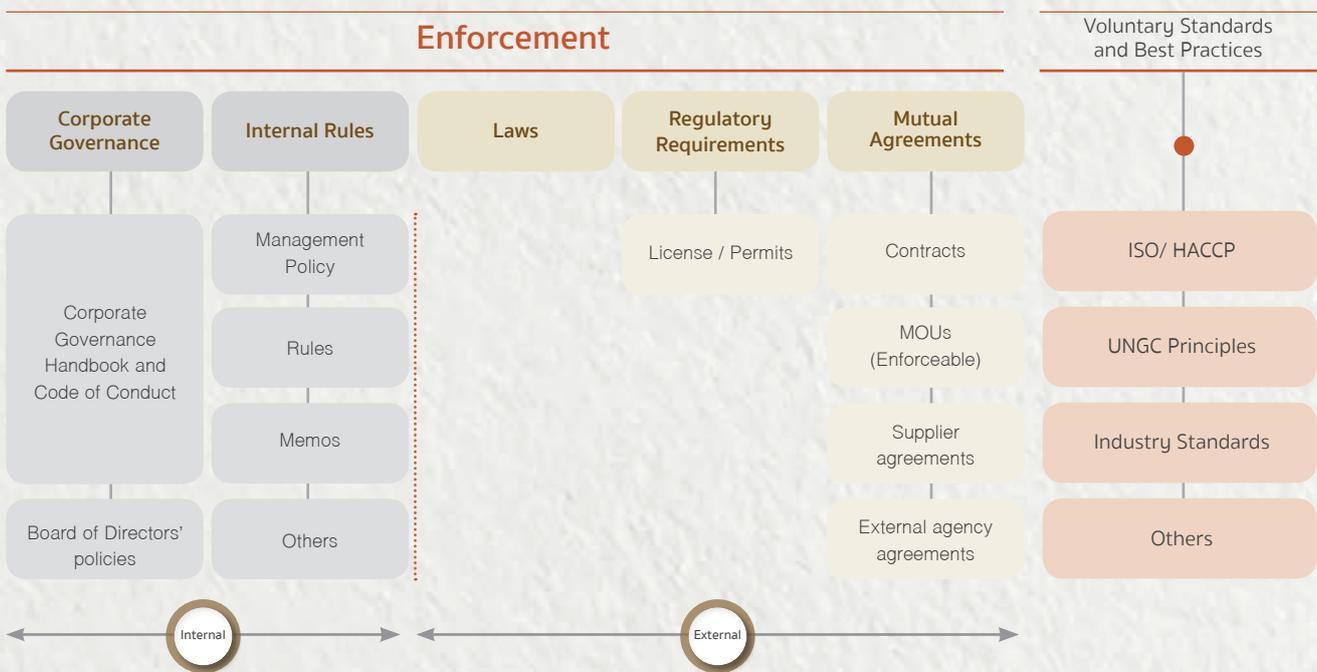
The International Trade Business Group knows that risk exists in all activities of its operations and can occur in any business environment in which the International Trade Business Group operates.

The International Trade Business Group realizes the essential principles that form the process of effective organizational risk management as a key standard in business administration, therefore, developing and improving existing management is an essential part of the Governance principle.

Compliance Management System

Management guidelines

Rules of action



Receiving complaints and reporting

CP Intertrade Co., Ltd. and companies in the international trade business group promote fair, transparent and inspected operations. In this regard, the company provides a channel for whistleblowing or complaint when encountering inappropriate behavior or contrary to the Code of Conduct, as well as listening to suggestions from employees in 5 channels: email, letter, phone number, website, and online media. Of the company

Case Study#2

Compliance audit

Project background

International Trading Business Group Charoen Pokphand Group is committed to providing the business operations of the Group. Comply with rules which means laws, regulations, rules, both internal and external Code of Business Conduct of the Group Internal regulations, business license conditions, standard contracts. And best practices accepted under the Group Policy Announcement on “**Compliance Governance Regulations of Charoen Pokphand Group of Companies**” No. Jor. Por. 001/2562 dated January 15, 2019 for directors to Executives and employees of the company have guidelines for supervising the company’s compliance with the rules. Can apply this guideline To be adapted to suit the business context. And internal management processes of each company to be consistent This will affect the management and business operation of the international trade business group. Charoen Pokphand Group In accordance with the goals set And gain the trust and trust from various stakeholders.

Practice

Conduct audits for compliance with rules and regulations of various agencies In the international trade business according to the round Determine and provide suggestions for improvement and corrections are followed up and reported to management.

Anti-Corruption

Management guidelines

CP Intertrade Company Limited and companies in the trading business group Internationally, it is committed to conducting business with transparency and Against all forms of corruption in work Follow the code of conduct However, company directors, executives and employees will not commit or accept any form of corruption under any circumstances. Established guidelines Operational measures and roles of responsibility. And to regularly verify and review the implementation of this anti-corruption policy in order to Corresponds to changes in business, regulations and applicable laws. Which is one of the company's most popular words In addition, in order to completely prevent fraud. The company has promulgated the Code of Conduct for business partners including suppliers, partners, procurement companies. Distributors and subcontractors must strictly adhere to the anti-corruption practices It is strictly communicated and specified as the terms of the business contract.

Guideline

1. In implementing this policy, use the guidelines set forth by the Company in the Corporate Governance and Ethics Handbook, as well as the relevant regulations and operating manuals of the Company.
2. In operating with high risk of corruption. The Company requires company directors, executives and employees to perform the following duties with care, namely:
 - Neutrality and political assistance
 - Charitable donations and grants
 - Giving Gifts, Entertainment and Other Expenses



National Anti-Corruption Day 2019

C.P. Intertrade Co., Ltd. and the International Trading Business Group ,C.P. Group provide protection for any whistleblower and complainant, ensure fairness and protection of employees or any other persons to give evidence of corruption within C.P. Intertrade Co., Ltd. and the International Trading Business Group ,C.P. Group, as well as the staff who is denying corruption allegations. These C.P. Group (Charoen Pokphand Group) measures protect the whistleblower and/or whoever cooperates in reporting corruption, as defined in the Whistleblowing Policy and Practices.C.P. Intertrade Co., Ltd. and the International Trading Business Group ,C.P. Group have a training curriculum with modern and relevant content for directors, executives, and personnel to gain knowledge and a better understanding of the importance of anti-corruption in order to achieve sustainable growth.



Case Study#3

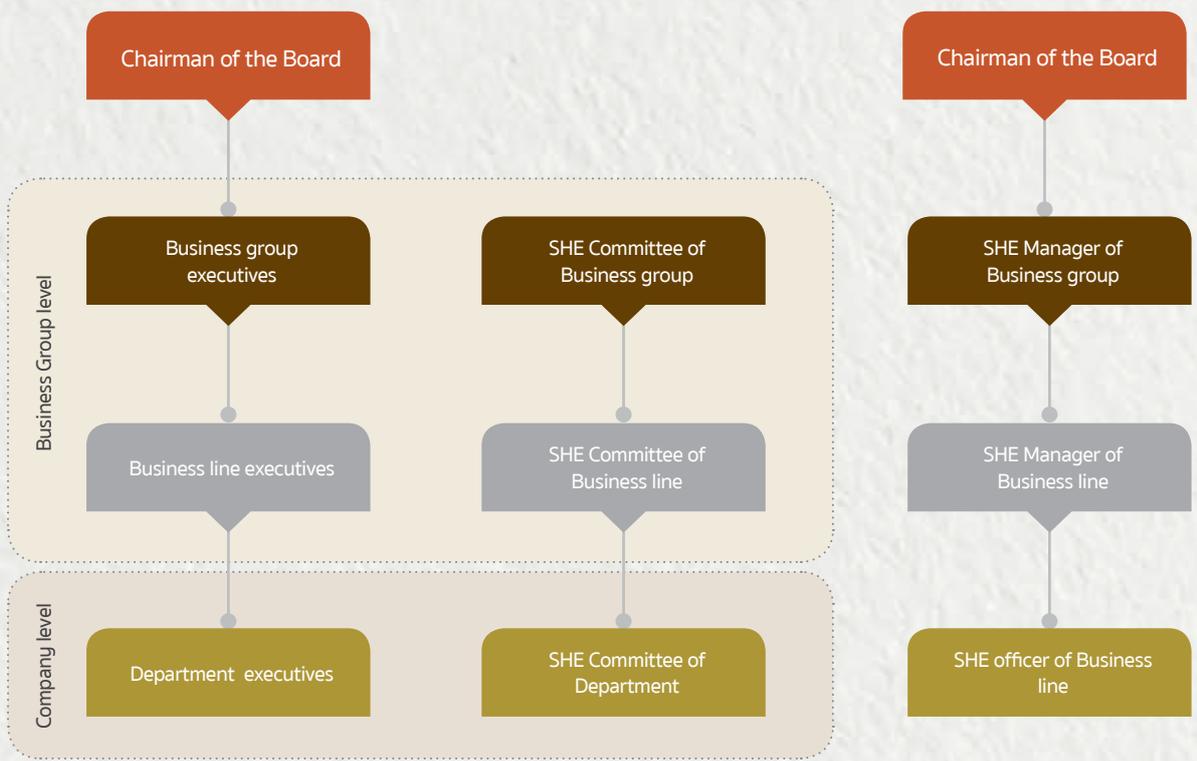
SHE Management System

Management standard system safety aspect occupational health and environment of the international trade business group Charoen Pokphand Group within the framework of safety policy occupational health and environment of the international trade group Charoen Pokphand Group (SHE Policy). Has set a safety management standard occupational health and environment (SHE Management Standards) to regulate agencies under the CPI to act which this management standard represents.

- Management that takes into account the safety risks, occupational health and environment.
- CPI expectations for safety management Occupational health and environment.
- Criteria for driving improvements in safety performance. Occupational health and environment and advance operations in line with the world's leading industries.

With the safety, occupational health and environment management structure as shown in the diagram.

Safety, occupational health and environment management structure



SHE management standards are prepared within the framework of a management system that drives the organization to apply the standard. SHE management has continuously improved and developed SHE operational effectiveness divided into 4 main topics. Total 15 standards.

The application of SHE management standards is to establish a management system that is the basis of governance. SHE's operational effectiveness to prepare for, respond and address any new business risk factors or risks in the future, such as requirements. SHE of customers and SHE standards at the international level, etc. It will benefit the organization and lead to sustainable business operations.

HUMAN RIGHTS AND LABOR PRACTICES





The challenge

CP Intertrade company and the company in the trading business group International Charoen Pokphand Group Committed to promoting rights Basic human By respecting local law, culture Traditions and values of treating employees and those affected by the Company's business operations, including avoiding involvement in human rights abuses.

Major challenges for CP Intertrade Co., Ltd. and companies in the international trade business group Charoen Pokphand Group It is the expectations and requirements of customers and stakeholders, in a variety of perspectives and practices, as well as human rights risks in the business supply chain. Rice and food that need to be evaluated all around.

Target for 2020

100% of CP Intertrade Company Limited and international trade group companies have important human rights assessments.

Key Operating Results in 2019



All departments
Assessing human rights impacts



Labor Practices
2,607 people
Number of employees who have passed "business ethics" training



Policy announcement
Human rights and labor practices
At the business group level
"Business ethics"

Results of 2019 compared to target ▼

	2017	2018	2019	Target for 2020
Number of business lines that have human rights risk assessments	2	7	7	7
Number of companies with human rights risk assessments	2	7	7	7

Human Right

Management guidelines

CP Rice Co., Ltd. and companies in the international business group Charoen Pokphand Group conducts business by adhering to the philosophy of 3 benefits (benefits to the country, people and companies) and operates fairly, taking people as a valuable resource of the organization. Therefore, the company provides opportunities for everyone to show their talents, open up on opportunities for progress, create equality of everyone in every country where the company has invested, and develop everyone's knowledge and skills to work. Respect rights and duties and respect each other. Be grateful to your own boss and subordinates to create value for everyone in the organization.

With the company becoming a global organization and a part of the global community, it is of great importance. In order to uphold the philosophy and good practice in the field of personnel care within the organization, as well as strive to expand the scope of work in respect of human rights. The dignity and equality of everyone, including customers, partners and everyone in the supply chain. In accordance with international guidelines including the United Nations Universal Declaration of Human Rights (UDHR) .And the Declaration on Principles and rights Declaration on the Principles and Fundamental Rights at Work of the Labor Organization International (International Labor Organization (ILO)) to practice in order to prevent the violation or impact on human rights. Both in community and social organizations As a result of the business operation, the policy was established. Human rights And practice Labor as follows

- Set human rights and practice and labor goals. So that every department in the company can be used to follow up and report results.
- Communicate concepts and objectives to build knowledge and understanding to executives and employees in the organization. Including business partners throughout the supply chain and all related parties to acknowledge
- By listening to issues from stakeholders To identify, plan and implement measures to prevent or mitigate impacts both inside and outside the organization, strictly adhering to international principles and local laws .
- There are reasonable remedial measures. It also protects the right ial measures. It also protects the rights of those who complain in good faith.



Key Human Rights Performance

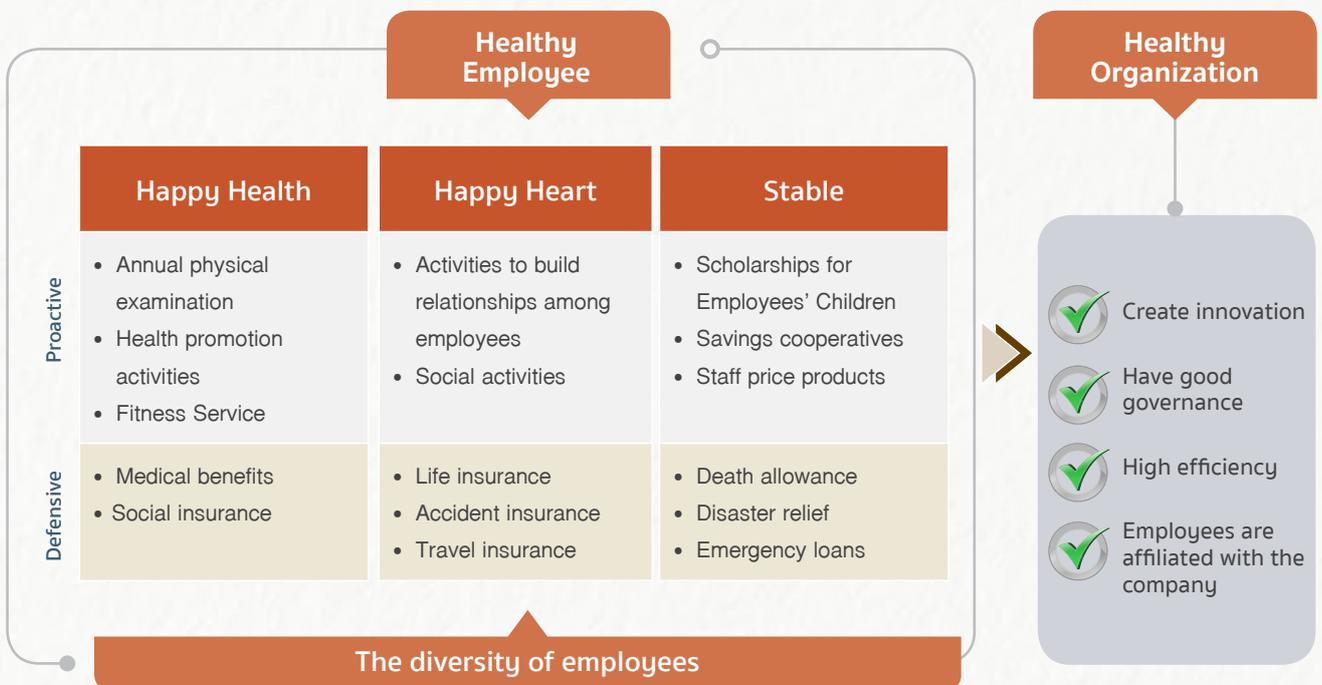
Salient Issues	Action	Outcome
Occupational Health and Safety	<ul style="list-style-type: none"> Occupational Health and Safety Policy Zero Accident Target Safety assessment project of business group level Automotive management 	<ul style="list-style-type: none"> Management staffs and employees of every organization are aware of the importance and contributions to efforts on safety Reduced the number of fork lift accidents in pilot unit from a frequency of 1.54 to 0.39
Forced Labor and Foreign workers	<ul style="list-style-type: none"> Human rights policy Employment and Labor Management Operate according to labor standards to provide workers with equal protection Assessment of compliance with labor laws, certified by Thai Labor Standards Responsible supply chain management policy and encouraging key business partners to self-assess their sustainability 	<ul style="list-style-type: none"> Conducted trainings to increase knowledge and support critical suppliers' sustainability self-assessment Oversaw migrant workers' welfare, health, and living conditions, including promoting their knowledge and capabilities
Discrimination	<ul style="list-style-type: none"> Code of Conduct Training to educate employees about rights, equality and coexistence practices 	<ul style="list-style-type: none"> Communicated through an e-learning system to every employee in all business groups to raise awareness and verify Employed 20 people with disabilities in the business group
Environmental Impacts	<ul style="list-style-type: none"> Policy and Target on Environmental Management Environmental Plan Raising awareness And environmental knowledge Surveys to identify community opinion and concerns 	<ul style="list-style-type: none"> Performed according to policy and standards Developed action plans to respond to community concerns

Labor practice

Promoting equal opportunities, individual diversity and well-being

CP Intertrade Company Limited and companies in the international trade business group Charoen Pokphand Group values and recognizes the differences of fellow employees without discriminating against employees from different cultures and backgrounds. It also encourages employees to have full responsibility for their duties, satisfaction and morale, enhancing work efficiency. Leading to career growth All of this will help drive new innovations and result in more efficient decision-making in the organization. This is an opportunity for organizations and employees to grow together sustainably with the following guidelines

- Use language or expressions that are gender neutral in the preparation of documents.
- Apply workplace rules and procedures that provide non-discriminatory protection for all employees
- It does not prevent a diverse group of people from suggesting work ideas for different perspectives.
- There are communication channels that allow employees to express opinions or make complaints when they are discriminated against.



Employee care

“Personnel” is an important factor in driving the business. CP Intertrade Co., Ltd. and companies in the international trading business group, Charoen Pokphand Group, therefore emphasize on the management of “good people, smart people” through the recruitment process and Effective selection with The system of continuous improvement supports learning all around. Increase and enhance knowledge and skills all the time. The company provides a platform to show potential Provides opportunities for growth, advancement and engagement. (Engagement) with employees at all levels, including the introduction of technology IT enters performance and improves employee productivity, starting with exploring training courses tailored to job titles and training needs. Prepare training plans, have a system to record training history.

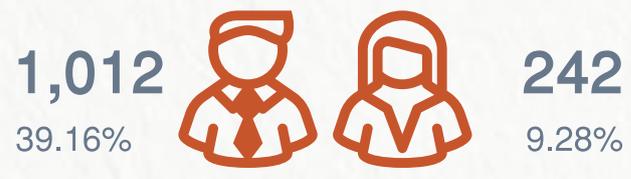
In addition, employees of all genders and ages and nationalities have equal opportunities for career growth and continuous development. As of 2019 training data, the company has the average training time for all employees at 7.34 hours per person per year (GRI 404-1).

TRAINING AND DEVELOPMENT OF EMPLOYEES

Average Training Hours for Employees by Gender (hour per person per year)

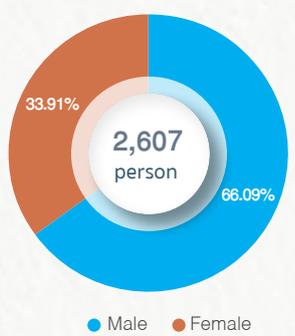


Average Sustainability Training Hours for Employees by Gender (hour per person per year)

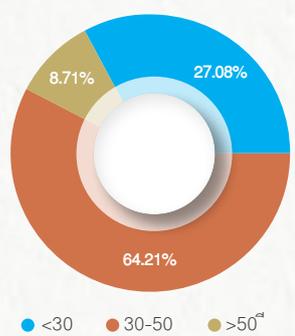


Employee Data in 2019

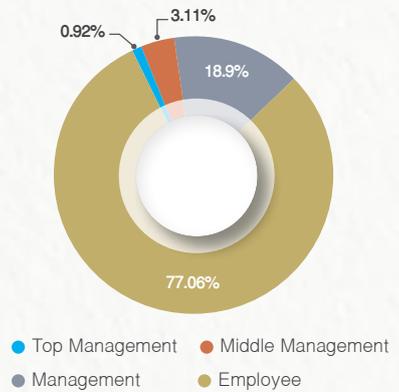
Workforce by Gender (%)



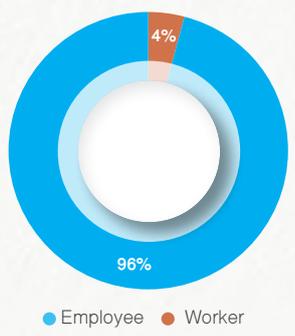
Workforce by Age (%)



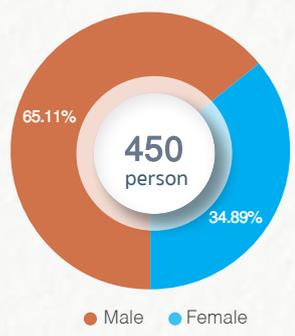
Workforce by Level (%)



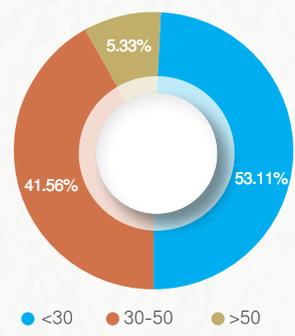
Workforce by Employment Contract (%)



New Employee Hires by Gender (%)



New Employee Hires by Age (%)



Management of safety, occupational health and working environment

Promoting equal opportunities, personal diversity and being

C.P. Intertrade Co., Ltd. and companies in the international business group Charoen Pokphand Group focuses on and prioritizes work safety by adhering to the care of employees, contractors, visitors. As well as stakeholders in the business as well as the supply chain, the Company has established a policy of safety, occupational health and work environment as a guideline and enhance the safety operations of the organization with guidelines for Do as follows:

1. Comply with laws related to safety, occupational health and work environment at the national, local level, customer and agency requirements and comply with international standards.
2. The Company pays attention to the prevention of occupational injuries and illnesses. The Company assesses the risks of occupational hazards and takes steps to ensure that the risk prevention and remediation systems are implemented effectively.
3. Provide advice and focus on participation of employees and related parties in the area of safety, occupational health. And working environment, as well as developing knowledge, creating awareness that will lead to practice until it is a safety culture
4. Support the resources involved in the implementation of the safety, occupational health system. And working environment with adequate and appropriate
5. Follow up, review and evaluate the implementation of the safety, occupational health and work environment policies and plans, continually improving and sustainable development.



Legal compliance

The basis for business conduct is the complete legal compliance. Whether it is national law Local level And international standards In addition, the company Has operated business And exporting products to all over the world, therefore, it is important to comply with the requirements of customers in each country. In compliance with the law, there will be a safety department conducting a conformity assessment. And continuously follow the safety law every month and reported to top management on a quarterly basis.

Hazard identification and risk assessment

The company has risk assessments in all activities. The risks of both routine and non-routine work are covered by the Job Safety Analysis (JSA) tool. The risk management measures are then defined as well as a surveillance, prevention, monitoring and communication plan. Assess risks, formulate a risk management plan, and communicate them to employees prior to their work, and allow employees to stop working if they are assessed as dangerous.

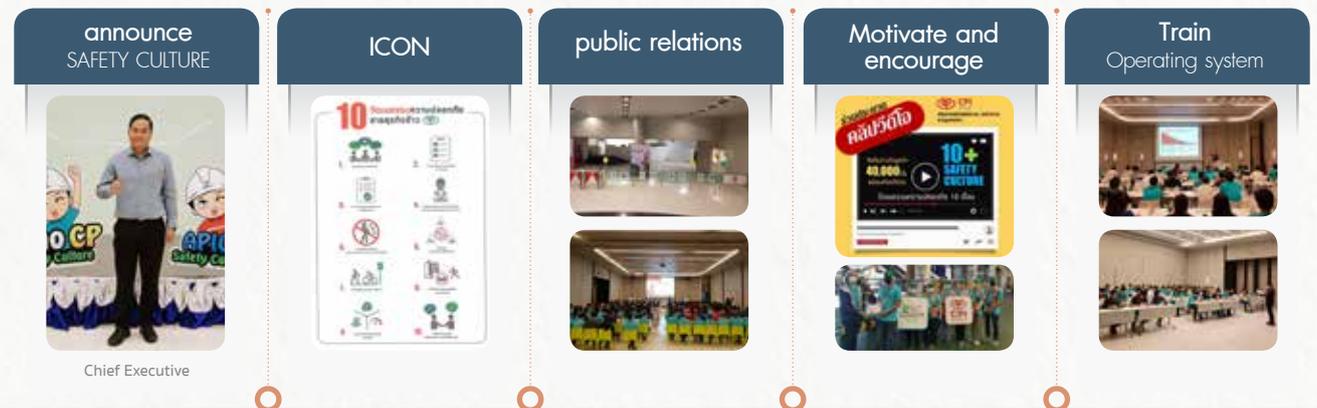
Reporting and incident investigations And occupational diseases

In the event of an accident, the employee or witness must report it to the supervisor to assess the severity of the accident and report it to the relevant parties, including management and safety. The company has established a committee for investigating occupational diseases and conditions. It consists of representatives of the Board of Directors and professional safety officers who are experienced, knowledgeable and competent to analyze the root cause of accidents and lead to the process of determining measures to prevent recurrence and / or It was announced as a safety practice procedure and

Developing a safety culture

To promote worker safety and achieve safety goals, no people suffer from work hazards, encourage workers to have good safety attitudes and values that will lead to continuous action until It is the safety culture of the organization 10 points.

Operational strategy



Communication

The Company has appointed the Occupational Safety, Health and Environment Committee, comprised of representatives of employers and employees who are elected by the Company's employees. The committee is responsible for inspecting unsafe working conditions, suggesting safety advice. Considering safety programs and promoting and communicating information. Guidelines for reducing Accident and prevention through various activities such as Safety Talk, Publicity Board, Line Group, safety activities In addition, the company gives importance to Two Way Communication by allowing employees to report incidents that may cause an accident or make suggestions about safety work. Occupational health and work environment Through the feedback system (Kaizen Suggestion).The committee will bring recommendations to the meeting and report to the management for consideration on a monthly basis. It has led to further appreciation and reward of employees for their morale.

Management of the working environment

The company gives importance to the environment and the good health of the employees and the good environment of the community. The work environment is regularly measured and assessed, which is in strict accordance with the law and adheres to local regulations, including air quality measurements, drinking water / wastewater quality, chemicals and intensity. Of light in the working area.To ensure that all employees work In an ideal environment where most of the latest measurement results are within the legal standards However, there are issues with measurement results that are lower than the standard of lighting. The company gives importance and has taken corrective action by considering changing the type of lamp to have a higher intensity and make the intensity value. The light is according to the standard.In addition, the company Personal protective equipment has been provided for employees with risky work, equipped with emergency first aid equipment and adequate medical rooms suitable for employees. And easy to access

Prevention and mitigation of impact on the supply chain.

The Company has given importance to safety for all groups of stakeholders, especially contractors who have joined the work, with all companies in the business group to supervise the contractors. It covers selection, contractor management and audit processes to ensure that the contractor's performance is compliant with regulations on occupational safety, health and environment, as well as taking appropriate precautions.

Raising management standards and auditing of safety management. , Occupational health, environment and social responsibility

Safety, occupational health and work environment operations are critical to the Company's business operations. C.P. Intertrade Limited and companies in the international trade business group by adhering to the care of employees, contractors, visitors, as well as stakeholders in business operations throughout the supply chain.The company therefore sets a policy with a commitment to implement a standard system, safety, occupational health Environment and social responsibility or management system SHEEN developed in In 2018, and all establishments were audited continuously.And there is a competition for factories and establishments of business groups according to the aforementioned criteria, starting with the management who is in charge of each company in the business group jointly audits the departments by joining forces to exchange knowledge, in order to lead to the improvement process and upgrade the management system.The SHEEN & CSR Standard audit program covers safety management. Occupational health, energy Environment and social responsibility. The evaluation criteria consist of 9 points. The results of the audit will be set as best practice (best practice) to share experiences between the group companies and the issues that companies need to work to improve to improve performance. Continuously improving safety work

Audit criteria



Key Performance Results of 2019



7 factory

Get assessed Covering 2 countries
(Thailand, Cambodia)



36 people

The management is the audit committee.

Case Study#4

Results of safety, occupational health and work environment

Project background

International Trading Business Group Charoen Pokphand Group is a business group that has operated the business with an emphasis on creating sustainability for the organization, with the focus on driving the organization to achieve its strategy and goals. Staff, knowledge Innovation, management systems or standards that have been set up are elements that can rapidly advance the business operation of a business group.

CPI AWARD is an activity that will promote and create development in the operating system of the business group, allowing the executives and employees to participate in the operations of the group to produce products quickly. High efficiency, low cost, high quality And it is safe to work and it is also a collection of knowledge of the business group in order to create a database and disseminate to stakeholders and interested parties.

Operation

1. To enable executives and employees at all levels to develop and implement the group management standard system. SHE, Energy, CSR Management Standard that will make every factory / establishment in the business group have a good international management system.
2. To enable executives and employees at all levels to participate in the implementation of improvements in order to reduce costs, efficient production and help promote activities in areas such as quality, safety and environment.



Automotive management

Management guidelines

In the field of domestic freight and cross-border transportation To support the delivery of goods of the Charoen Pokphand Group and serve various industrial groups, therefore, it is committed to developing the business of providing transportation services to professional domestic and foreign business operators. The company is under the vision "Develop quality products delivery service Safety on time with modern technology, developed to the world. "International Charoen Pokphand Group operates a cargo transportation business. Which consists of Dynamic Transport Company Limited and Dynamic Inter Transport Company Limited Limited in which a lot of motor vehicles are used And there are employees who continuously rotate to work



The company is committed to conducting business with ethics. Comply with regulations and laws with good governance, taking into account safety The welfare of employees and stakeholders. The company is responsible for customers, partners, the surrounding society, with the following guidelines to enhance safety.

Service personnel development

Service personnel or chauffeurs are important and valuable resources, and the company emphasizes the ability to operate efficiently, by systematic selection of service personnel, starting with physical performance testing. , Attitude interviews, training and driving skills test, and once passed the evaluation standards, it is possible to perform transport work.

Technology

The company pays attention to the use of modern technology in its business to enhance It is convenient, quick in operation and builds confidence for customers by bringing the system Track the car via satellite or GPS Installed to track every transport vehicle for the benefit of many aspects, including routing, measuring distances Control transport routes, control operations As well as data analysis In addition, technology is also used in maintenance work, with a maintenance driver for every vehicle. It is efficient, ready to serve. Currently, maintenance programs are being developed to be in conjunction with the GPS system in order to use the information to manage it to the maximum benefit



Safety

The company has set goals to reduce the damage caused by accidents by taking measures to achieve success such as controlling the use of vehicles for safety Installing a system to prevent accidents, campaigning activities to reduce accidents, and providing a resting place for drivers. This starts with encouraging personnel to see the positive effects of accident prevention, create attitudes, safe driving behavior. This makes the company reduce the damage caused by the accident and the personnel have more operational capability

Case Study#5

Automotive safety management

Project background

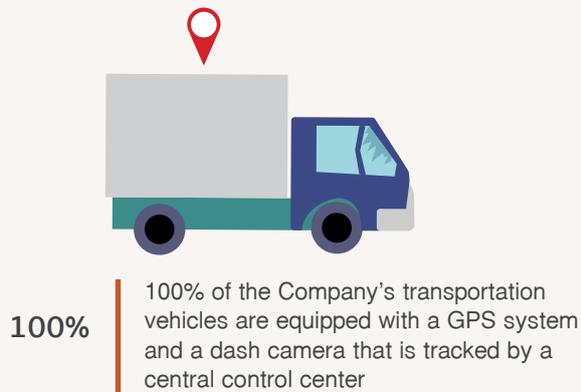
The transportation companies of the international trade business group consist of companies Dynamic Transport Co., Ltd. and Dynamic Inter Transport Co., Ltd. Limited, including companies in the business group that have used cars Automotive safety operations aimed at accidents It is the center which is an important part of business operations.

Operation

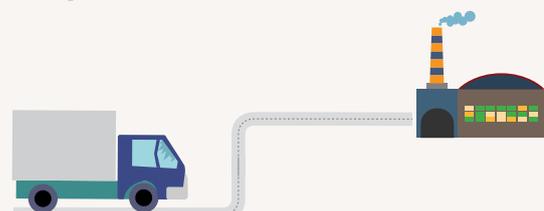
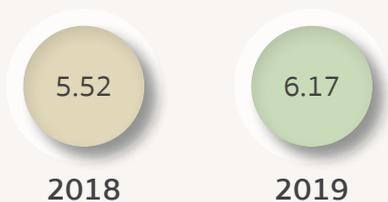
The International Trade Business Group has established a Subcommittee on Automotive Safety to set goals and monitor performance. The safety target is set as part of the performance evaluation. In addition, there is also a control center to monitor the operation of all vehicles to monitor the driving behavior of employees. All the time and data is collected for further analysis, improvement, and operational development.



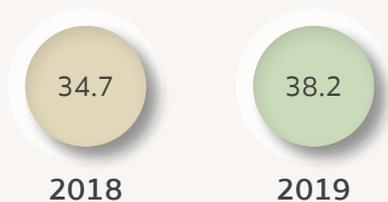
Key Performance Results of 2019



Transport accident rate
(cases per million kilometers)



Total distance of a transport vehicle
(Million kilometers)



Case Study#6

Sukjai Employment Retirement

Project background

This is due to the changes in the population structure to the aging society in 2017 and is expected within the next four years. Thailand will become a completely aging society. Therefore consider hiring the elderly to reduce labor shortage. And encouraging the elderly to live in the neighborhood of the company to have additional income

Operation

- Recruiting elderly people who live in the neighborhood of the Company
- Consider the desired properties.
- Interview and hire staff.

Result

Employed **12** employees aged > 55 years



Case Study#7

Developing foreign workers to have knowledge on safety, occupational health and working environment and build morale for foreigners in welfare

Project background

Due to policies and guidelines for hiring foreign workers Of the Charoen Pokphand Group, it has a clear policy not to engage in or encourage all forms of forced labor, including Illegal alien workers. The company Saw It is important to the issue of human rights and the use of forced labor according to the policy of the Group. Therefore, the company intends to hire foreign workers of the contractor company directly to be employees of the company.

Operation

- Recruiting and recruiting staff.
- Processing of Visa and Work Permit of employees in accordance with the law.
- Employed 140 Cambodian employees.
- Improve accommodation for employees.



Organized fire evacuation drills at Cambodia dormitory

Build a new dormitory for Cambodian employees.



Leadership and Human Capital Development





The challenge

CP Intertrade Co., Ltd. and companies in the international trade business group adapted to cope with the rapidly changing technology and innovation in the era of 4.0 regularly.

The company has a mission, vision, direction and strategy. To accommodate these changes, focus on the development of capacity and empowerment of “personnel” as The main heart.C.P. Intertrade Co., Ltd. and companies in the international business group Give priority to building the readiness of personnel to cope with various modifications. In the organization to effectively drive the human resource strategy of the company in line with global standards Engage employees at all levels with increasing numbers in order to retain talented personnel to co-exist with the company and become a new generation leader, accumulate experience, learn and grow with the company.

2020 goals

100% of leaders and employees pass sustainability awareness training.

Key Performance Results of 2019



Leader and staff

2,607 people

Trained to develop knowledge and understanding in sustainability and business ethics



Number of leaders

1,254 people

Participate in a Sustainability Workshop In 2019

2019 results compared to goals

	2017	2018	2019	Target for 2020
Number of leaders and employees with sustainability training	2,106	2,522	2,544	3,000
Number of leaders in sustainability workshop	106	245	1,254	1,000



Sumeth Laomoraphon

Chief Executive Officer
(International trade business)

“ Being a leader is learning, giving and having vision. To create an experience Create learning for both the old and the new generation. In the globalization era, with emphasis on personnel within the organization, focusing on “**building people**” as the main force in business building. The company is considered a great change in strengthening the CP Group to have potential in the global economics. ”

Management Approach

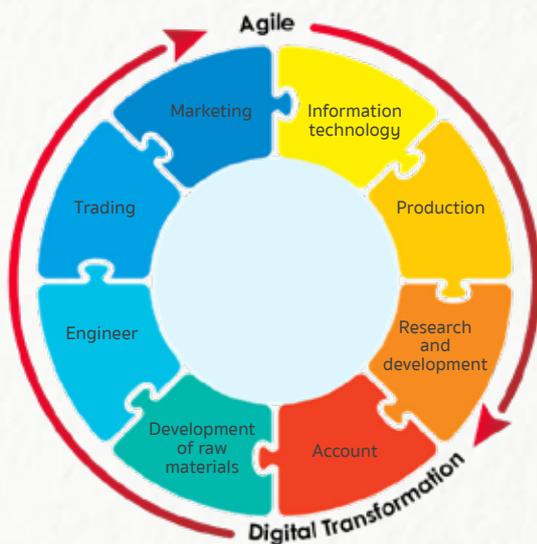
The company has a systematic approach to good practice in determining the people strategy of the business group in line with the people strategy of the Charoen Pokphand Group as follows:

1. To be the organization of dreams by setting goals, having operational results. 75% more of THE Great Workplace in Y2024 by Gallup.Q12 by working on the development of Employer Engagement, Financial Management, Engagement Activity, Facility Providing.
2. Modular Organization aims to be a flexible structured organization to enable employees to develop their potential as multifunction in conjunction with business development.
3. Digitalization of Customer Experience Creating digital experiences for employees. Focus on the implementation of modifications to the support system. To be a standard in the Cloud (Microsoft Office 365). The company has developed a way to communicate with employees through a form of channels. Digital and create learning in a new way Micro-Learning Via mobile phones, tablets and computers
4. Acquire & learn from World Class capabilities. Career advancement, learning and embracing global talent through the Internal Hi-Po Talent Development, Leadership Development Program, Managerial Development Program. The company has been recruiting Internal Hi-Po Talents, creating training courses for employee development, assigning challenging projects And follow up results from the project

Both these approaches will reinforce human strategies to prepare people for growth.

Organization with a flexible structure

Modular Organization



Strategy and work style

Building digital experiences for employees

Digital Transformation

Encourage employees to have digital experiences through Mobile Application



2020 working with IT to develop E-learning system in Microlearning formats such as Data Privacy

Leadership development, career advancement, learning
And open to world-class talent



- Internal Hi-Po Talent Development
- Leadership Development Program
- Managerial Development Program
- Consulting

Case Study#8

Digital Transformation



- Standardize support system in the cloud (Microsoft Office 365)
- Use the method of communicating with employees through digital channels.
- Create learning in a new way. Micro-Learning Via mobile phones, tablets and computers



Case Study#9

TAO KAE RONG SI Project

Project background

- To increase the business opportunities of the rice mill group.
- To provide market opportunities for consumers to have access to good quality products at affordable prices.
- To develop personnel in the organization to train as a owner in the organization to manage the rice mills.
- To allow team members to market to meet with customers directly and to develop information from customers.

Operation

- Provide team members for each mill.
- Explore the market and design products
- Marketing for customers and public relations
- Bring customer complaints to improve.



Suphannaphum

Chakungrao

Phukaofire

Result

Each brand of rice				
Factory	rice brand	selling price (Baht / kg)	sales volume (kg.)	Sales (baht)
Suphanburi	Suphannaphum	20.14	40,000	805,776.34
Kamphaengphet	Chakungrao	19.95	30,000	598,574.88
Buriram	Phukaofire	33.83	30,000	1,014,975.01
Total			100,000	2,419,326.22

Case Study#10

Town Hall Program

2019 – Doing the best, Being the great

2020 - Unlock the future : Make it Happen

Conveying the vision And business strategies for employees by senior management of the company Create awareness and understanding for employees. The company can plan goals and plans accordingly and contribute to efficiency of work.



2019



2020

Case Study#11

CPI Acceleration Program

Project background

The company has initiated new business in order to expand the scope of the Company's trade, in order to operate in a world-class standard format, a skill-building program has been organized. Essential techniques and concepts in project management; From a world-class consultant (Dr. Yoshimitsui)

Operation

- Strengthening the capacity of the operational team by consultants.
- Presenting progress and listening to suggestions from management and direct advisor.
- Bring tools Monday.com Cloud model adapted to workers to streamline job tracking.



People strategy

Focus on being the organization of your dreams (Employer of Choice)

Topic developed ...

- Employer Engagement
- Financial Management
- Engagement Activity
- Facility Providing



Operation

- ✓ Survey the level of employee engagement And calibrate International level
- ✓ to bring results to plan for development
- ✓ Establish a provident fund
- ✓ Organize a financial planning training
- ✓ Organize activities for people in the family, employees
- ✓ Provide a fitness center, swimming pool, dormitory for employees



Systems for learning and developing people

Develop programs for leaders and high-potential employees.

- ✓ Internal Hi-Po Talent Development
- ✓ Leadership Development Program
- ✓ Managerial Skill Development Program



Operation

- Recruiting Internal Hi-Po Talents
- Create training courses for employee development.
- Assign challenging projects
- Track results from the project.

Managerial Skill Development Program		12 training days in 1 year 2 days in every 2 months	
Skill Set	Development Programs		
Skill Set for New Manager	6. Maintaining Effective Relationships (2 Days)	Inspiration Trust	Motivation
	5. Coaching & Mentoring Skills (2 Days)	On-the Job Training	Coaching & Mentoring
	4. Measuring & Monitoring Performance (2 Days)	Problem Solving, Decision Making	Conflict Management
	3. Planning & Organizing (2 Days)	Planning, Job Priority Constructive Feedback	People styles Delegation
	2. Setting Direction (2 Days)	SMART goal 5W1H + 6M	Brainstorming Effective
	1. Fundamental (2 Days)	HR for Non HR	Communication Meeting

Ref. DR. JON WARNER in LEADERSHIP AND MANAGEMENT

Case Study#12

The project staff attended the training at the leadership institute.

Modern leadership development With Future Leader Program (FLP) in collaboration with the Institute Developing Charoen Pokphand Group leaders with hands-on learning styles and suggestions by the executives of the Charoen Pokphand Group.

Number of course participants

Class 1: 2 people	Class 5: 4 people
Class 2: 2 people	Class 6: 2 people
Class 3: 4 people	Class 7: 2 people
Class 4: 4 people	Total of 18 people



Case Study#13

CPI Young Generation

Project description Learning and evaluating

- Develop a new generation.
- Responsible for both domestic and international sales.

Learning and assessment

- Learn by entering the real field.
- Follow-up and evaluation by experienced persons. And report the results to the management closely

Result

The company has the human resources that are well prepared, competence, skills and management attitudes to support the future expansion of the business



Information security: personnel management information

Project background

With the Personal Information Protection Act of both employees, customers and business partners of the company which has an impact on doing business, Adapt to comply with the law Therefore, actions must be taken to assure the Company that the employees comply with the Act correctly.

Operation

Year 2019

- Prepare executives by organizing training on preparation to accommodate Personal Data Protection Act

Year 2020

- Prepare public relations materials to communicate to employees about details.
- Create learning in an E-Learning format to educate and test employees' understanding.
- Review documents and procedures Related to employee information Improve and develop in accordance with the Act.



Case Study#14

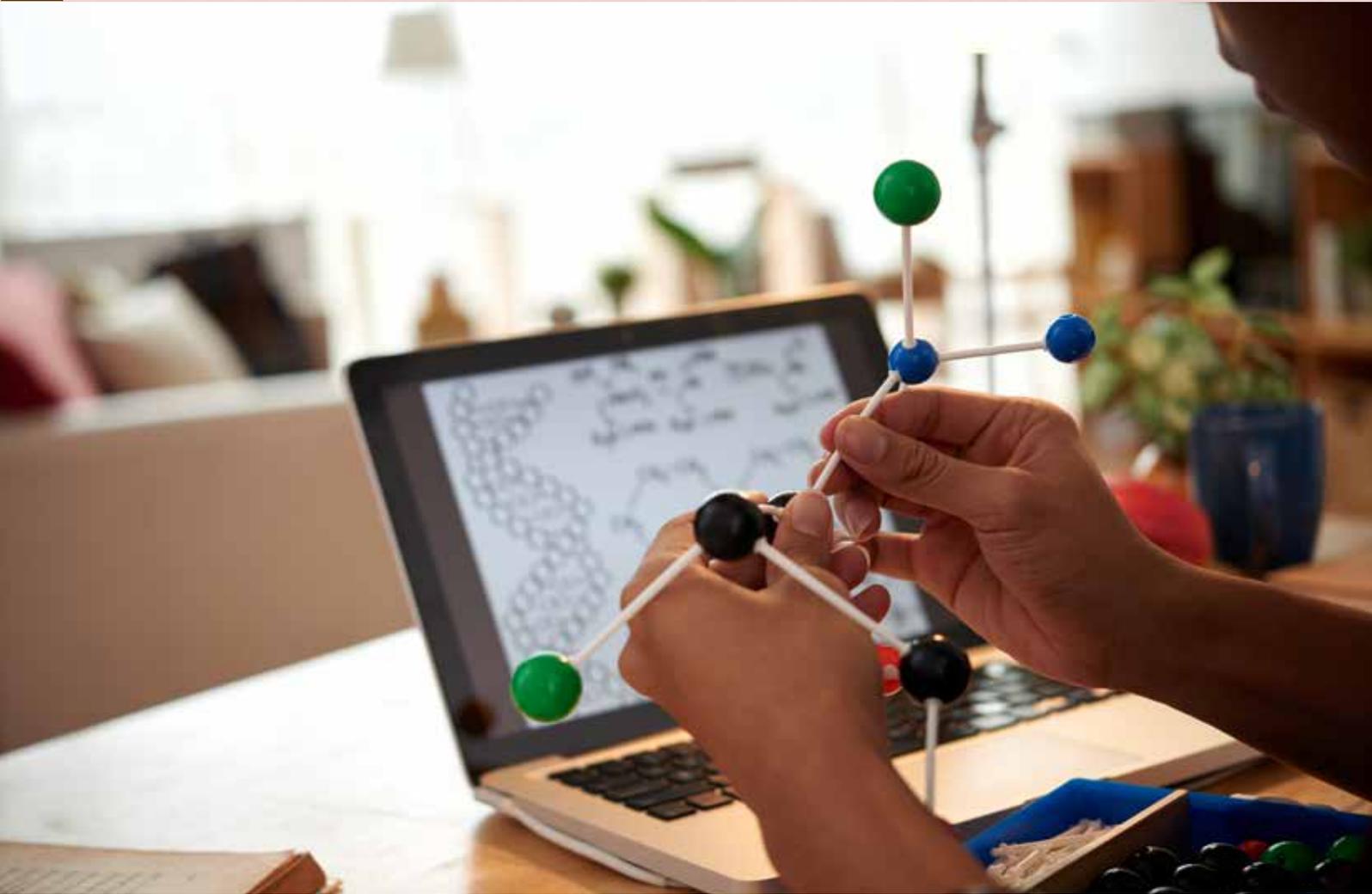
Sustainability Management Training

The company emphasizes on communication and educating on sustainability at all levels through training (Training Workshop) and coaching to organizations in the matter of developing the organization towards a socially responsible organization (Social Responsibility) through standards Both nationally (CSR-DIW) and international (ISO Standard). Organizational development to an organization that has sustainable development in accordance with the Sustainable Excellence Model approaches to elevated

leadership (Elevated Leadership). The company uses modern management tools systematically. (Systematized Approach), Sustainability Strategy Management), Sustainable Innovation Process, which leads to reporting and communication. (Reporting and Communication) The company realizes the importance of driving goals. Sustainability in line with the SDG guidelines Goal and to create executive endorsements and commitments that will be communicated to employees at all levels.



EDUCATION





The challenge

C.P. Intertrade Co., Ltd. and companies in the trading business group International recognizes that technological innovation has become a cornerstone of changing education models as well as enhancing skills.

It is necessary to work in the present time. by The company established itself as an example of the rapid change in technology innovation, resulting in inequality across the world.

Such as education and career security, promoting and developing the basic education structure (Quality Basic Education), enhancing learning styles that can occur Continuously rising in all age groups (Lifelong Learning Pathways) , Use of innovation for education (Education Innovation)

2020 goals

Support 30,000 children, youth and adults with access to education and skill development.

2020 goals



15,225 people

Children, youth and adults are encouraged to access education and develop essential skills.



41 school

Are encouraged to educate and support sustainability



82 people

Number of scholarships sponsored by companies in the business group

2019 results compared to goals

	2017	2018	2019	Target for 2020
Number of children, youth and adults receiving support	-	23,187	15,255	30,000
Number of schools supported	-	41	41	100



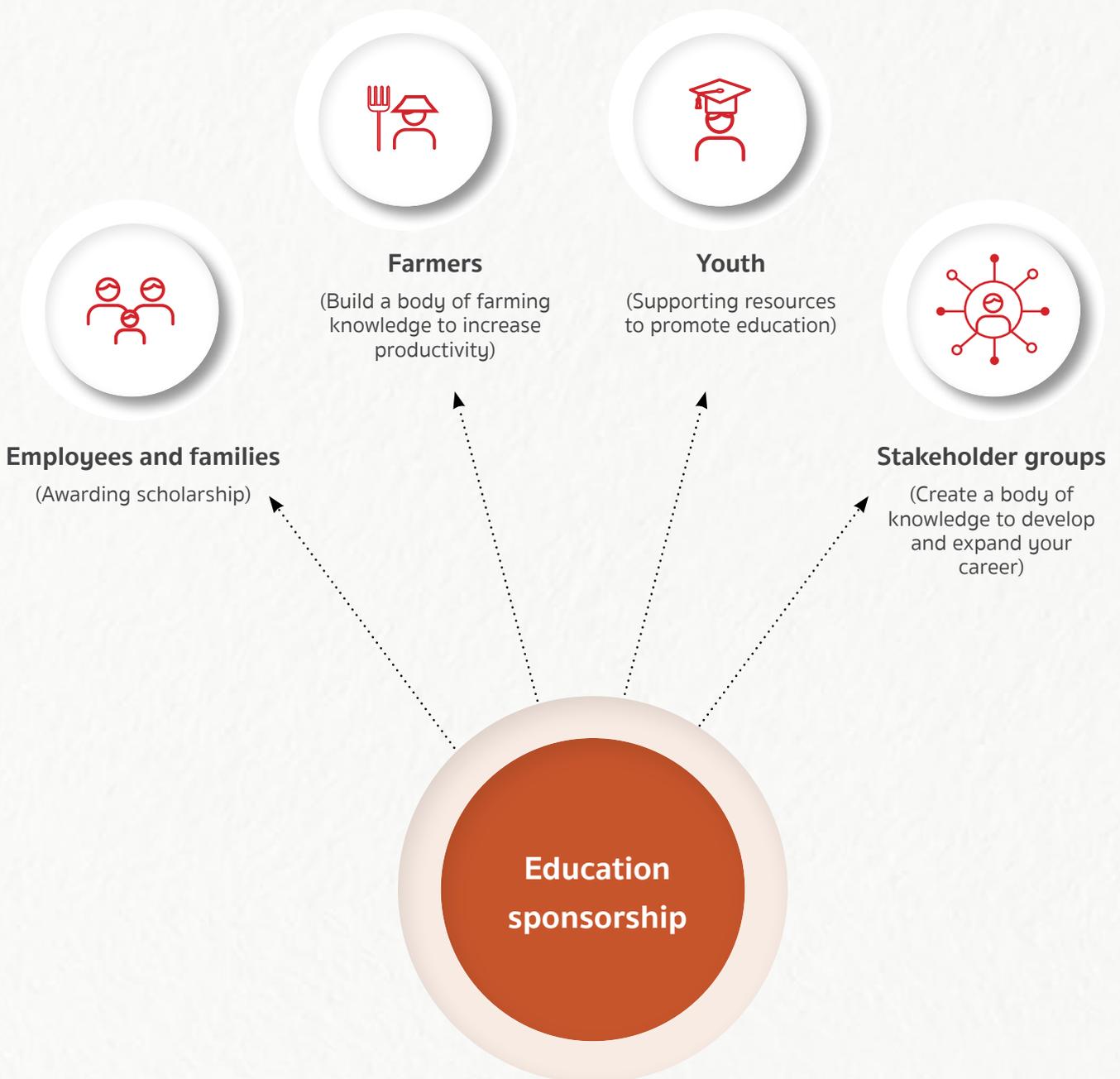
Mr. Iam Ngam Damrong
Senior Vice President,
Charoen Pokphand Group And Vice Chairman
International Trading Business Group, Charoen
Pokphand Group

“ To be grateful, you have to start with yourself whether you are a good person or not, if you are a good person you have to be grateful. , If it's a bad person, they won't be grateful. ”

Management guidelines

CP Intertrade Company Limited believes in creating a culture of participation in education and creating opportunities to access knowledge, which is to develop the potential of youth and adults of all ages. Education creates readiness to meet challenges. Reduce inequality and increase Thailand's competitiveness.

The company has been building and supporting education through major projects at the national level, including constant support of the Academic Olympiad for 17 years. The Youth Development for Sustainability Project whose goal is to be a model organization for youth to have opportunities to learn and develop



Case Study#15

Youth For Sustainability Project

Project background

With international trade business groups Charoen Pokphand Group It operates businesses that are related to agriculture, which is the basic occupation of Thailand's economy, as well as a variety of projects to develop the quality of life of Thai farmers for a better living, such as the promotion of rice cultivation in the region. Northeast, large rice fields project Suphanburi, Project to promote Hom Mali Rice, Phayao Province (Hug Phayao) and Project to promote rice cultivars, RD 43, Phitsanulok Province The company therefore developed the concept of developing knowledge on the foundation of farming profession to the children of farmers by cultivating and learning the process and developing modern agriculture and obtaining quality products. Young agriculture towards sustainability in the first year Sisaket Province area, 2nd year area, Buriram Province

Objective

- To organize training to educate students, children, farmers according to the principles Produce rice in the GAP (Good Agricultural Practices) system or rice around the business area.
- To enable students to acquire knowledge and understand the process of farming in a correct way along with the use of modern technology as a basis for developing Thailand's farming career
- To achieve participation between organizations. Surrounding communities an Member farmers integrate social development work together.
- To stimulate the participation of executives and employees with the community. The surrounding and member farmers formed a good relationship.



Target group

- Students in the area around the Nakhon Luang rice factory Phra Nakhon Si Ayutthaya Province
- Students in the Wang Daeng Rice Factory area Phra Nakhon Si Ayutthaya Province
- Students in the area around the Suphanburi rice mill
- Students in the area around Buriram Rice Mills
- Students in the area around the Kamphaeng Phet rice mill



Project implementation plan

- Training on the knowledge of farming with the GAP system through the learning base process and assessing the understanding with the knowledge test.
- Give target students to take action through the making of transformations, demonstrations and realizing modern technology.
- Select students with good behavior but lack of funds to receive scholarships.
- Arrange to study and visit the production process from field to food
- Create activities for public relations with the community according to the local context.
- Organize a ceremony to create awareness through all communication channels



Case Study#16

Young Leadership Development (YLD)

Background Project

Also, the company has operated businesses with social responsibility. In accordance with the three resolutions for benefits to the country, people And the organization. The company gives importance to Thai youth, which is an important force in the future national development. To promote youth learning with morality, know to share, have social responsibility according to the Youth Leadership for Sustainability Program (YLD).

The objective is to help the Thai society in education and have carried out many projects continuously until now. It is the establishment of a college camp for students from various educational institutions across the country. There are currently more than 30 sponsored volunteer camps. They are volunteer camps that build school buildings, library buildings, multi-purpose buildings where students have set up a university camp to build schools across the country This year, the Office of Social Activities (CSR) issued guidelines to support the products of the government camp, which are as follows:

1. Set goals for universities / faculties / gatherings or clubs That CSR wants to build a network
2. It is a volunteer camp run by student students from congregation clubs or agencies affiliated with university institutions.
3. It is a volunteer camp project that is approved by the institution and the area to be developed.
4. Camp Volunteer Camp Program, Organizing Activities in Business Areas
5. Organize activities in line with the Office's strategy such as sustainability issues. SDGs and goals of the Charoen Pokphand Group
6. Students who wish to apply for a scholarship to support the project of the Government Camp project must submit a letter requesting assistance and attaching the project details to Email: i-csr@cptrading.co.th, CPTG.CSR.PR@cptg.co. th
7. It is a continuous camping program and organizes activities every year.

Project mission

- Support the university volunteer project.
- Build a network with project advisors and students of each generation.
- Network all sectors of the university in accordance with the Sustainable Development Goals.
- Communication channel of the CSR SPIRIT website
- Driving SDGs with students and CSR Spirit doing social activities



Young Leadership Development YLD Class 1

Youth development activities leading to sustainable development

Operation

- Sustainable Development Goals (SDGs) Goals
- Sustainable development
- Learn to exchange volunteerism with social development and environment
- Lectures on the environment, energy and corporate sustainability.
- Student present presents the volunteer camp project.

Workshop of problems, potentials, SDGs

1. Chulalongkorn University, total 32 people (Instructor number 1 person)
2. Mahidol University, 14 students (Instructor number 1 person)

Total **46** people



Young Leadership Development YLD Class 2

Youth development activities leading to sustainable development

Operation

- Describe the Sustainable Development Goals. development goals (SDGs)
- Associate the Sustainable Development Goals. Exchange ideas SDGs Mapping Volunteer Camp
- Learn business to practice with technology and innovation to sustainability.



1. Chulalongkorn University, total 28 people
2. Kasetsart University, 59 people (Instructor for 1 person)
3. Srinakharinwirot University, totaling 47 students (Advisors of 4 people)
4. King Mongkut's University of Technology Thonburi, 50 students

Total **218** people

Case Study#17

Farmers Awareness Training (Hug Phayao, RD 43)

Project background

Since the company has purchased paddy from Kor 43 since 2018 as healthy rice, medium-low glycemic index to provide farmers with understanding of good quality rice production. It is compliant with the GAP system and is not contaminated by other rice. The company therefore procured the genuine seeds and arranged continuous training to educate farmers, check plots, establish leadership groups, transfer knowledge, develop modern agriculture and integrate with the government to provide standardized rice, a healthy rice group. And improve the life of farmers in a sustainable way In order to jointly drive the economy of the country. The company came in to support the marketing for the project and expanded the area to meet the market demand.

Operation

Thai rice promotion project, RD 43, year 2019

- Planting area 39,540 rai
- 2,521 farmers

Thai Hom Mali, Hug Phayao, 2019

- Planting area 20,174 rai
- 937 farmers



Case Study#18

“Social DIShtancing” Happy menu, no distance, creating a channel for sustainability

The Social DIShtancing project was initiated in order to accelerate the efforts to help sustainable medium to small restaurant businesses as quickly as possible. The company foresees a new sales channel through Online Delivery that restaurants will be able to use in the long term to support consumer behavior. In the New Normal era by having a team to provide knowledge and do it in collaboration with the shop in Online Marketing Including the preparation of equipment to sell through Online Including appetizing food images, arranging promotions to suit consumer needs and applying / using in order to receive orders via Line man. The team has created a sales channel on the Online Delivery Platform for With restaurants of medium to small by working with Line Man provides knowledge and assistance in bringing restaurants into the system within a period of 3 days, which is faster than normal procedures and to create incentives for consumers to order through these restaurants. The team has prepared marketing materials to promote the

restaurant on online channels, including Take photos of recommended dishes to make them appealing, create interesting stories for each restaurant and promote every shop via online channels without any cost such as Facebook / Line / news agencies, partners and More than 100 influencers Help guide Marketing through Online Delivery Platform. This will increase your sales skills. Online channels for restaurants to be used in the long term. It also provides assistance and support for shipping costs for consumers in the amount of 50-100 baht / time in conjunction with Line man, which will help consumers avoid the burden of high shipping costs as well. In addition, every restaurant has shared happiness and encouragement to consumers by distributing recipes for each restaurant’s signature dishes through VDO cooking that the team helped film and edit, promote. People who have to be quarantined at home can begin to practice doing it at home, creating happiness within the family as well.

Open all channels of Chat brand and various media partners to help affected restaurants.



Case Study#19

Develop a new generation salesman curriculum with Panyapiwat Institute of Management.

Project background

With the company has a need for human resources in sales in the new age by a new generation of children. With a need to learn and develop sales skills And growing in the field of trade. In addition, having collaborated with the Panyapiwat Institute of Management, who wanted the students under the course to receive practical training, therefore collaborated to plan their learning from real practice. Give students opportunities to undertake projects related to the company. And present to the management of the company

Operation

- Prepare students with training and necessary sales skills.
- Allocate a mentor to take care of counseling and teaching.
- Students come up with a project to develop or improve their work and present to management.



year	Number of students	Department
2019	4	Sales Department Distributor
2020	4	Modern Retail (Modern Trade)



Case Study#20

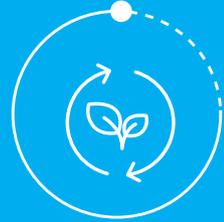
Supporting scholarships to create access to quality education.

The Company realizes the importance of employee welfare and education which is the main factor in the youth development of the nation. Good academic performance and good behavior Including having the opportunity to receive education until graduation and to become a valuable resource in the future



HEALTH



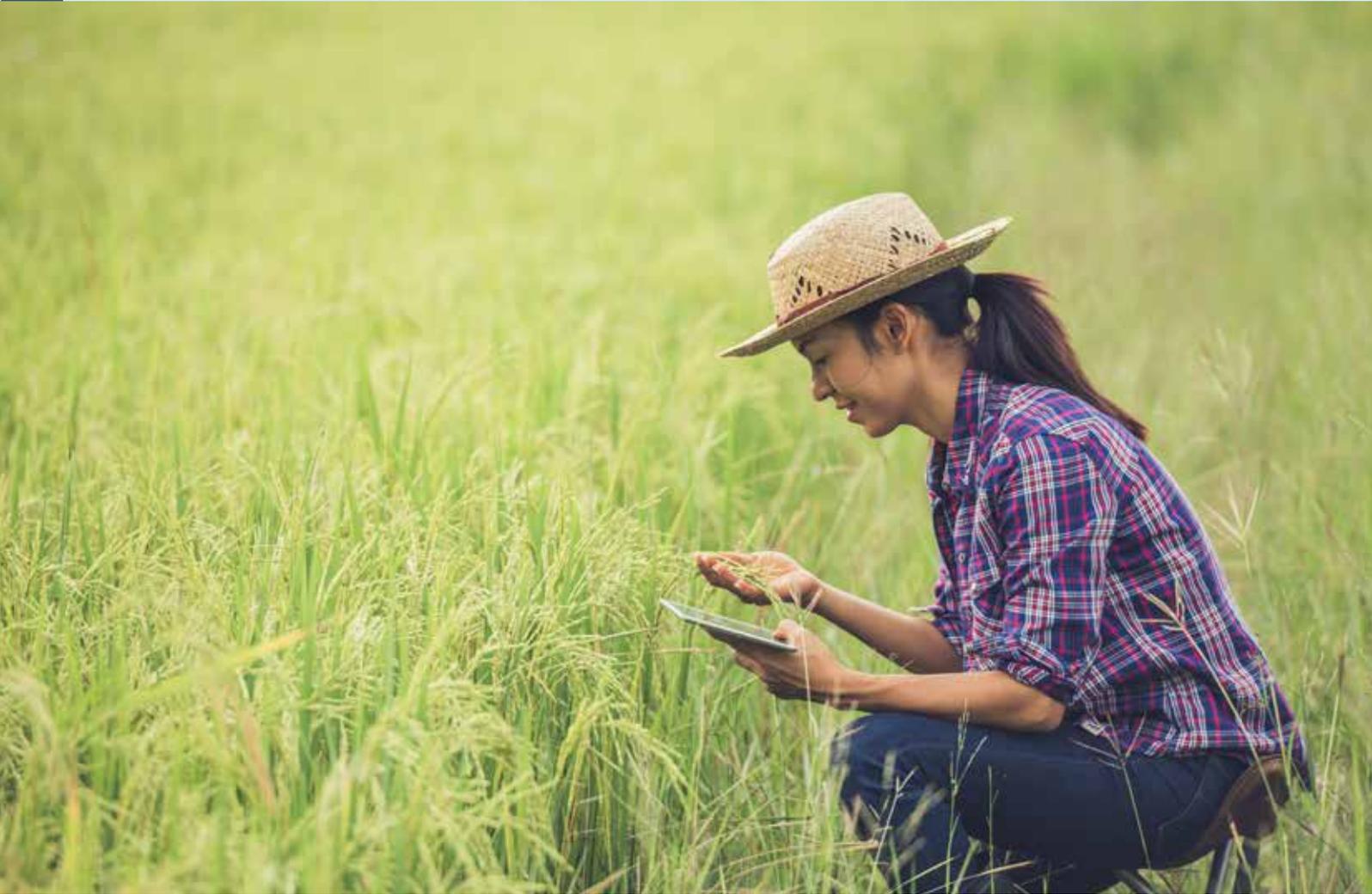


C.P. Group and CPTG are committed to driving society toward sustainability through innovations that help promote good health for consumers. In addition, we implement projects aimed at improving the quality of life and health of people through our shared experiences and knowledge with a focus on comprehensive development in economic, social and environmental aspects. We also join forces with many organizations to push forward changes at the national level,

in line with our core values founded on the “**Three-Benefit Principle.**”

- 1) Social Impact
- 2) Health and Well-Being
- 3) Stakeholder Engagement
- 4) Innovation

Social Impact





The challenge

The inequality problem is one of the reasons for the state of division. Separation of people in society (Social Nowadays, society has low trust, making businesses more vulnerable to reputational and regulatory risks.

Increasing and affecting the operating results of Long-term business operations. It's just a social problem that is just around the corner, but it can become a risk to the business sector as well.

At the same time, businesses must establish a connection between business and society by integrating the needs or expectations of the people of society as part of the corporate goals.

2020 goals

10,000 vulnerable farmers and groups receiving career and quality of life support

Key Performance Results of 2019



Farmers
10,104 people receiving career promotion and income



Vulnerable group
2,438 people who received promotion of occupation and quality of life

2019 results compared to goals

	2017	2018	2019	Target for 2020
Number of farmers who are promoted to occupation and income	1,274	6,279	10,104	10,000
Number of vulnerable groups receiving promotion and quality of life	-	375	2,438	1,000



Mr. Trairat Udomsriyothin
 Senior Executive Vice President
 Development of upstream raw materials

“ With the problems and determination of the company Is to operate the rice business under Responsible towards society. In addition to focusing on development. The quality of Thai rice is one of the things that has always been focused on, it is to contribute to the improvement of the quality of life of Thai farmers and to earn more income, which is an important echanism in creating sustainability for Thailand agriculture. ”

Management guidelines to support farmers

Smart Farmer To Sustainability

As a purveyor of rice, Kao Tra Chat endeavors to secure the finest source of rice production to not only to ensure the quality of our products and maintain the high standards of Kao Tra Chat but also to help Thai farmers overcome difficult market conditions. Therefore, this initiative combines the farmers' well renowned expertise in rice cultivation and the company's expertise in marketing. The amalgamation of the farmers' and the company's capabilities will result in a mutually beneficial partnership with a common goal of creating a sustainable rice business model-such is the origin of our "Rice Production Promotion Projects".

***We would like to be a part of supporting

"Thai farmers"

have a better life in a self-reliant way **

Sustainable Jasmine Rice Cultivation Process Improvement Project

The project focuses on providing knowledge to farmers enrolled in this project on how to grow jasmine rice correctly which has been certified by the Department of Rice's GAP System. We have an upstream raw material development team on site and ready to offer consultation in every production processes. Come harvest time, the company will purchase rice from the aforementioned farmers at market price plus an additional 300 baht per ton to increase the farmers' income and create sustainability in Thailand's agricultural system.



Sustainable RD43 Rice Cultivation Process Improvement Project

We designed a rice production model that is not only dynamically linked to the company's target markets but also provide a guarantee to purchase 100% of the produce at predetermined fair trade prices from member farmers. In every production process, members can be assured that they will be taken cared of by the company's upstream raw material development team who visits the area and offers consultation during the growing season. Furthermore, we use the Laser and Leveling technology to allow for the adjustment of the grade and elevation of the rice field to help increase rice production efficiency, reduce farmland damage and production costs for our member farmers. Furthermore, the Laser and Leveling technology can help increase rice yield and quality to enable the farmers' products to satisfy regulatory standards and market demand. These factors have led to an increase in income for these farmers, which ultimately foster sustainability in the Thai agricultural system.



Sustainable Japanese Rice Cultivation Process Improvement Project

We designed a rice production model that is not only dynamically linked to the company's target markets but also provide a guarantee to purchase 100% of the produce at predetermined fair trade prices from member farmers. Prior to the project's initiation, the company deployed its upstream raw material development team to offer consultation to member farmers throughout the growing season to standardize rice production and build confidence for farmer. The rationale for the early deployment of the upstream team is that the farmers must understand the complexities associated with the cultivation of Japanese rice. Japanese rice can be planted 2 times per year, both in wet season and dry season, resulting in higher selling prices of products per rai than other types of rice planted at the same time. Japanese rice needs special care which allows farmers to utilize their potential effectively and receive a higher return.



Sustainable Pathum Thani 1 Rice Cultivation Process Improvement Project 1

We designed a rice production model that is not only dynamically linked to the company's target markets but also provide a guarantee to purchase 100% of the produce at predetermined fair trade prices from member farmers. In every production process, members can be assured that they will be taken cared of by the company's upstream raw material development team who visits the area and offers consultation during the growing season. Furthermore, we use the Laser and Leveling technology to allow for the adjustment of the grade and elevation of the rice field to help increase rice production efficiency, reduce farmland damage and production costs for our member farmers. Furthermore, the Laser and Leveling technology can help increase rice yield and quality to enable the farmers' products to satisfy regulatory standards and market demand. These factors have led to an increase in income for these farmers, which ultimately foster sustainability in the Thai agricultural system.



Result



Number of areas that promote rice cultivation
298,082 rai



Number of members
13,108 Farmer

The North of Thailand

The North is an area with fertile paddy fields, moderate-high fertility, good weather, adequate rainfall throughout the growing season than other regions. Rice cultivation in Thai Hom Mali Rice and Sticky Rice.

The Company has a project to promote glutinous rice cultivation and a Japanese rice planting promotion project totaling 2 provinces, namely Chiang Rai Province and Phayao Province.



Number of areas promoted
26,450 rai



Number of members
1,624 people

Central region

The central region is a vast lowland area with many rivers and canals running through it and has an excellent irrigation system, enabling year-round farming. It is an important area for rice cultivation from the past to the present. In this region, white rice is popularly grown as the soil conditions are However, farmers in the central region also focus on insensitive rice cultivars, which can be grown in any season until they can produce more than once a year.



The company has a project to promote rice planting, Kor 43 and Pathum Thani 1 rice planting promotion project in a total of 4 provinces, namely Suphanburi, Phitsanulok, Nakhon Sawan and Kamphaeng Phet provinces.



Number of areas promoted
65,313 rai



Number of members
3,460 people

Northeast

The Northeast is the area that cultivates the most rice. It accounts for up to half of the country's total arable land. Most of the area in the Northeast is plateau and drought than the rest of the region. The region has become a source of unique rice varieties, including the world-renowned jasmine rice from the Kula River area.



The company has a project to promote the cultivation of jasmine rice, totaling 6 provinces, namely Sisaket Province, Yasothon Province, Buriram Province. Surin Province, Roi Et Province and Ubon Ratchathani Province



Number of areas promoted
206,319rai



Number of members
8,024 people

Farm members have something to say



•We are proud•

Proud to produce good rice for people around the world to eat.

Contact Farmer from Phitsanulok province



•We care•

Pay attention to all matters of growing rice to get good produce

Contact Farmer from Phitsanulok province



•We are confident•

Confident that the grown rice is definitely healthy and of good quality

Contact Farmer from Phitsanulok province



It is a freelance career and generates a major income for the family.

Contact Farmer from Phayao province



Cultivating rice is something that I love, it is a very comfortable occupation and can also help with hiring neighbors.

Contact Farmer from Phayao province



If you don't farm, you won't have any income.

Contact Farmer from Phayao province



Farmer career is in the blood.

Contact Farmer from Phayao province



The staff takes good care and sells rice at a good price.

Contact Farmer from Pathum Thani province



Farming is the main occupation

Contact Farmer from Phayao province



For my beloved family

Contact Farmer from Phayao province



Is a profession that is passed down from generation to generation

Contact Farmer from Phayao province

Case Study#21

Support Khao Hug Phayao



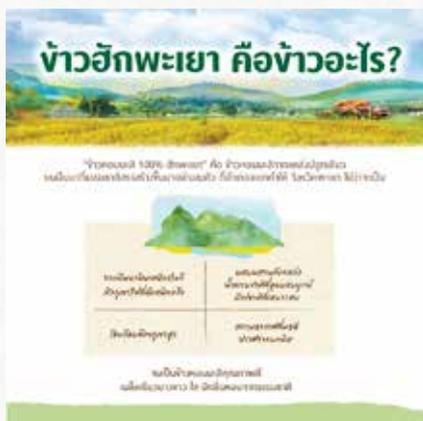
Project background

As a producer and distributor of Chat Brand, CP Intertrade Co., Ltd. wants to have a rice production source that is confident in the quality of raw materials. Thai farmers therefore came up with a concept that combines the strengths of farmers ‘Rice cultivation expert’

And companies that have ‘expertise on The market’ together is considered a complementary business. The company therefore has an idea to raise the area of jasmine rice cultivation from Phayao province to promote farmers. And receive quality raw materials by cooperating with government sectors from the cultivation process to the consumer delivery process This project brings 3 benefits: farmers earn more income, have a market source to support the exact produce, the company has quality raw materials used to produce rice products and consumers can be confident in clean quality. It is safe because it can be traceable at every stage of production, which is a complementary business. **“Come and be a part of the success of Thai farmers. All lead to a better and sustainable life.”**

Operation

The Hug Phayao Rice Project is to promote Thai Hom Mali rice growers in Phayao Province to grow rice for increased yield per rai by using Marketing policy leads the production and the company has persuaded the partners both at home and abroad. Including C.P.INTERTRADE, (SHANGHAI) CO., LTD, SHANGHAI RONGYOU INTER-TRADE CO., LTD, 7-Eleven and Shopee sign a trade MOU. To serve as a channel for distributing quality jasmine rice products in the brand of “Hug Phayao” rice to consumers in the world market.



The “Phayao Model” aims to promote quality of life, raise income of Thai farmers and develop the quality of agricultural products to meet market needs to pilot other provinces and expand results. In important agricultural products. With the scope of the agreement to purchase the produce of “Hom Mali Rice” in Phayao Province together between agricultural cooperatives, Agricultural Cooperatives for Customer Marketing, BAAC Phayao Co., Ltd. and The Company.

The project aims to buy back produce from member farmers. Dok Kham Tai District, Phayao Province, under the upstream raw material development project totaling 40,000 tons (from total output of 181,340 tons) at a market price of 18,000 Baht per ton, which is 3,000 baht per ton higher than the government’s insurance price for jasmine rice in 2019 (humidity at 15%), with 12 points of purchase of Hom Mali rice from farmers covering Throughout all areas in Phayao Province. The company Has set up a project to develop raw materials upstream to promote the quality of jasmine rice in the area of Dok Kham Tai district Phayao Province since the production season 2017/18 until now (including the 2 years), resulting in a total area of promotion of 20,171 rai and 937 member farmers. Because we intend to make this brand of rice to pass on the love of farmers Phayao Province for Thai people and people around the world Having eaten jasmine rice, you can experience the deliciousness of jasmine rice, “Hug Phayao” rice at leading department stores nationwide.

Khao Hug Phayao Project is a collaboration between the Company and farmers. Hom Mali rice growers in Phayao province to create sustainability together In which the company has arranged staff to give advice, advice and encourage farmers to grow rice properly using the GAP system (Good Agriculture Practices or Good and suitable agriculture).

Farmers will receive training from lecturers from the Rice Department and company staff to provide knowledge on various matters And close care such as soil preparation, selection of good quality seeds, suggesting planting varieties (Which will give you the wholesome rice Mixed varieties), rice cultivation, mixed breeding (as a way to prevent farmers from undercutting, lead time Product sold), fertilizing, weed control, water control In the field, care, as well as harvesting during appropriate. This is to build the confidence of farmers to be confident that there will be a market to support the exact produce, the company will buy back the produce from every farmer who participates in the promotion project. At a higher price Market because farmers pay attention to the quality of jasmine rice by planting the standardized GAP rice system. It will receive additional income. It also helps farmers reduce costs. The average production is 400-500 baht per rai and increases the yield of farmers by 10-20%.

Result

Thai Hom Mali, Hug Phayao, 2019

- Planting area 20,174 rai
 - 937 farmers
- (The company can buy output 6,735 tons)

Rice from farmers when it is used to produce Hug Phayao rice that is of quality, fragrant, soft, premium grade rice and also enhances the quality of life for farmers.



Case Study#22

Organic rice

Project background

The Company operates a project to promote the cultivation of quality jasmine rice with a focus on sustainability and environmental concern. Also recognizes the importance of producing organic or organic rice in order to reduce the use of chemicals, focus on the production that depend on nature and reduce the occurrence of health problems for farmers. Caused by the use of chemicals in the production process.

To comply with the above principles The Company has established a “Organic Jasmine Rice Plantation Promotion Project” in Wan Kham Subdistrict, Rasi Salai District, Si Sa Ket Province, where the company provides knowledge and advice from the production process including monitoring the conversion level. According to the principles of international standards, EU and NOP organic agriculture, including buying back at a high price in order to add value and raise the standard of living of farmers.



Result

Promote farmers

Organic Rice Promotion Project Year 2019

- Planting area 1,150 rai
- 80 farmers (Purchase of produce 1,055 kg.)



Requesting Certification

1

CP Intertrade Company Limited
has been certified for the EU
“scope processor”

sublicensee : Wangdaeng Factory
Buriram Factory

2

CP Intertrade Company Limited
has been certified for the EU
“Scope handling/processing”

sublicensee : Wangdaeng Factory
Buriram Factory

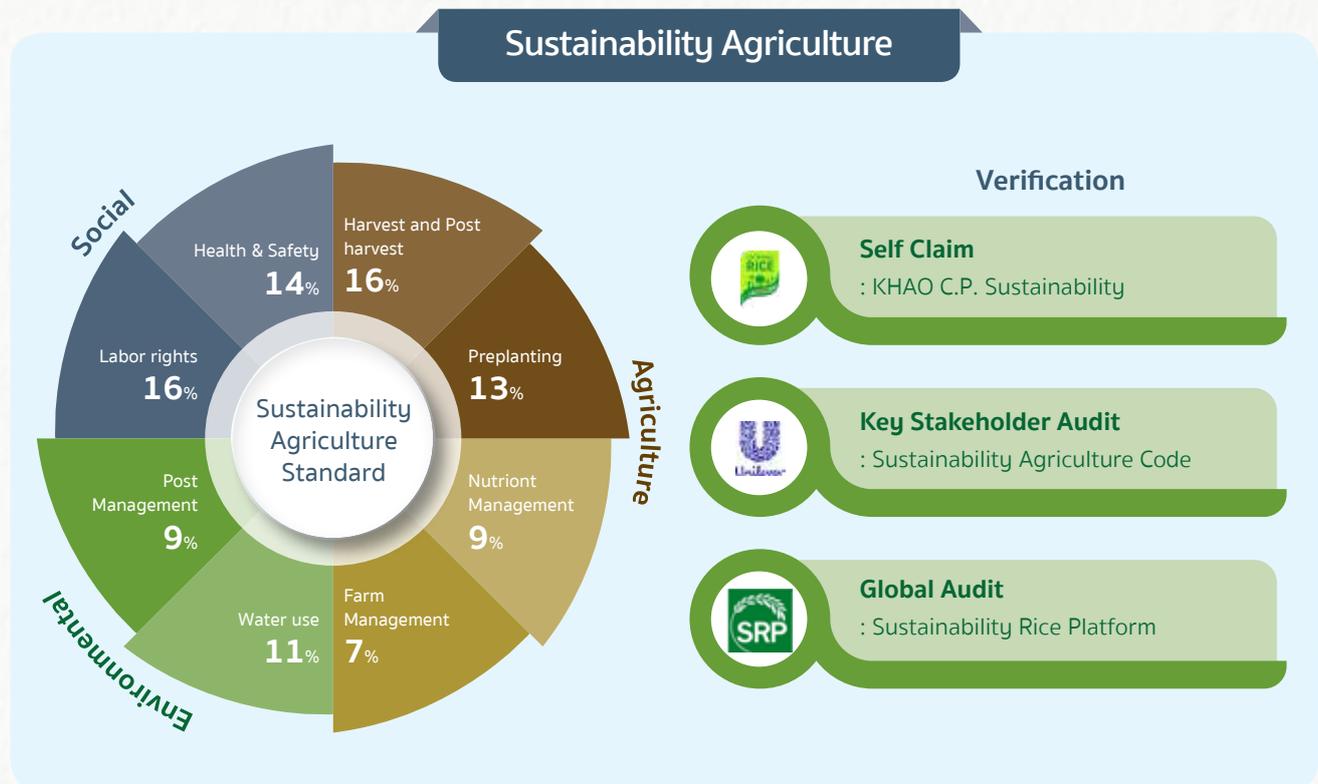
3

CP Food Store Co., Ltd.
has certified the US NOP
international standard system
“Scope handling/processing”

sublicensee : Wangdaeng Factory
Buriram Factory

Case Study#23

Sustainable Agriculture Development



Project background

Chat brand has always been committed to improving the quality of Thai rice while empowering Thai farmers in order to improve the quality of life of Thai farmers and to manage an efficient Thai rice production system.

The project provides rice raw materials that meet the quality standards, which will bring farmers to earn more income, and the company will be the market source for member farmers to buy back paddy from member farmers. The grown will have a fixed market through it in the form of the Company's rice planting promotion program.

Which operates in conjunction with Affiliate networks such as The government sector, farmers, members and the public sector have jointly created the added value of quality rice products that meet the GAP standards for more than 10 years with the success of the project, covering an area of more than 301,325 rai. Nationwide, with a total of 12,178 member farmers participating in the project. Of the project with an area of over 301,325 rai Nationwide, with a total of 12,178 member farmers participating in the project.

Sustainable Agriculture Model Is farming that responds to consumer needs and is friendly to the environment, the balance of natural conditions, which has many forms.

One, integrated agriculture is the production of two or more activities at the same time, which complement each other and create more value by making the most of the limited resources on the farm.

Second, organic agriculture is a production that does not use inorganic chemicals or synthetic chemicals, but can use organic chemistry and provide food safety for consumers.

Third, Natural Farming is agriculture that does not interfere with nature or Minimum interference, no tilling, no chemicals Do not use chemical fertilizers and It does not kill weeds but can cover the soil and use green manure. Natural agriculture will help restore the balance of the ecosystem. (Rehabilitation Of EcologicalBalance) and reduce dependence on external factors.

Fourth, New Theory Agriculture is the management of sufficient farm water resources to produce food crops, especially rice, for household consumption, as well as other production for consumption and distribute the rest to the market to generate income. Sufficiently. The new theory of agriculture will help to provide food security, which is the basis of the sufficiency economy. And five, agroforestry emphasizes large trees and economies of varying levels suitable for each area in order to utilize the forests of the supporting plants and animals, as well as to increase the limited forest resource area. Another way Agroforestry will help Biodiversity as well.

Ongoing Sustainable Agricultural Standard



The operation

International Trading Business Group CP Intertrade Company together with government agencies, synergy to develop a project to develop a traceability through sustainable rice standards. The objective of the Pracharat Rice Project is to promote the knowledge and ability of partner farmers to properly cultivate rice in accordance with food safety principles, have an effective management system and based on social responsibility and environment.

In addition, this project is another important project that helps Thai farmers to have better quality of life, have a better income, and create pride in the farmer's career, an important economic foundation of the country.

There are 3 issues of implementation which are:

1. Sustainability product, having operations in Carbon footprint of product and Water Footprint Product.
2. Sustainability Agriculture is in accordance with the requirements of the main partner, Responsible and Sustainable Sourcing.
By operating in accordance with the requirements of Unilever and operating in accordance with the Global Sustainable Agricultural Standard, namely Sustainable Agriculture Initiative Platform, Global G.A.P., Sustainable Rice Platform
3. Sustainability Development Goals for organization Focus on sustainable actions in accordance with the global sustainability goals.

Project implementation results.

- **Benefits to farmers.**
 1. A farmer is a producer of raw materials, which is the origin of various raw materials in the food chain (Food / Chain) in which the raw material production process will have various steps involved in order to obtain raw materials with sufficient quality and quantity.
 2. Farmers have to focus on the preparation of the planting area, selection of varieties, planting action, maintenance during planting, harvesting.
 3. Including delivering the factory for processing, in which each step needs to be collected and recorded for reference at each stage of cultivation.
- **Benefits to the company**
 1. Reduce the amount of recall of problematic rice products by only recalling troubled rice lots.
 2. It helps to protect the reputation of the company from damage, for example in the event that it can prove that the point of causing the problem is not due to the production process.
 3. It is a guarantee of quality and can search the source of rice products in the whole system.
 4. Ensuring consumers that they will consume food that is safe.
- **Benefits to consumers**
Consumers will be able to find out about the origin of the product they consume, and if there is any danger resulting from consuming that food, the consumer can trace the origin of the product or check from Under systematic recording of information at various stages, manufacturers to ensure the product results under a traceability system.

Support for vulnerable groups

Management Approach

The Company believes that the business will grow sustainably, the community and society must develop simultaneously. Therefore, the Company realizes the importance of supporting social and community activities and recognizes the role of good citizens and philosophy. 3 Benefits to the sustainability of the company (for the country, the people and the company) We aim to promote activities that benefit communities and society, especially around the areas where the company operates, using our knowledge and expertise to make a positive impact on society through a variety of support models, including: Financial support, giving goods, volunteering, including Transfer of knowledge in various forms, especially on access to nutritious food and thorough education. The company focuses on developing with vulnerable groups in 2 key groups. Including:

Disabled people

The company promotes access to the rights and welfare of persons with disabilities through With the Ministry of Social Development and Human Security and the Provincial Social

Development and Human Security Office, create opportunities and equality by employing people with disabilities to pursue a career that is suitable for individual abilities and competencies. This includes training to provide knowledge on work, benefits and protection for disabled persons, basic knowledge in social security, and workmen's compensation fund to promote people with disabilities to access dependent rights and welfare, improve their quality of life and reduce inequality.

And groups to create occupations, especially farmers

The company initiated a small farmer promotion project In the company's promotion program with the aim of promoting career and income among farmers without contractual obligations, but giving agriculture an opportunity to sell products to the healer at the most reasonable price. All of this is doing business where farmers have markets to support certain products and manage rice fields under the same standards as companies that are equivalent to international standards for direct benefits to farmers in the field of stable income and for consumers to consume quality food. And good for health.

Case Study#24

The Royal Prostheses Project

Project background

Thailand has a large number of people with disabilities who need prosthetics in order to have a good quality of life and be able to make a career and support their family with pride, not a burden to society, but the burden of prosthetics is there. The price is high. Prostheses Foundation of HRH Princess Maha Chakri Sirindhorn Boromarajonani can make prostheses at a low price because they can find substitutes for importing and making prostheses without charge.

Race, religion.

Project participants, employees and their families in the international business group In the form of participation in the project, the Company has supported the Prostheses Foundation in combining rings, pulling cans and expanding the results of the Royal Prosthetics Unit at Phitsanulok Province Since 2008 by donating rice for cooking throughout the donation of the royal prostheses.

Chumphon, Surat Thani, Nakhon Si Thammarat, Krabi, Songkhla, Guangdong China, Lao PDR, Myanmar, Cambodia.

1. Give Royal rice 5 kg. 90 food bags
2. Give 1 kg of rice, 300 bags for the disabled and volunteer prosthetics to join the royal prosthetics unit at the leg handing ceremony.
3. Take out the Chat Omelet Rice Booth, the opening ceremony and the artificial leg handover ceremony.
4. Bring people with leg disabilities found in the area to receive prosthetics services free of charge.
5. Invite business partners, customers to donate money to the foundation or attend a food service booth.
6. CSR SPIRIT volunteers to register for the screening of patients, translating local languages into ASEAN languages.

Objective

- 1. To stimulate the consciousness of sharing and sacrificing for others.
- 2. To create the participation of employees in the organization as well as partners and customers.

Performance in 2018

Project / location,	Number of prosthetics supported (legs)
Wat Borommathat, Kamphaeng Phet Province	114
Tha Muang Subdistrict Municipality Office, Kanchanaburi Province	124
Ministry of Public Health, Ubon Ratchathani Province	136
Multi-purpose pavilion in front of Wat Klang Mai Mueang District, Surat Thani Province	149
Nakhon Ratchasima Public Health Office	145
Total	668

Performance results in 2019

Project / location,	Number of prosthetics supported (legs)
Nakhon Ratchasima Province	149
Laplae Hospital, Laplae District Uttaradit Province	96
Saraburi Provincial Administrative Organization	66
Center for the Elderly, Songkhla Provincial Administrative Organization	112
Total	423



Case Study#25

Chang hand in hand project

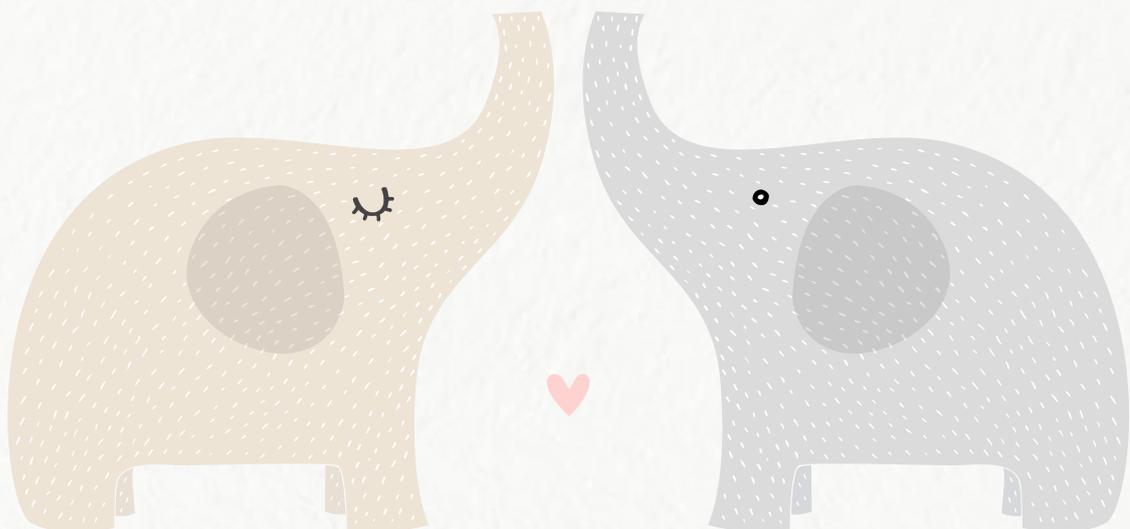
Project background

The present society of the country by 2021 will fully enter the aging society and find that most of the diseases that occur are patients with paralysis, which causes a pecking in the palm, causing wounds and symptoms of ligament shortening, or known as Consequently, the company created the idea of participation of employees to help society through the activity “**Khun Chang Shake Hands**”, which started the project last year. 2018 Help to make equipment, Khun Chang joins hands to deliver more 1,000 characters and has been running continuously for 2 years.

Objective

1. To raise awareness of employee participation, helping to share society through activities that can be done by themselves, creating pride and happiness in working with organizations that care for society.
2. Deliver basic medical assistance tools to help relieve the initial illness and reduce hospital expenses.
3. There was a integrated cooperation between the public and private sectors, strengthening the society together, delivering 2,999 elephants holding hands.

1. Chulalongkorn Hospital, Thai Red Cross Society
2. Siriraj Hospital
3. Ramathibodi Hospital
4. Chest Hospital
5. Phranakhonsriayutthaya Hospital
6. Chao Phraya Yommarat Hospital Suphanburi
7. Buriram Hospital
8. Kamphaeng Phet Hospital
9. Saraburi Hospital





hest Hospital



Chula Hospital



Ramathibodi Hospital



Wassanawet Welfare Center



Employees join forces to make Khun Chang shake hands.

STAKEHOLDER ENGAGEMENT





The challenge

Comprehensive stakeholder engagement is at the heart and is incorporated into the strategic development of all companies in the international trade group to balance corporate operations and stakeholder expectations. Stakeholders. As well as building good relationships with stakeholders by considering the needs of the stakeholders to respond in a manageable way that is important to both the business and the stakeholders.

2020 goals

100% of CP Intertrade company Limited and Company In the international trade business, there is a process for creating engagement with stakeholders.

2019 results compared to goals.



	2017	2018	2019	Target for 2020
Number of business lines.	2	7	7	7
Number of companies.	2	7	7	7

Key Performance Results of 2019



All companies

Stakeholder groups are defined and looking for needs and expectations.



Listening to the voice of stakeholders

The engagement and trust of 14 stakeholder groups with the organization is surveyed every year.



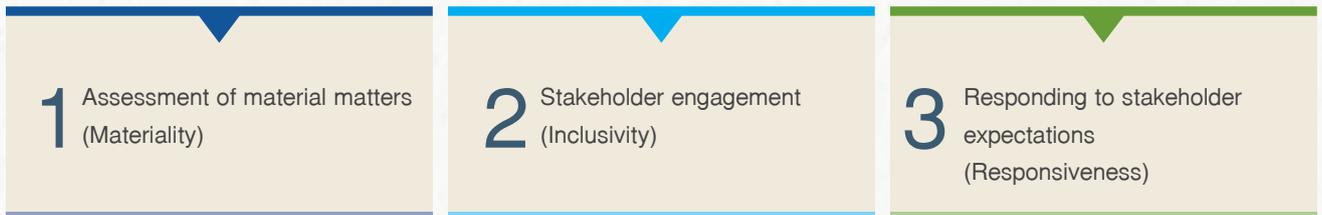
Mr. Wittaya Sriarirak
Senior Executive Vice President,
Agricultural Products and
Cassava Starch Business

“The Company is an organization that has been engaged in agricultural products business for over 40 years with the mission of the organization to create sustainability for the Thai rice industry, enabling Thai farmers to have a career and stable income. The importance of producing standard quality rice products, can be traceable at every step of production to build confidence and trust among consumers.”

Framework for Operations with Stakeholders



Stakeholder engagement



Establish guidelines for identification of stakeholders, prioritization, formulation of a collective participation plan, stakeholder capacity development, monitoring and reporting. In this regard, the Company responds, anticipates and allows all groups of stakeholders to express their opinions through various channels and direct their opinions and important issues in accordance with the issues of stakeholders. Interest as in the following table.

Stakeholder Groups	STAKEHOLDER EXPECTATIONS	COMPANY RESPONSES	COMMUNICATION AND ENGAGEMENT CHANNELS
 EMPLOYEES	<ul style="list-style-type: none"> • Career stability and progression • Good welfare and compensation • Employee participation and involvement • Employee development 	<ul style="list-style-type: none"> • Evaluate employee performance fairly and equitably • Provide appropriate compensation and welfare benefits • Take employee comments and suggestions for improvement • Organize training courses that meet Company needs and are up to date 	<ul style="list-style-type: none"> • Town hall Meeting • CEO Talk • Welfare Committee and safety committee • Suggestions and complaints • Social media/email • Employee satisfaction and engagement survey
 COMMUNITY AND SOCIETY	<ul style="list-style-type: none"> • Take safety and the environment seriously • Support activities that benefit communities • Handle complaints fairly 	<ul style="list-style-type: none"> • Control the pollution prevention system efficiency • Promote job creation and income generation in communities • Collaborate with communities to respond to their needs systematically 	<ul style="list-style-type: none"> • Sustainability report/ CSR report • Social media/email • Suggestions and complaints • Organize activities with communities

Stakeholder Groups	STAKEHOLDER EXPECTATIONS	COMPANY RESPONSES	COMMUNICATION AND ENGAGEMENT CHANNELS
 Customer/ Consumer	<ul style="list-style-type: none"> Quality products at reasonable prices Food safety Deliver on time Product ticket information is accurate and clear 	<ul style="list-style-type: none"> Provide high quality and responsible services Deliver quality product on time Take responsibility for products and services Traceability system 	<ul style="list-style-type: none"> Customer Service Center Direct contact with customers Annual customer satisfaction survey Suggestions and complaints
 PARTNER	<ul style="list-style-type: none"> Transparency in business Equal business opportunity Human rights and labor practices throughout the supply chain 	<ul style="list-style-type: none"> Transparent and fair procurement contracts Fair and transparent competition Organize capacity-building training courses Human rights and labor practices throughout the supply chain 	<ul style="list-style-type: none"> Annual meeting Training for suppliers Social media/email Suggestions and complaints
 Shareholder / Investor	<ul style="list-style-type: none"> Good corporate governance Risk management Effective management strategies Transparency in management Business growth, stability and profitability 	<ul style="list-style-type: none"> Good corporate governance Conduct business with transparency and uphold good governance Manage effectively to build trust and maximize returns Fully disclose information in a transparent and continuous manner 	<ul style="list-style-type: none"> Quarterly investor briefing Sustainability report Social media/email
 Mass Media/ Online media	<ul style="list-style-type: none"> Obtaining accurate, smooth and clear information. 	<ul style="list-style-type: none"> Fully disclose information in a transparent Build good relationship with the media. Support and participate in media activities. 	<ul style="list-style-type: none"> Sending press releases Press conference Sustainability report Social media/email
 Government Auditor	<ul style="list-style-type: none"> Compliance with the law and uphold good governance Supporting public policy Cooperate in government activities 	<ul style="list-style-type: none"> Disclose information in a transparent manner Conduct business in a lawful, fair and transparent manner Ensure compliance with laws and regulations Cooperate in government activities 	<ul style="list-style-type: none"> Listen to and exchange opinions with government agencies on a regular basis Organize activities with the public sector Listen and share opinions Plant Visit Sustainability report Social media/email
 Supplier	<ul style="list-style-type: none"> Transparency in business Equal business opportunity Human rights and labor practices throughout the supply chain 	<ul style="list-style-type: none"> Transparent and fair procurement contracts Organize capacity-building training courses Human rights and labor practices throughout the supply chain 	<ul style="list-style-type: none"> Annual meeting Training for suppliers and activities to build relationship between the Company and business partners Social media/email Suggestions and complaints
 Competitors	<ul style="list-style-type: none"> Comply with conditions, rules and laws Equitable, transparent and fair competition 	<ul style="list-style-type: none"> Comply with business ethics and laws Conduct business with honesty and fairness 	<ul style="list-style-type: none"> Sustainability report Social media/email Suggestions and complaints
 Non-profit organization	<ul style="list-style-type: none"> Operate business with consumers and society in mind Operate business with transparency 	<ul style="list-style-type: none"> Operate business with due regard to environmental and social impact. Disclosure of information completely and transparently. 	<ul style="list-style-type: none"> Sustainability report Social media/email Suggestions and complaints Joint activities
 Creditors and banks	<ul style="list-style-type: none"> Make full and on-time payments Accurate and transparent financial information. 	<ul style="list-style-type: none"> Provide accurate and complete financial information Comply with contract terms Strictly follow the conditions Pay off debts on time 	<ul style="list-style-type: none"> Sustainability report Social media/email Suggestions and complaints



ท่าเรืออยุธยาและโลจิสติกส์

AP-Q1

MAERSK

MAERSK

Case Study#26

Development of Transportation Management System via Backhaul System, Collaboration with CPF and BKP Partners in Contamination Prevention and Supply Management Chain the whole system to be efficient As a result, the shipments at Ayutthaya Port Company and ICD have increased in volume.

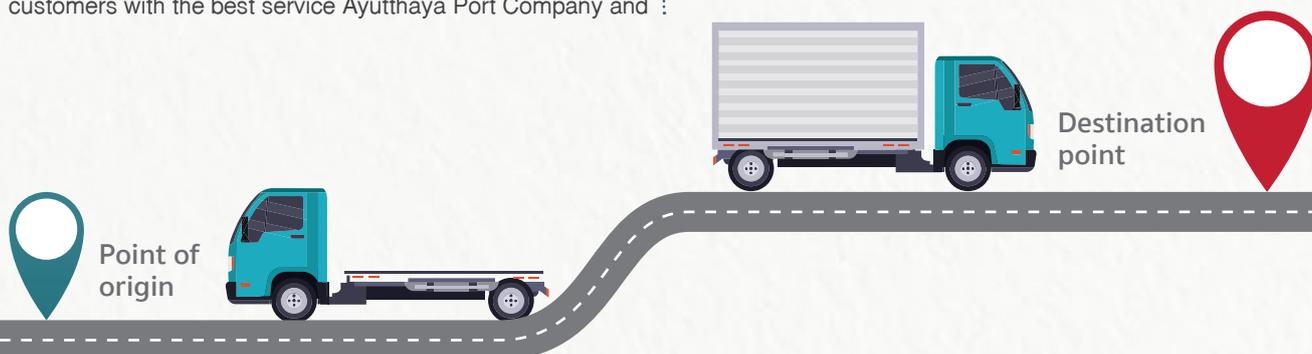
Project background

The development of services of Ayudhya and ICD started with providing Mainly in-house services through ports and supply chain management for rice companies. C.P. before expanding to outside customers with the initial concept of wanting to reduce the run of empty buses As previously mentioned, we provide transportation and management services in the business.

The management approach is to provide opportunities to develop and improve jobs because, as you know, a good transportation must consist of both round-trip transportation, and we, a company that combine with business partners of a fleet that we can manage to achieve Back Haul to provide customers with the best service Ayutthaya Port Company and

ICD, that manages logistic in order to create more competitive potential in both cost and environmental concerns, resulting in return shipping (Backhauling) and reversed logistic are increasingly playing a role in the design of distribution networks.

CP Rice Company Limited and Port Company Ayutthaya and ICD Co., Ltd. in the international trade group Found in the management of the return vehicle is the inability to utilize the vehicle (Load Utilization) and the use of fuel energy for maximum efficiency.



Operation

Implementation of the Transportation Management System: TMS and the transportation network system to reduce the number of empty buses (Backhauling Management System: BMS) with details as follows.

The TMS system is responsible for the management of internal transport. Establishment Which supports 3 main areas which are

- (1) order management of incoming customers
- (2) transportation management, both in the issuance of worksheets, management of vehicle vehicles, driver records, maintenance
- (3) Financial management The system also collects performance indicators, KPI. It is related to the transportation, such as the cost of transport, the average time of delivery of the product, the ability to deliver the product etc.

In order to allow executives to see the efficiency of work quickly and the system developed by the Bureau of Logistics also supports the Q-mark standard of the Department of Land Transport as well.

BMS system is responsible for matching the return journey, not allowing the car to run empty, the system can receive data both from the input. You can also directly receive data from the TMS system, which reduces time and errors that may occur.

Both systems were developed under the function of an enterprise resource management system. In order to provide the most efficient logistics management, the system will be linked to GPS and electronic maps to provide convenient transportation routes.

Health and Well-Being





Challenges

CP Intertrade company Ltd. and companies in the international trade business group intend to develop products and push forward programs to promote health and well-being of consumers, especially products that are the main products in accordance with the guidelines for the health of Thailand and international by using the potential, Company resources and stakeholders to prevent and solve health problems of All groups of people. To support the Sustainable Development Goals, Goals 2 and 3 focus on eliminating hunger and promoting health and well-being.

Goals 2020

30% of new products will help promote health and well-being

Key Performance Results of 2019



37.5%
New products

promote better health and well-being



3 new products

will help promote health and well-being

2019 results compared to goals



	2017	2018	2019	Goals 2020
Number of new products focused on health and well-being	2	3	3	10
As a percentage of all products	45	34	37.5	30



Sivaporn Daengchot

Senior Deputy Managing Director, Quality control, Quality assurance, research and development

“ The company attaches great importance to every step of the production process, creating rice quality standards that meet the expectations of the customers. Both the development of personnel who have the core values of fast and quality make the production process development that There is efficiency, delivery and quality of products that are consistently standardized by using modern production technology and emphasis on quality control. In every process, with laboratory and quality inspection equipment Standard, modern. ”

Management Guidelines and Management of Health Product Innovation

Food industry Especially rice products It's one of the industry's most constrained in finance, technology and more. The transition from conventional manufacturing to innovative production or creating added value for products is of great importance in the food industry. As the world enters an era of rapidly advancing technology, the country's people live in a hurry and pace. Into aging society (Aged Society). Therefore, the trend of the food industry focuses on functional foods, healthy food or nutritional extracts to produce high quality food, as well as other related processes such as food storage and transportation technology.

Management guidelines consist of

1. Policy and Commitment Announces Commitment Under the Code of Practice for Developing Better Health Products Health and nutrition policy; and Other related policies.
2. Research and development, research and development of innovative food and food products for consumption of various quality and in line with market demand.
3. Innovation Organization, Promote a working environment that encourages innovation for a sustainable organization.

Case Study#27

RU Health and Wellness

Thai society has started to enter the “aging society” since the year. Since 2009, due to the increasing proportion of the elderly population and The average life expectancy of the elderly has increased, giving the management an idea. And the employees of the International Trade Business Group have been doing activities that bring smiles to the elderly and also contribute to society and support healthy products.

The project has resulted in employees and management taking pride in working in organizations that contribute to society. With the following objectives:

1. To create activities that are valued and important to the elderly to encourage and create happiness for the elderly. Local communities and hospitals across the country.
2. To build a good relationship between executives and employees, undertake social activities together and cultivate a consciousness of sacrifice for the public.
3. To create a good image with the company In helping society.



Case Study#28

Rice oil

Project background

Because the company wants to expand the rice business fully The cycle, having realized the benefit of a by-product obtained from rice milling, namely rice bran. Rice bran is the part that can be developed into rice bran oil, which has many benefits and is a popular product among health-conscious people. Therefore, it is the origin of the new business model. Starting from crude rice bran oil And continue to be refined rice bran oil 100% Cook Enjoy brand.

Operation

1. Select and audit manufacturers that can produce products. That the company wants.
2. Manage quality rice bran raw materials.
3. Develop production methods, quality inspection. Including setting product standards in order to make the products more competitive in the market And has excellent quality.
4. Bring prototype products for customers to consider.
5. Open market and release.



Premium **RICE BRAN OIL**

Cook enjoy

Cook Enjoy Rice Bran Oil

- ✔ Natural high in antioxidants (Gamma Oryzanol is found only in rice bran oil, with up to 8,000 pom and vitamin E.)
- ✔ Resistant to heat temperatures up to 250 C
- ✔ Phytosterols capture bad fats from the body.
- ✔ Free from bad trans fat
- ✔ Reduce the risk of heart disease.
- ✔ No smell, neutral taste
- ✔ Cook every menu delicious food Make salad, stir-fry, and bakery

Case Study#29

Sports support

'Chat' to Sport Marketing, extending to Lifestyle Product

“CP Intertrade” introduces Sport Marketing strategy to expand the brand “Chat” brand to Lifestyle Product and help raise the bar. Thai sport by sponsoring the Women’s Golf Association to support youth Thailand showcases big results in the world, aiming to increase budget by 25% in 2020.

CP Intertrade Co., Ltd., manufacturer and distributor of “branded rice Chat” focus on sports marketing strategy (Sport Marketing) and is considered one of the strategies to build brands and expand access to consumers both in the country and abroad through supporting, promoting and creating opportunities for Thai youth to play sports and competitions with athletes that create outstanding works as a model.

The main goal is to make the tiered rice a part of daily life. Or Lifestyle Product. By bringing the rice brand Chat to be a part of music sports will make A brand closer to consumers, helping to change the consumer view of Royal Umbrella Rice. The project makes the brand lively. The project will be implemented both in Thailand and abroad. Considered as a Global Platform starting from Thailand reflects all over the world. Currently, Chat brand rice has been exported to more than 100 countries.

Estimated for a sports marketing strategy of over 15 million baht and will increase to over 20 million baht in the next year through sponsorship of athletes, sports associations, as well as organizing various events. Recently, the Royal Umbrella Rice sponsors the Women’s Golf Association.

Under the royal patronage of Her Majesty Queen Rambhai Barni, the Queen of King Rama VII, who is the caretaker of young golfers. such as “Nong Jean - Ataya Thitikul” a wonderful young golfer And is a model for young Thai youths interested in sports but lacking opportunities and all-round supporting factors in terms of money, coaches and sports science.

“The sponsorship of the Women’s Golf Association will be a driving force for” Nong Chin “and other young golfers. They are encouraged to practice and do their best work. In this year, “Nong China” has many competitions programs both at home and abroad. Such as the Asia-Pacific Women’s National Team Competition Win the Queen Sirikit Cup or the “Queen Sirikit Cup” Which “Nong Jean-Ataya” won the 40th competition last year 2018, Thailand Amateur Women’s Open Golf Tournament Win the trophy of Her Majesty Queen Rambhai Barni. 7 and the international club championship team, including establishing a Women’s Golf Skill Development Fund to develop skills and Skills of young golfers to advance to the national and turn pro level to become professional golfers as well.



Case Study#30

Sports support

Under the Thai Rice Project, Thai Children Project

Project background

CP Intertrade Company Limited and companies in trading business group International Focus on sports marketing strategy (Sport Marketing) and is considered as one of the branding strategies and extends to reach the consumer groups in the country and abroad through supporting, promoting and creating opportunities for Thai youth to play sports and

competitions, tournaments, with outstanding athletes as a model. The main goal is to make the rice brand a part of daily life or lifestyle product through various activities and communication to create awareness through sports or sports. Marketing which is part in the daily life of consumers.

Operation

- Support for Ban Thongyod Badminton School
- Support badminton athletes
- Support for the Women’s Golf Association
- Support for True Bangkok United club

Result

- Support of Ban Thongyod Badminton School (2016-2020)
- Support for badminton athletes (2017-2020)
- Ratchanok Inthanon and Kulawut Wititsan
- Support for the Women’s Golf Association (2017-2020)
- Support for True Bangkok United Club (2017-2020)



Case Study#31

Support for Academic Olympics

Under the Thai Rice , Thai Children Project

Project background

C.P. Intertrade Co., Ltd. is the main sponsor. The project sends the representatives of Thailand to the International Mathematics, Science Olympiad and is the only private company that continuously supports the project over a period of 17 years, which is another activity that will help fulfill dreams of Thai children. Developing the potential of Thai children with intellectual ability to become smart children and to promote this youth group to grow and join in developing Thailand towards Thailand 4.0 era. Which sees that the national development policy To “Thailand 4.0” from the government that the government drives the country with technology and innovation, it is necessary to rely on highly skilled personnel.

Operation

- Supporting scholarship funds for representatives of Thailand every year.
- Olympic teaching camp activities for the year 2019
- Supporting the organization of the 3 Decades of Her Majesty’s Will to Academic Olympiad 2019
- Organize seminars on youth.

Result

- Began to support from 2004 to present in 2020.
- Total support for a period of 17 years



INNOVATION





The challenge

The economic challenge of the 4.0 era is rapidly changing consumer demand and direction. World class at C.P. Intertrade Co., Ltd. And companies in the international trade business group Charoen Pokphand Group It needs to be adjusted accordingly. Moreover, the business context places greater emphasis on social and environmental responsibility. Innovation is our priority, and we believe that it will help drive the business forward with sustainability on the basis of rapid change

2020 goals

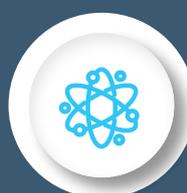
Increase the value of product and process innovation by 50% compared to the base of 2016

2019 results compared to goals



	2017	2018	2019	Goals 2020
Number of patents and petty patents	1	2	0	10
Number of innovations	-	52	74	100

Key Performance Results of 2019



85.50 million baht

Economical results from the project to reduce costs and increase efficiency.



74 people

The number of innovators who have invented innovative projects, reduce costs and increase efficiency.



Thammavit Srikerkkrit
Senior Vice President of
Manufacturing and Engineering

“ Chat brand has continuously developed innovation and technology for rice production. Innovation and development of supply chain management that is developed with farmers. Manage the GAP standard rice production system under the Sustainable Rice Planting System Development Project, increase raw material capacity, both quantity and quality, the rice quality improvement system at the Siam City Rice Plant. Which is a factory that has been certified to international standards including GMP, HACCP, ISO9001: 2015, ISO14001: 2015 And BRC standards The system for keeping the quality of rice with cold temperature room, clean and safe transportation and delivery management system before delivery of the Chat brand to consumers are all the main missions of the company that we have always given great importance. ”

Innovation management approach

It is an important strategy and in line with the implementation of the values “innovate”, innovation will result in the organization’s leapfrog change, increase its competitiveness and create sustainable growth.

And able to deliver value to the stakeholders of the organization continuously. CP Intertrade and companies in the international trade business group has set directions, objectives, goals and strategies to develop the organization to become an organization of Innovation consists of setting up, policy of innovation, creation of innovation, management of intellectual property, as well as creating an innovative organization to drive systematically and continuously develop.

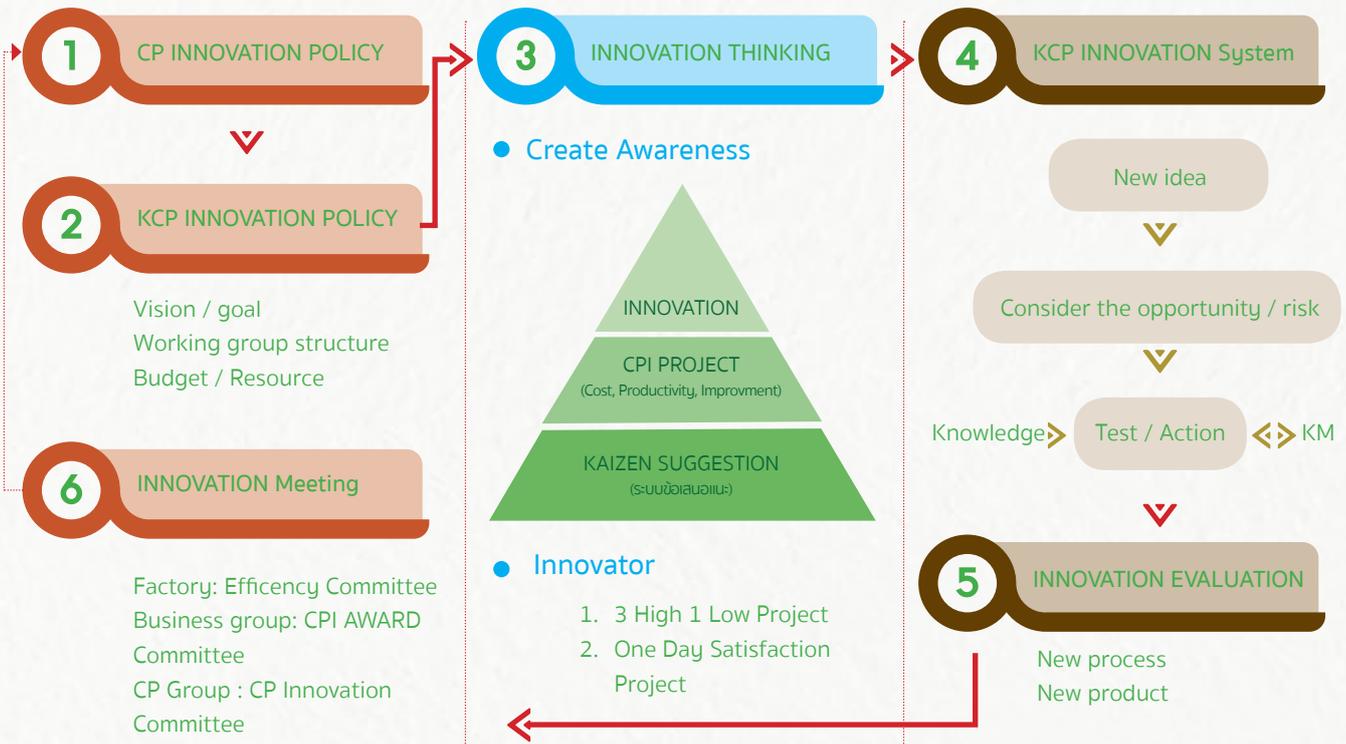
The company focuses on cultivating employee attitudes and subconscious minds to improve Develop and innovate It also encourages employees to grow and progress along with the organization. The company has held a contest every 2 years continuously to share knowledge and exchange experiences for employees in the company. In addition, the company promotes innovation by creating incentives for rewards and has a system for awarding innovator contributions as personal reward points for employees.



Policy formulation of innovation management

Creating an innovative organization

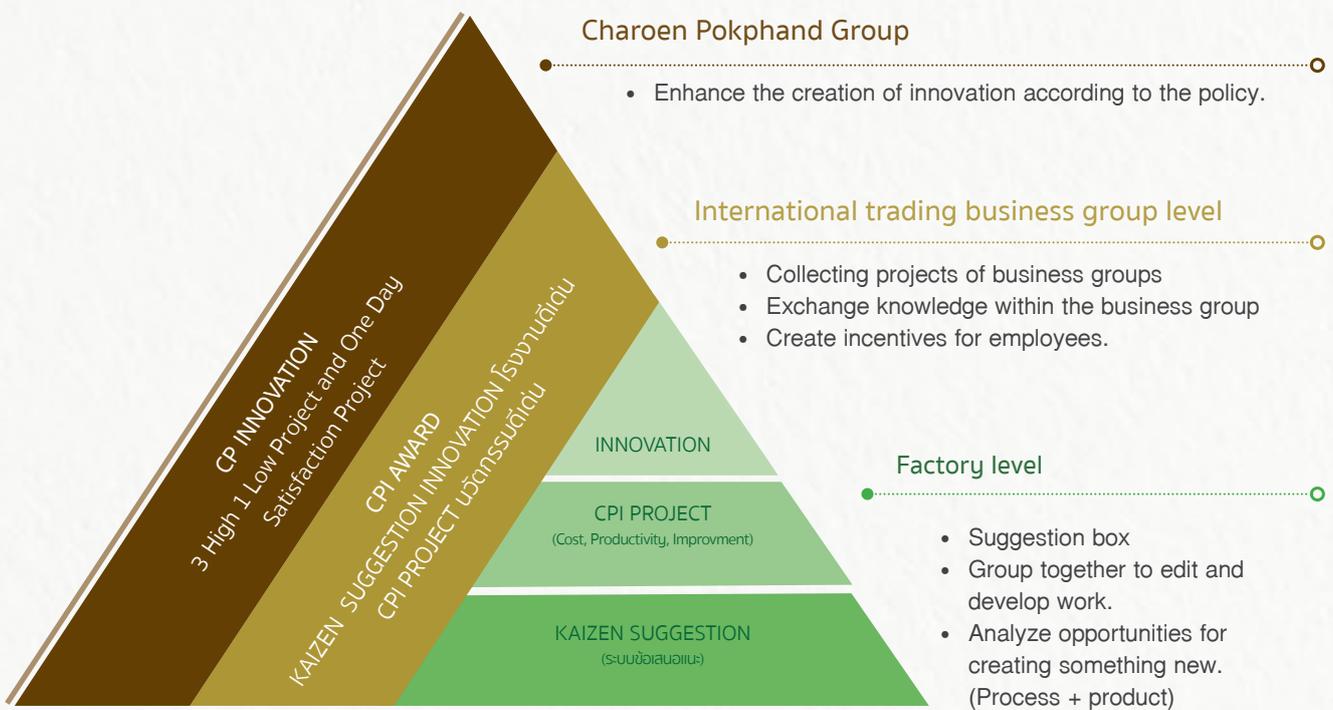
Policy-based innovation



Creating an innovative organization

C.P. Intertrade Company Limited and Company In the commercial business group The international community recognizes the importance of cultivating and creating a positive attitude towards creation, innovation and development t create innovation covering 3 areas: economy, technology and society. The company started by focusing on the operations of the operational staff. By focusing on employees to solve problems on-site by themselves, a feedback system (Kaizen Suggestion), and it provides incentives by creating a platform for employees to present their management as they develop and develop into a certain culture. Next, there is a goal for employees to work together, so there is a teamwork set.

Using the concept of QCC System allows employees to group together. Solving tougher problems, decisions are made between teams to achieve joint resolution through the CPI Project process, covering optimization, cost reduction and continuous improvement. Then focus on cooperation as “Cross Function” develop into the Innovation System process sent to “CP INNOVATION” of the group. Employees show their potential in the CPI Award performance contest with the aim of recognizing innovators who invented their work and to share. Employees’ knowledge and experience exchange, and outstanding works will be developed and upgraded to the Group’s innovation competition.



Factory level
Meeting of the optimization project



Business group level
CPI Award

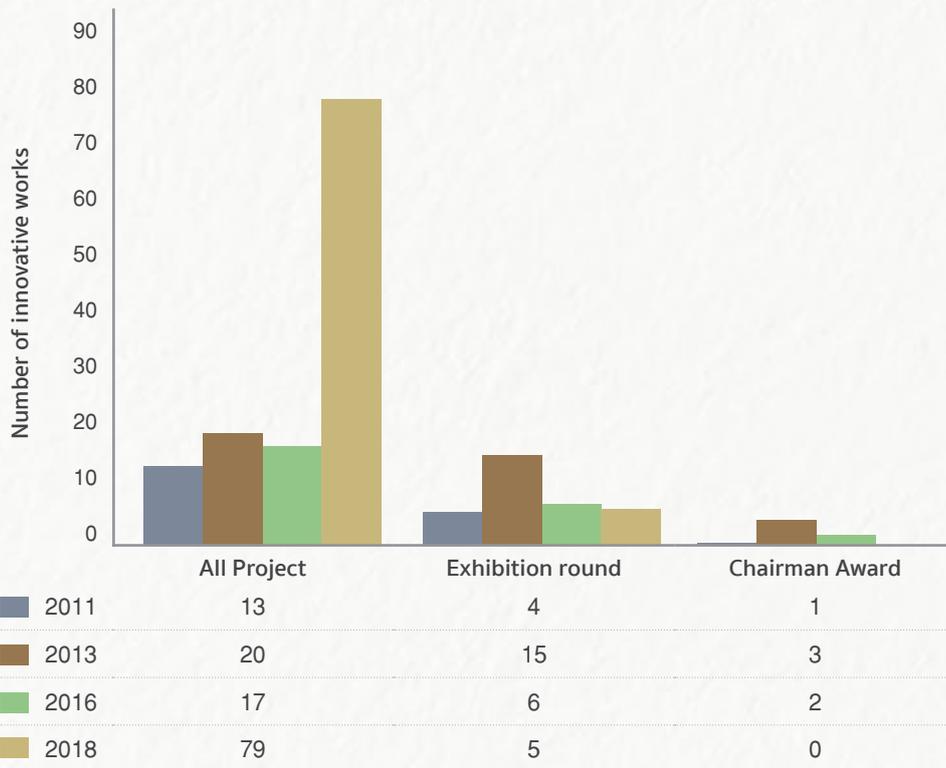


Charoen Pokphand Group
CP Innovation Fair

The works attended the CP Innovation Fair ,Charoen Pokphand Group

CP Innovation Festival is a platform for employees of the Charoen Pokphand Group to think of new innovations to enhance their potential, operations covering economics, technology. Society and Stakeholders: In this regard, there is an outstanding innovation contest process within the organization 2 years / time and a Chairman award Award to employees who invent outstanding innovation By Chairman of the Executive Board of Charoen Pokphand Group.

Of C.P. Intertrade Company Limited And companies
in the international trade business group.

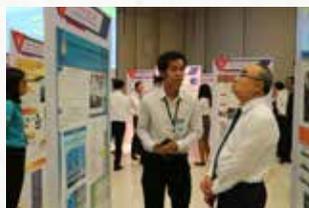


Case Study#32

One Day Satisfaction Project

CP Intertrade Co., Ltd. aims to drive all employees to participate in initiatives, innovations and initiatives to improve their own work, and grow into innovation through a one-day satisfaction program that is consistent with With the policy The company believes it will create the participation of all employees throughout the organization to become an innovative organization. The One Day Satisfaction Project is based on the principle of implementing advanced technology to achieve high quality, increase efficiency and reduce costs. By the One Day Satisfaction Project with principles and ideas from Senior President Thanin Jearavanont who teaches employees In Charoen Pokphand Group, everyone learns to be content with

their current achievements in just one day and tomorrow to think of a better way. From this concept, it is the foundation for employee engagement. In addition, to motivate the employees, the company has appointed a working group to drive the implementation of the one-day satisfaction program and promote Through a rating system when employees are involved in the preparation of a project. And when judged by the board of directors, employees are rewarded as individual points and when the score reaches the level specified by the Charoen Pokphand Group, employees are recognized as innovators at various levels.



International Trade Group's One Day Satisfaction Project Presentation

Results and benefits

Number of projects **338** projects

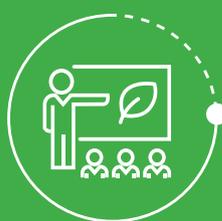
186 Employed Employees

Engineer **74** people



HOME





C.P. Intertrade Company Limited and companies in trading business group International The Charoen Pokphand Group realizes the importance of environmental sustainability by operating the business under the concept of the use of natural resources for maximum benefit along with the organization's business principles under

The concept of “**Green Culture**” is instilled in the activities of the people in the organization, conveying the brand and its products.

To achieve our vision to be a leading company in integrated rice and industrial agro business within the framework of this vision. Mission and Policy : Safety, Occupational Health, Environment Energy and efficiency Therefore, setting the following environmental sustainability goals.

- 1) Greenhouse gas emissions
- 2) Water consumption
- 3) Ecological protection and biodiversity
- 4) Responsible supply chain management environment

CLIMATE CHANGE MANAGEMENT





The challenge

The challenge of the economy in the 4.0 era is rapidly changing consumer demand, leading to new directions. World class at C.P. Intertrade Co., Ltd. and companies in the international trade business group Charoen Pokphand Group Business operations are also concerned with social and environmental responsibility, so innovation is one of the company's priorities and believes in driving the business forward with sustainability in the midst of rapid change.

2020 goals

Reducing greenhouse gas emission concentrations per unit income by 10% compared to the 2015 base year.

2019 results compared to goals



	2017	2018	2019	Goals 2020
Number of products with carbon footprint assessment	2	3	3	5
Reduction of greenhouse gas emissions	-	43.51	32.54	10

Key Performance Results of 2019



Reduce greenhouse gas emissions

2,196 Ton CO₂-eq

Managing and increasing energy efficiency from 2018



Proportion of renewable energy

58.55 %

Renewable energy in business activities



Policy announcement

Change Climate

at the business and agency level



Wirach Liranyakun

Executive Vice President
Purchasing rice in the country and abroad

“ The company is focused on managing greenhouse gases and considers such goals to be jointly driven. ”

Management guidelines

Greenhouse gas policy

“ Sustainability in Carbon Neutral, We have 2030 goals, if we have reforestation, we have carbon generation, these credits we can make the system of zero carbon generation. ”

Suphachai Chearavanont
Chief Executive Officer,
Charoen Pokphand Group



- Carbon Offset to keep the organization's greenhouse gas emissions equal to zero.
- Development and improvement of technology and use of Innovation has led to the reduction of greenhouse gas emissions such as atmospheric carbon capture and storage.

- Correct use of fertilizers in farmland and carbon sequestration, reducing greenhouse gas emissions in orchards.



- Industrial wastewater management.
- Refrigerant replacement / modification.



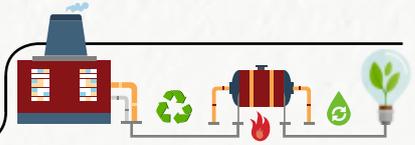
- Technological improvements and innovative applications have led to reductions in greenhouse gas emissions, such as atmospheric carbon capture and storage.



Using renewable energy and increasing efficiency in building and industrial energy use.



Increase the efficiency of transport energy, use of biofuel for vehicles.



Increasing the production of biogas from industrial wastewater by reusing methane.

Green House Gas governance structure



Mr. Sumeth Laomoraphorn
Chief Executive Officer

Mr. Thammavit Srikreerkkrit
Senior Vice President

Plant Manager

Cost Productivity Improvement Committee

Person responsible for energy

Safety Committee

Energy Team

Human Resource/ Admin

Production

Safety

QC/QARD

Accounting

Raw material Warehouse

Finish Good Warehouse

Purchase Packaging

Packaging Warehouse

Packing

Planning

Enterprise Resource Planning

Engineer

Weighting Inspection

Management Approach



Energy efficiency management

Analyze communication activity planning channels



Goals for energy management and optimization

Goals of the organization to be the leader in energy

Master the global rice and food industry

- Automation **65 %**
- Building upstream business base
- Innovation project and cost reduction **70** million baht.

- Automation **100 %**
- Build a rice business abroad,
- Innovation project and cost reduction **100** million baht.

- Automation **80 %**
- rice processing products
- Innovation project and cost reduction **100** million baht.

 **1 Year**

 **5 Year**

Thailand Energy Award. Factory Control (3)
Phachara (3) Transport (1)
Promote (1) ASEAN AWARD (2)

TEA and ASEAN AWARD
Every factory

 **3 Year**

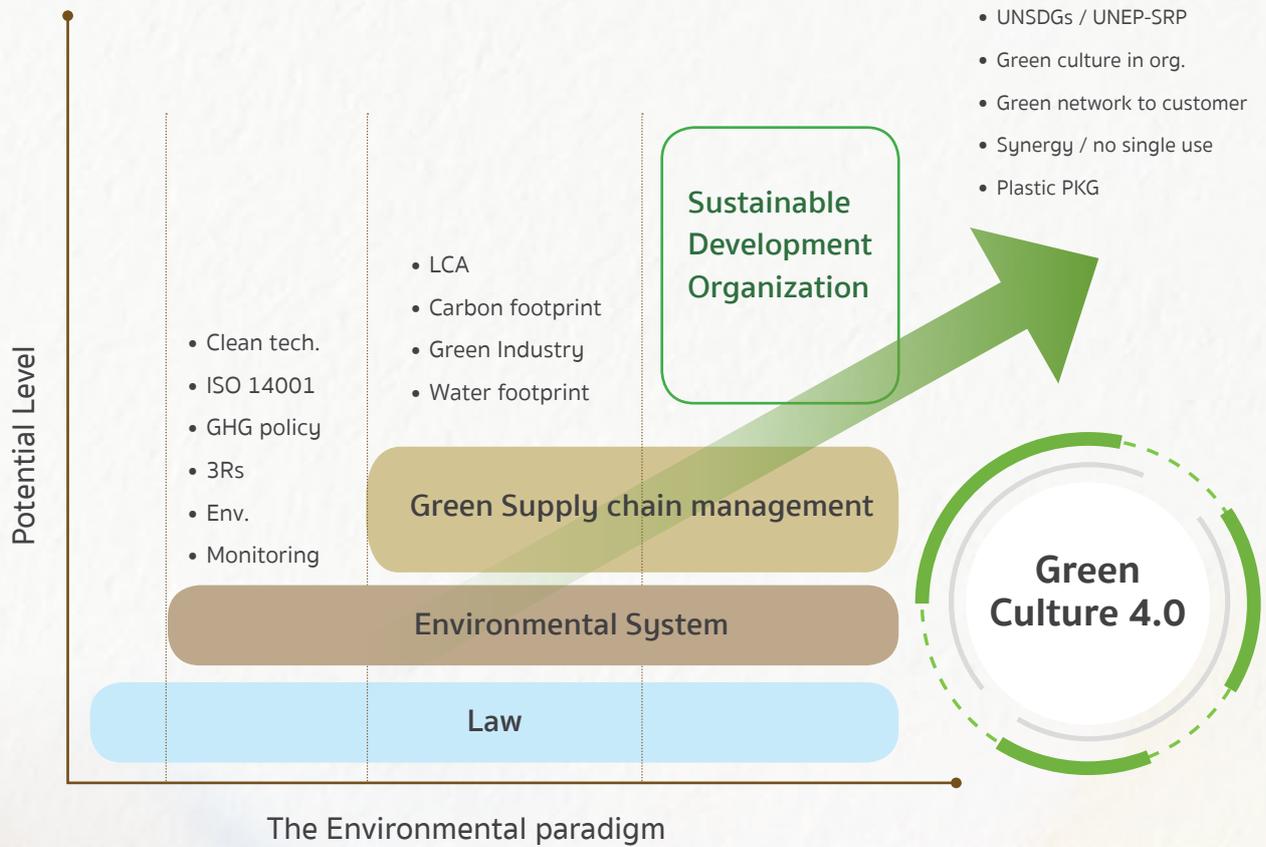


Activities and results of implementation, management and optimization of energy.



Learning base activities towards corporate sustainability.

Pollution prevention



Pollution Prevention Results

CP Intertrade Company Limited and the international business group are aware of environmental management by giving importance to **“Pollution prevention, compliance with the law and continual improvement”** The company has implemented ISO standards. 14001: 2015 The pollution prevention system that occurs from the production process is set up as follows.

1. Water pollution

In the production process does not generate wastewater, the Company’s waste water is generated from the activities of the cafeteria and staff dormitories which the company has Install an aerated wastewater treatment system. The quality of effluent annually to prevent environmental impact.



2. Air pollution

The company has a dust removal system. Collector to remove dust from the beginning of the process and during production so as not to affect the environment, and the bran dust enerated from the dust removal system can also be sold to create value regularly.



3. Waste management

The company has educated employees. Subject to waste separation of There are 3 types of companies: recycled waste, general waste and hazardous waste. And communication on waste separation to foreign contractors by labeling the waste classification in foreign languages. And the company has sorted waste before exporting it for further disposal. As for hazardous waste, it is sent for disposal according to the law.



Case Study#33

Carbon Footprint products



2020 goals



Greenhouse Gas Emissions Reduction Program. Product life cycle.

Hom Mali rice products decreased by **8.0%**
 White rice products decreased by **39.9%**

Reduces greenhouse gas emissions by **10%**



Hom Mali rice

3.97
kCO₂/kg rice
9.74%

2018

4.06
kCO₂/kg rice
7.75%

2016

4.40
kCO₂/kg rice
8.9%

2012

4.83
kCO₂/kg rice

2010



White rice

2.47
kCO₂/kg rice
6.79%

2019

2.65
kCO₂/kg rice
39.95%

2013

4.43
kCO₂/kg rice

2010

Carbon footprint of Thai White Rice size **15 kg**



Japanese rice

2.20
kCO₂/kg rice
2015

Case Study#34

Carbon Footprint Organization

C.P. Intertrade Company Limited and International Trading Business Group Charoen Pokphand Group Get a certificate A prototype factory for conducting carbon footprint assessment The organization in the event “Hearts to Reduce Global Warming” emphasizes its commitment to sustainable business operations by effectively managing and operating activities to reduce greenhouse gas emissions, thereby reducing the overall environmental impact of the country and Driving Thailand towards a low-carbon economy and society.

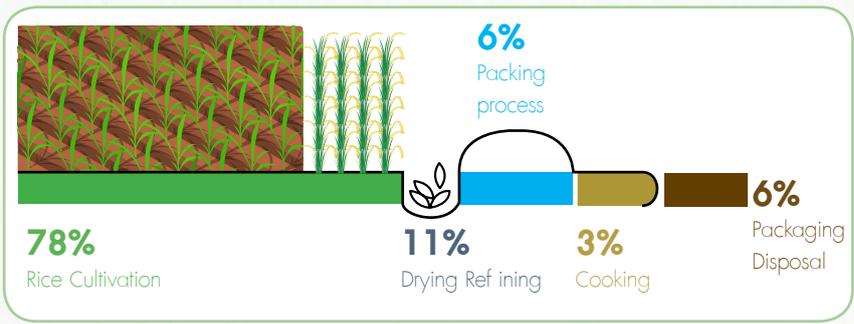


Case Study#35

Measuring methane in rice fields

Target

- 10% reduction GHG emission from energy and water stewardship
- Sufficiently and Environmental friendly Practice



Reduce 17.8%
GHG emission by water and farm management

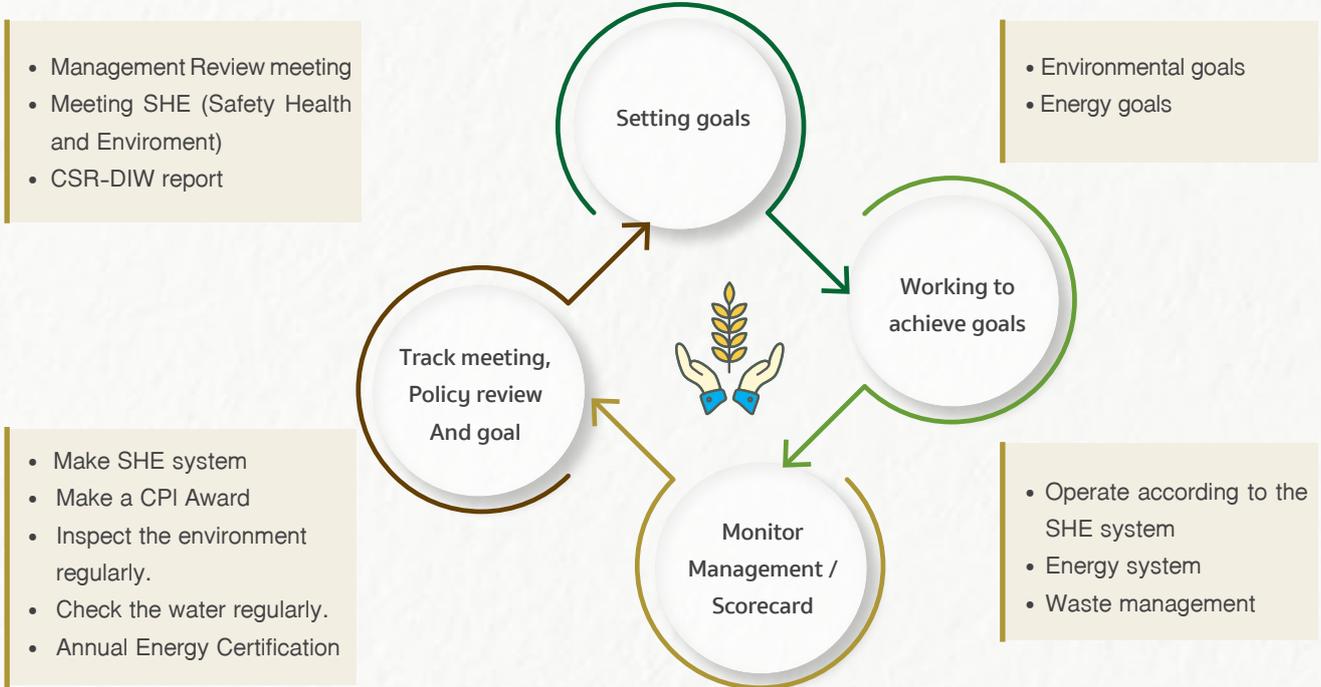


Develop Sustainability Supply Chain Standard



Case Study#36

Environmental quality monitoring



Case Study#37

Implementation of the 3Rs prototype factory

- Carry out sorting, collecting and storing according to the type of waste.
- Determine the path to remove waste from the project with minimal impact on the environment and community.
- Use for legal and proper disposal.



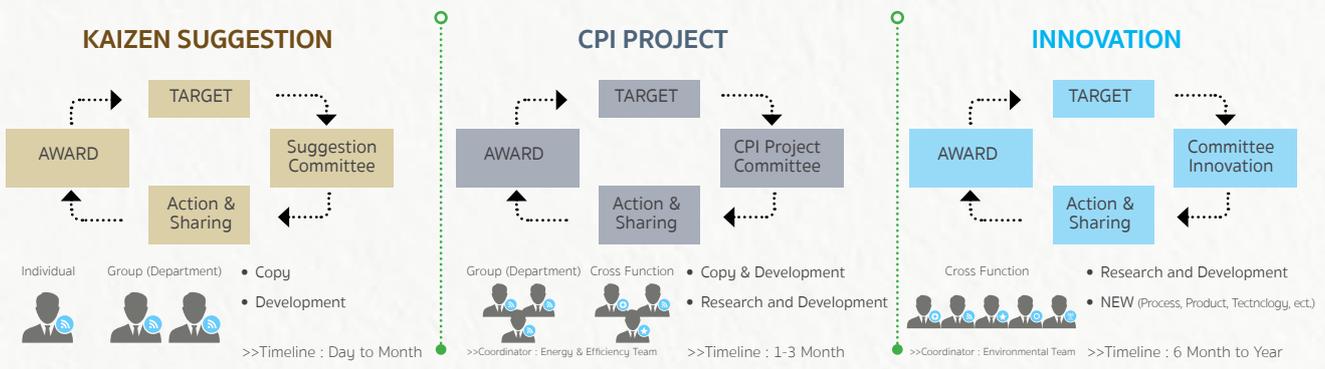
legal action



Received a plaque of honor for the 3Rs prototype factory from the Department of Industrial Works

Case Study#38

Guidelines for improving energy management of organizations



Recognition and awarding process



Case Study#39

Energy Management Awards



THAILAND ENERGY AWARDS 2019

International trade group Charoen Pokphand Group received Thailand Energy Awards 2019, Outstanding Award for Conservation Energy in the category of controlled factories and received the outstanding award for personnel in the energy management team category, received from Deputy Prime Minister.



ASEAN ENERGY AWARDS 2019

International trade group Charoen Pokphand Group accepts ASEAN Energy Awards 2019 Energy conservation type Special Submission Industry in the 37th ASEAN Ministers on Energy Meeting at Athenee Hotel Bangkok, an award Honoring the organization that has outstanding contributions to energy conservation. From the ASEAN Energy Center.

WATER STEWARDSHIP





The challenge

Half of the world's people will suffer from water scarcity if it also uses abundant water. World Economic Council states that water resources issues. It is one of the most important issues in the year. The security of natural resources, especially clean water, is an issue that the private sector needs to focus on. Factors that are important to running a business

Key Performance Results of 2019



24.66 percent

Able to reduce water consumption per unit income compared to the base year 2015

2020 goals

Reduce the amount of water used per unit of income by 10% compared to Base year 2015

2019 results compared to goals



	2017	2018	2019	Goals 2020
Reduction of water usage per unit income	-	23.79	24.66	10



Surachai Chaichasittikarn

Senior Vice President,
Rice Purchasing Business

“Driving sustainable agriculture of the Royal rice brand (Diving To Sustainable Rice System) is one of the main tasks besides improving the quality of Thai rice because of a sustainable agriculture system. To be complete has to be done. To enable farmers to learn and to be practical by taking into account the safety of farmland resources and the environment and developing into self-reliance.”

Management approach

Guidelines for water resource conservation policy management

“Water” is a natural resource that is essential to all life and at the same time important to running a business is one of the factors that have a direct impact on sustainable living. The shortage of both quantitatively and qualitatively is a growing risk worldwide. International Trading Business Group The Charoen Pokphand Group is aware of the aforementioned problems and risks and has established water resource preservation practices to ensure that business operations can manage water resources efficiently, balancing the water needs of communities and nature as follows:

1

It is committed to assessing the use of water directly and indirectly in each activity of the business group's operations, while minimizing the negative impact on natural water resources to ensure that all households The affected area will have good quality water for consumption and consumption.

2

Set long-term water use efficiency goals and encourage all departments in the business group to manage water use efficiently, assess water risks and implement operational guidelines. Best preserved and technology is used to increase the amount of water reuse.

3

Promote the principles of access to quality and safe water sources by encouraging everyone in the community to obtain and access water resources fairly and equitably.

4

Promote cooperation with communities and stakeholders involved in water use and conservation by expanding the scope to cover the care and conservation of watersheds and natural water sources to support business expansion. And reduce water use conflicts with communities, as well as respond to concerns of communities and society in a transparent and timely manner.

5

Promote awareness and understanding of water conservation among employees, business partners and key stakeholders through training, knowledge sharing or campaigning activities.

6

Disseminate information and performance on water resource stewardship through the Charoen Pokphand Group Sustainability Report to report progress against the target set to stakeholders.

7

Coordinate with other agencies such as Government sectors, non-profit organizations (NGOs), institutions, community education and other entities. To jointly solve national and global water resource management problems

Case Study#40

Rice Seed Production Project 2019 to reduce water use in cultivation.

Project Background

Since the company has a promotion and redemption program since 2013. It made them known that farmers had problems with rice quality that did not pass the standard This is partly due to poor rice seed cultivation and farmers. It is difficult to find good quality rice seeds. Therefore, in order to expand the full range of the rice business, the company has created a rice seed production project to promote farmers to produce good quality paddy and sell it back to the company.

Operation

Rice Seed Production Project, RD-43

- Phrom Phiram District, Phitsanulok Province
- Planting area 864 rai,
- 50 farmers
- Planting with seedling-pinch
- Rice RD 43, maturity 95 days



result

Produce **400** tons of grain

Reduce water consumption **250** cubic meters / rai

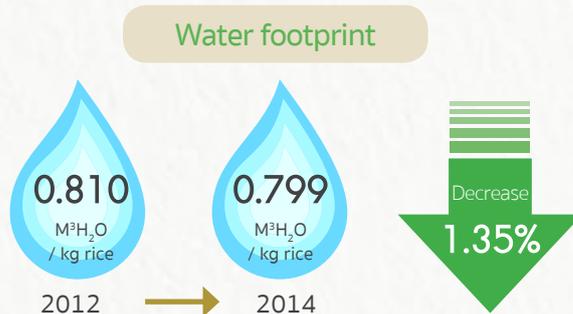
*** 1 rai of rice paddies, water consumption 1,200 cubic meters (12.63 cubic meters / day), 1 rai of Nadam rice uses 950 cubic meters of water.

Case Study#41

Water footprint

The company has performed to evaluate the carbon footprint of rice grown in Suphanburi province since 2016 - now, where the company collects data by field research techniques. Calculate the water footprint value using the Rice Needs Calculation Program (WAPF).

In which the researcher has collected the data by dividing the data into 2 types: primary data is the data obtained from the storage area from the actual location. By interviewing farmers from 35 people, including rice cultivation data, rice information, cultivation method, field preparation data, fertilizer consumption. Secondary information is The data recorded in the software include rainfall data, reference plant water consumption, and values. Rice water use coefficient (Kc) The findings can be explained.



As follows, most farmers grow rice which has blue water footprint is 1,246.48 cubic meters per ton Green water footprint is 694.90. Cubic meter per ton. Gray water footprint is equal to 877.16 cubic meters per ton and the total water footprint of rice cultivation is 2,818.53 cubic meters per ton. And yield average 0.8 tons per rai from the above study. The water footprint of the company and continues to do so.

ECOSYSTEM & BIODIVERSITY PROTECTION





The challenge

C.P. Intertrade Co., Ltd. and companies in the trading business group International Charoen Pokphand Group Recognize the problems that arise and are committed to taking part in reducing impacts and protecting the integrity of biodiversity and ecosystems through the participation of businesses and industries. To take care of and mitigate these impacts, the company Also assessed Continued biodiversity risks. It is committed to conserving and utilizing marine resources responsibly, protecting, restoring and promoting the sustainable use of terrestrial ecosystems, forests and natural diversity.

2020 goals

100% of key raw materials are assessed from non-deforestation sources. And marine resources

2019 results compared to goals



	2017	2018	2019	Goals 2020
% Completed in Biodiversity Master Plan	10	50	60	100
% Traceability Rice Product	-	100	100	100

Key Performance Results of 2019



100 percent

Of rice cultivation can be traced back



Protect, restore and support

The use of terrestrial ecosystems, forests and biodiversity, particularly in the process of promoting rice cultivation.



Policy announcement

Environment and biodiversity policy.

Management approach (policy)

Operations on biodiversity and ecosystems

Biodiversity management is another important issue that the Company has put in place in the Policy of Quality, Security, Safety, Occupational Health and Environment. The Group represents its commitment to the protection and management of biodiversity Systematically. The Company places great emphasis on combining impacts on biodiversity in decision-making processes and business operations throughout the supply chain in order to avoid and mitigate risks that may adversely affect the biological value. High sensitivity, take the following guidelines.

- Integrate biodiversity risk management through the Group's SHE policy management process.
- Manage biodiversity in biodiversity-sensitive or adjacent areas by performing work in accordance with established laws and standards, including established procedures.
- Show a commitment not to cause loss to biodiversity (No-Net-Loss) under Manageable scope.
- Enhance biodiversity value beyond the operational area through social investment activities or in collaboration with outside agencies in biodiversity management.

Biodiversity management.

Biodiversity management is another important issue in the Company's group sustainability management framework that the Company adheres to. And focus on becoming a sustainable company that can sustain environmental conservation and ecological preservation.

Show the intention of the group's biodiversity management

The main objective of biodiversity management is to prevent damage and reduce negative impacts on biodiversity. The Group's Biodiversity Management Intent is set up for This is the basic operating principle for the Group to have consistent biodiversity operational guidelines across the organization.

Standards for Management of Biodiversity and Ecosystem Services.

The Company is in the process of establishing a standard for biodiversity management and ecosystem services. To expand the work process from the Group's Biodiversity Management Intent to be more clearly defined, the standard is consistent with international biodiversity requirements such as International Finance Corporation Performance Standard 6 (IFC6) and Business and Biodiversity Offset Program (BBOP) In addition, the company has developed a biodiversity and ecosystem service implementation approach that covers risk assessment methods, value determination of biodiversity and ecological services for new and current projects, development and Biodiversity Action Plan, taking into account the risk and impact of high levels of biodiversity, annual monitoring and measurement and audit of operations against established goals.

Assessing the biodiversity risks of projects and operations.

Under the Biodiversity and Ecological Management Standard of the Business Group, the Company requires an analysis and assessment of biodiversity risks since project development, including in the study and making an environmental impact analysis report. To be able to formulate appropriate preventive and corrective measures by systematically conducting project risk assessments at all phases of operations that may occur to biodiversity and ecosystem services. In addition, it also conducts risk assessments of all operating areas of the Company and its business groups in Thailand in order to formulate a clear overall strategic plan of the Group and in line with the strategic goals.

Factors for assessing the risks to the value of biodiversity cover geographic location, environmental conditions involved, nature and types of activities, including: The context, extent and severity of each phase of the project are different. The Company requires projects with high risks to develop a biodiversity action plan to mitigate potential impacts on flora, wildlife and the environment.

Case Study#42

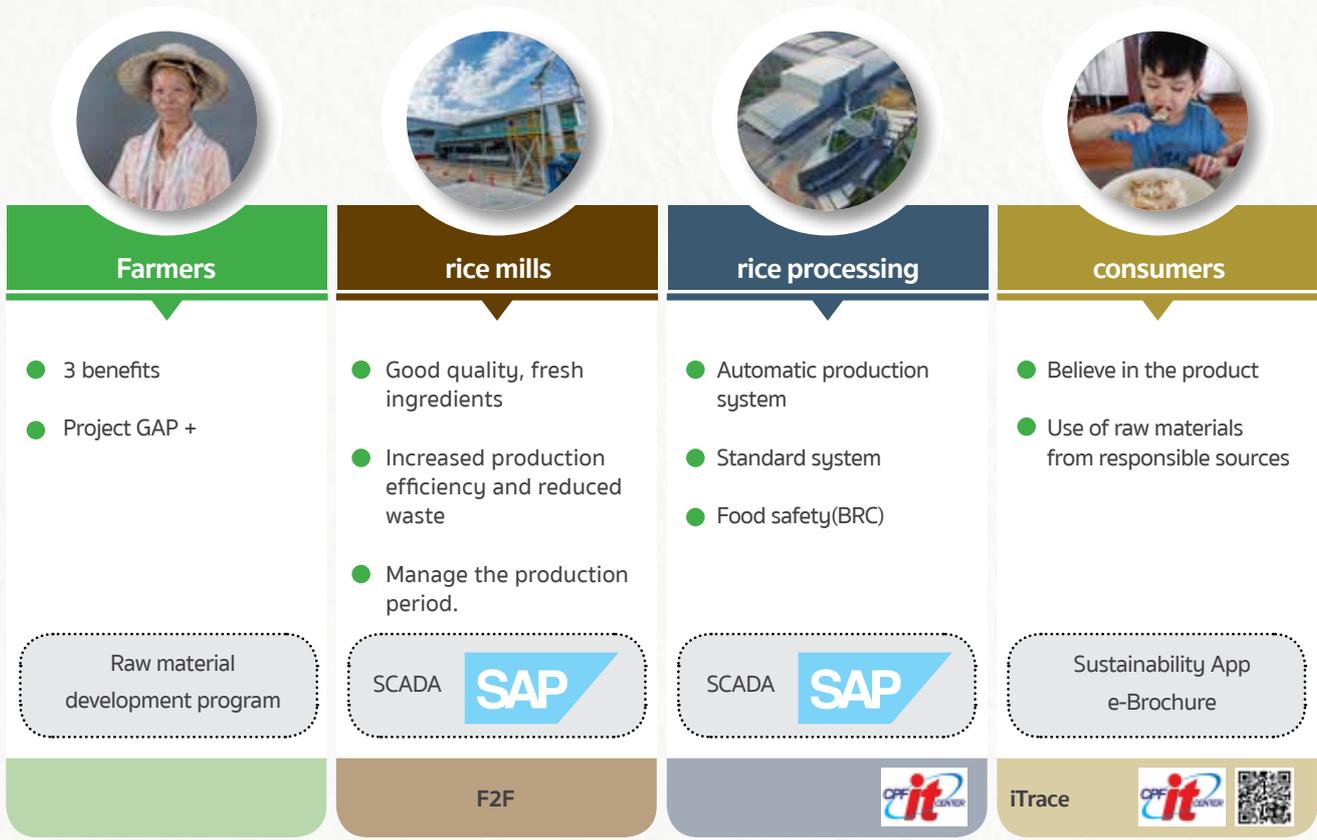
Object procurement and traceability

Consumers are now more attentive to product information. Information on labels that indicate properties and expiration dates may not be enough for the consumer when they still want to know where the product was made, quality in the manufacturing process, how well it was made. Safe, non-contaminated and other information that will help build confidence in food and merchandise purchases.

The traceability system has therefore played an increasingly important role in providing food routing information from ingredients Through the production process until it reaches the consumer. It also helps manufacturers reduce the loss of product recalls, which can be retrieved accurately, precisely and quickly.

The company has developed a comprehensive information system and traceability process from farmers to consumers, which can be considered as a model for developing such processes in the rice business supply chain.

Production process and information systems



Case Study#43

Biodiversity in rice fields

Objective

Increasing biodiversity in agricultural ecosystems and reducing the use of chemicals. In agriculture, both pesticides and chemical fertilizers, or appropriate environmental management methods in the agro-ecosystem.

Study method

- Survey of the fields by 1 - 5 volunteer farmers together with staff of the Rice Research Center or Rice Seed Center.
- There are 2 plots of rice fields, which are to promote ecological management in order to reduce the outbreak of pests of rice (ecological engineering) and general farmers plots (about 1-2 rai)
- Equipment includes a swing, a magnifying glass, a plastic bag, an insect box, and a standard sized insect-sized field survey.
- Swing frame made of stainless steel, diameter 38 cm.
- Light and thin nylon mesh bag, the depth of the cloth bag is about 80 cm.
- Survey field every 15 days (rice aged 15-75 days), total 5 times / planting season (conducted 2 growing seasons, total 10 times)
- Counting with the naked eye Use your hand to lean the rice plant a few times to count the number of pests such as aphid, flies, and natural pests such as green roll sucking eggs, wild dog spiders and other spiders, or to count the number of rice plants showing signs of error. Normal from the destruction of Rice borer, rice leaf worms, pods, rice thrips and other leaf worms.



The Company's study found the biological diversity of insects in rice fields as shown in the diagram.

Training staff to be a guest speaker to transfer knowledge on biodiversity.

Importance of insects and analysis of biodiversity in rice field

- Recognize
- Knowledge sharing



- Classification
- Prioritize

Extend the learning approach to agricultural members leading to practice in the field.

Knowledge Transfer

Share information and experience with farmers



Convince farmers to be more safety, good health and well-being

Case Study#44

Biodiversity Index

A peaceful and harmonious community is a community that has a balance between conservation and development. We recognize the role of business operation under the philosophy of sufficiency economy as Important operating principles based on environmental protection and social concern. By managing natural resources and the environment, natural resources will not be over-utilized for natural resource recovery, take into account the possession of rights, access, use and benefit-sharing among stakeholders, and build knowledge and develop capacity for For individuals, communities and society.

We have included consideration of ecological impacts and Biodiversity in decision-making processes and business operations throughout the supply chain to avoid and mitigate risks that may affect ecological change and biological value to ensure that those natural resources are preserved; and Maintain fertility.

Case Study#45

Protect the Pasak River Basin

The International Business Group is associated and connected with the Pasak River from upstream to downstream businesses, realizing the great need to cultivate conservation consciousness among employees to jointly conserve freshwater fish species. Know the value of sustainable use of natural resources by implementing the project with the following objectives.

1. To conserve natural resources and the environment in the Pasak River Basin along with increasing freshwater fish species in the Pasak Basin in line with sustainable development.
2. To create public consciousness in contributing to society and creating awareness and understanding of the use of natural resources and the environment with the value of employees.
3. To create community participation and the company has benefited to the development of society together.

This activity is organized for the second time, with 79,999 freshwater fish species being released over the Pa Sak Jolasid Dam, Lopburi Province, which is a dam that was born from His Majesty the King Kathibesorn Maha Bhumibol Adulyadej the Great Borommanat Bophit Rama IX has the royal initiative that should study and plan projects And the construction of a dam to store water blocking the Pasak River.



Case Study#46

Chat volunteers dare to do good

Project Background

CP Intertrade Co., Ltd. and companies in the international trade business group operate agri-food business while operating on environmental responsibility until it is continuously recognized by society and communities. The Company therefore develops projects focusing on environmental operations and conservation of natural resources, protection, ecological restoration and biodiversity Which is important to the ecosystem, natural resources, leading to sustainable development as national parks are watershed resources and protected natural plant and animal species in order to maintain a balanced natural resource.

The company has an important way of doing this, which is to work with communities, in conjunction with government agencies and affiliates, such as the Scout Network, which is a very important network that has the opportunity to practice in a national park or forest area. Learn through practice, learn in the nature classroom and own the forest and natural resources for the future.

The Company recognizes the importance of youth who are the main cogs in driving the conservation of natural resources to sustainably, is to encourage youth to play a role and to bring the knowledge gained, disseminate and expand the results to their local communities. Therefore the idea of organizing activities “**Scout Ranger Training**”

The “**Scout Ranger**” activity is held to encourage youths to develop awareness processes, to participate in the protection, care and restoration of natural resources; Communities located in or adjacent to protected areas Serving, taking care of the safety of tourists in the various tourist sites of the park.

Objective

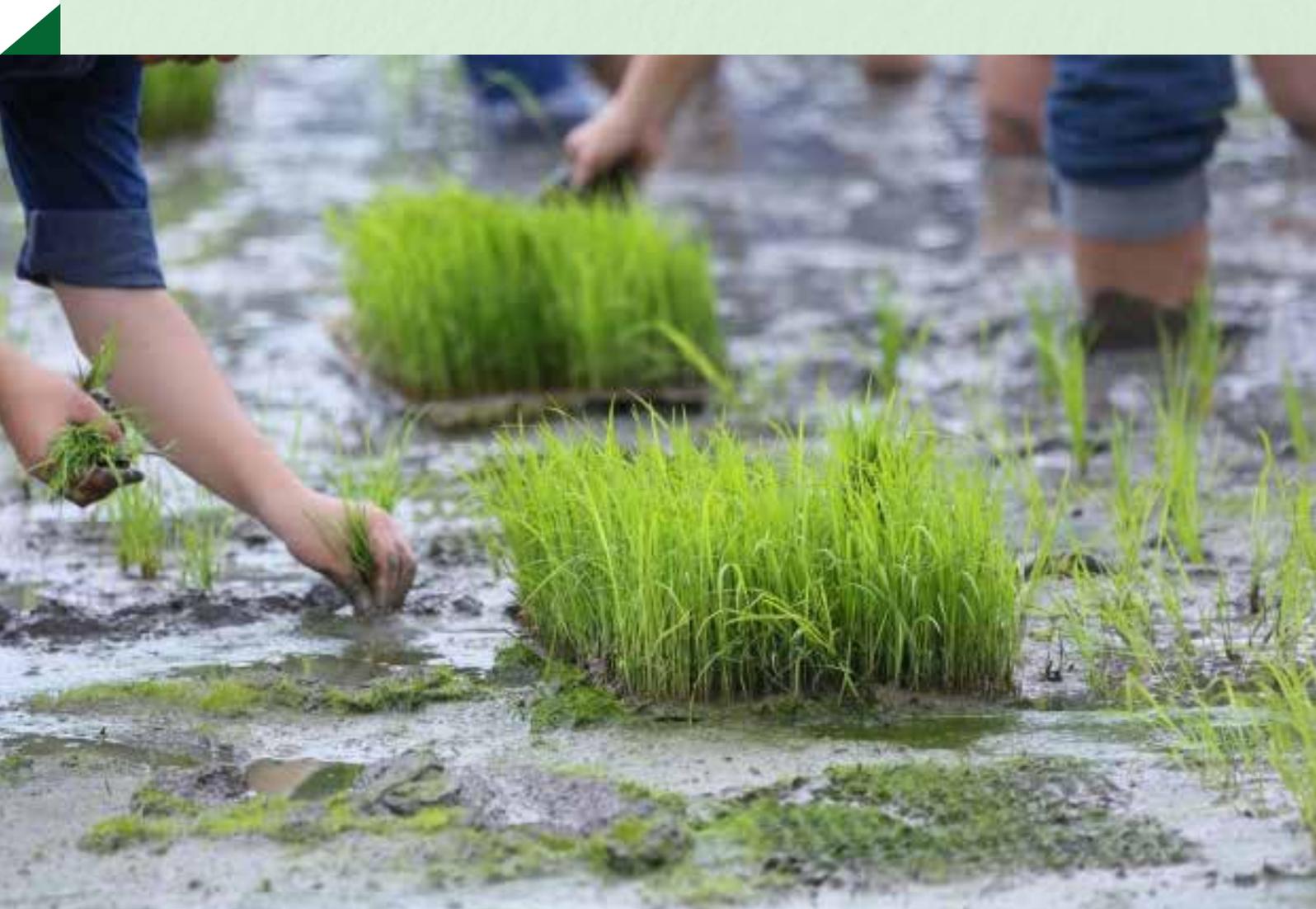
1. Promote knowledge about natural resources and environment conservation to Scouts, Scouts, Red Cross youths, youth and people.
2. To establish the Scout Division to protect and protect natural resources. Build cooperation between agencies in the area responsible for the park.
3. To achieve the organization’s environmental sustainability goals on the protection of ecosystems and biodiversity.
4. To strengthen the company’s employees to have volunteer spirit and awareness of social and environmental responsibility.

Performance

1. There are at least 100 network members participating in the project.
2. Able to plant trees to compensate for 10% greenhouse gas emissions.
3. Able to increase communication / public relations channels to the stakeholders of the organization.
4. 60 students from the local area participated in the activities



RESPONSIBLE SUPPLY CHAIN MANAGEMENT





The challenge

We recognize that the strength of a chain also depends on the least strong chain link. For this reason, the company has taken part in Strengthen the strength of business partners throughout the supply chain to strive for excellence in all dimensions, economic, social and environmental aspects.

The company poses a great challenge in the drive to bring about positive change, such limitations do not stop the company or give up but on the other hand. To develop the potential of our business partners for the better, we will think together together to build towards sustainability at the same time. In addition, the Company also supports the Sustainable Development Goals to develop the countries in which the Company has operated or Invest in 3 core values.

2020 goals

100% of key business partners are assessed on sustainability.

2019 results compared to goals



	2017	2018	2019	Goals 2020
Number of businesses assessed and identified by key business partners	3	6	7	7
Percentage of business partners communicated with Ethics Handbook	-	98.5	100	100

Key Performance in 2019



Communication of the Supplier Code of Conduct 487 core

businesses have been communicated.



All companies in the business group have assessed and identified Critical Suppliers.



Yongyut Pruekmhadamrong

Senior Vice President
Domestic rice marketing office, modern retail and dealer customer management

“RU brand is the market leader in bagged rice in the Thai brand. Foresaw business opportunities in the health market channels, because at present the consumption of healthy rice is still a small proportion compared to the number of people in the whole country. But it is expected to continue to grow. In the long run, it launched health products at the beginning of 2019 in the brand of RU lite rice.”

Management guidelines

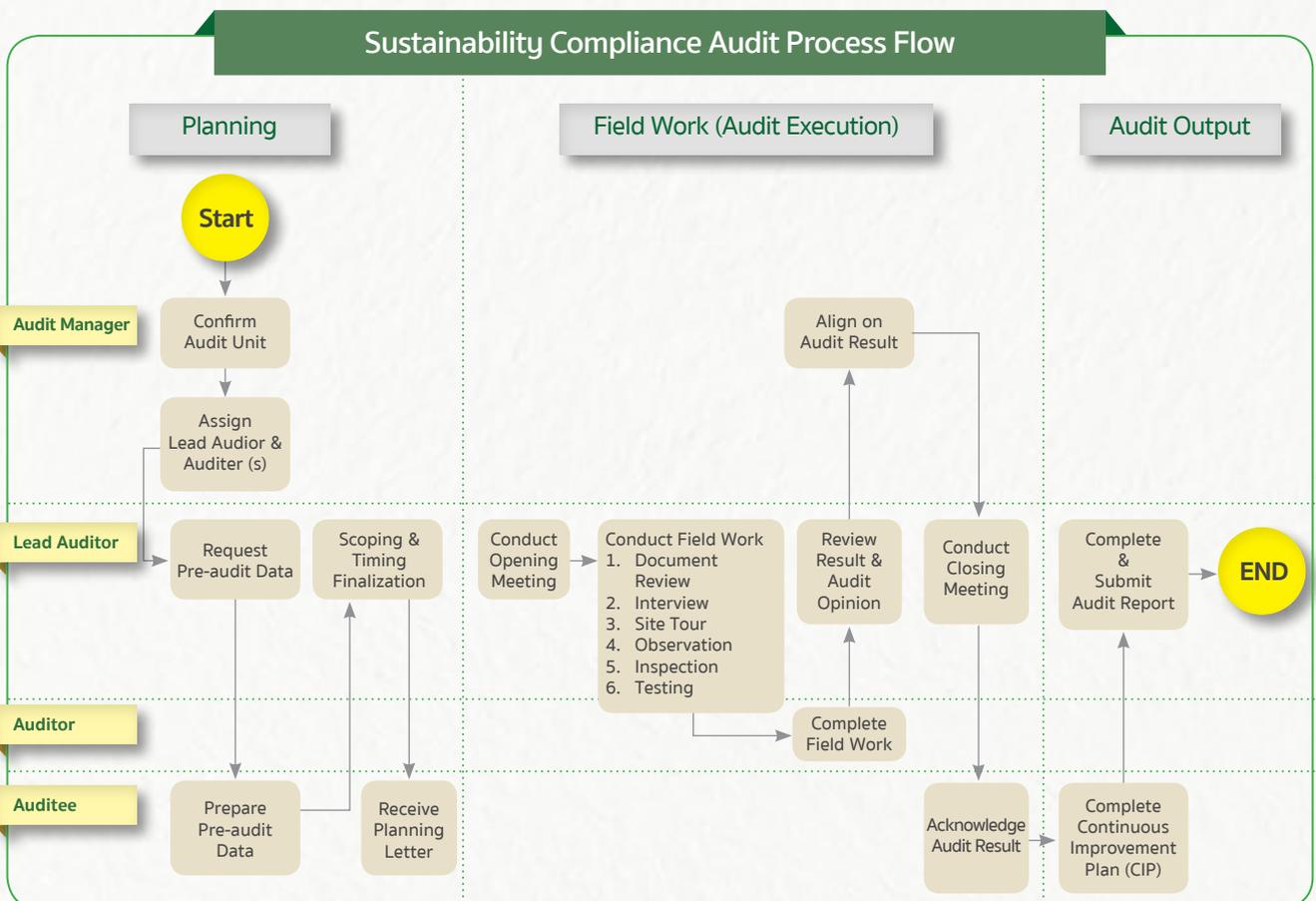
The supply chain assessment process

The company believes that the “business partner” is the key chain of business success and believes that sustainable success needs to be based on respect for human rights, good governance and environmental protection. For this reason, the company has prepared a manual for business partners’ ethics in accordance with UN Global Compact and the law. / Relevant regulations to ensure that the business processes of the company and its partners are in accordance with applicable laws and regulations. The company therefore has prepared a manual for supplier code of conduct to help in the development of potential, to raise the competitiveness and Strengthen long-term growth together, as well as provide opportunities for companies and business partners to take part in improving and developing society and the environment as a whole.

International Trading Business Group, Charoen Pokphand Group is committed to effective supply chain management in order to prevent and mitigate environmental, social and regulatory risks to business partners that may affect our trust. Stakeholders of the business that are constantly changing and rapidly agree to establish the supply chain management policy as follows

1. Provide business groups to assess supply chain risks by adding sustainability perspective as part of the assessment.
2. To the international trade business group Charoen Pokphand Group has prepared a Code of Conduct manual and guidelines for compliance with international standards that all companies in the group can apply or add as appropriate.
3. All companies in the Group to communicate, train, promote and work with trading partners to ensure that they are aware of the guidelines that the International Trade Business Group. Charoen Pokphand Group expects its partners to comply with and that they can act in accordance with the Supplier Code of Conduct Manual.
4. To allow the business group to audit, evaluate business partners and prepare reports to the company’s management for further improvement.

These processes will be part of ensuring that the business processes of business groups and partners are in line with the fundamental principles of sustainability. Relevant laws and regulations, which will not only help to develop capacity, enhance competitiveness and strengthen long-term growth together. It is also an opportunity for business groups and partners to participate, improve and develop society and the environment as a whole.



Procurement Policy and Guidelines

Project Background

International Trading Business Group Charoen Pokphand Group is committed to conducting business in a sustainable manner, thus focusing on the upstream to downstream production processes while promoting good business practices within the framework of responsible supply chain management.

A comprehensive review is carried out in the selection process of suppliers and subcontractors to ensure responsible procurement throughout the supply chain. Persons engaged in illegal activities, human rights violations or terrorism.

Operations Business partners have to review the selection of goods and services as well as subcontractors to ensure responsible procurement throughout the supply chain. By communicating and disseminating a code of conduct for business partners. Business partners start the process of assessing new or existing suppliers according to the specified criteria, establishing a partner registration process, conducting a business partner audit for a specified period, monitoring improvements.



Code of Conduct for Business Partners

Project Background

We believe that our suppliers are the key value chain of business success and believe that sustained success is based on respect for morality, business ethics, human rights. Principles of good governance and environmental protection. For this reason, International trade business groups. Therefore, the Supplier Code of Conduct Handbook has been prepared which is in line with UN Global compact, which is a guideline for agreement under international principles for use in business activities with good corporate governance, social and environmental responsibility. Conduct business in accordance with applicable laws and regulations.

Operation

The Trading Business Group expects all business partners and business associates to adhere to and abide by the Supplier Code of Conduct, with a commitment to conduct business with morals and ethics. Anti corruption Transparent The exam focuses on energy and environmental management to help develop potential, enhance competitiveness and foster sustainable growth together.



Case Study#47

Development of traceability through sustainable rice standards In the Pracharat rice project

Project Background

Over the past 5 years, the Company, in collaboration with government agencies, is working on a project to develop a traceability through sustainable rice standards in the Pracharat Rice Project. The objective is to encourage trading partners to have knowledge and ability to properly cultivate rice in accordance with food safety principles. There is an efficient management system.

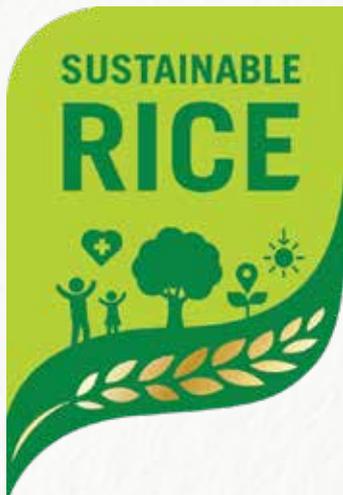
And based on social and environmental responsibility. In addition, the project is an important project that helps Thai farmers to have a better quality of life, have a better income, and create pride in the farmer profession. Agriculture is an important economic foundation of the country as well.

Operations

The Company has developed KCP's Sustainable Agriculture Standards to promote efficient and sustainable use of resources throughout the rice supply chain, covering six key areas:

1. Food safety
2. Supply Chain Management
3. Biodiversity
4. Labor and Human Rights
5. Health and Safety
6. Climate change

In addition, the company has also developed an Up Stream Rice Development system. Program (URD) to be used to link information only to cultivate, produce, Transport, distribution point Until the product reaches the consumer.



Results and benefits

5,643 operators

Number of agricultural partners participating in the project

146,131 rai

Covering farmland

Operating results	2013/14	2014/15	2015/16	2016/17	2017/18
Number of farmers (persons)	262	447	639	3,571	5,643
Area (Rai)	4,853	8,696	13,026	73,612	146,131

Case Study#48

Audit according to the supplier code of conduct

Project Background

The company places great emphasis on creating innovative products and services based on sustainable development, as well as adapting to the changing trends in the corporate world. This is an opportunity and challenge that will strengthen the competitiveness of the business, drive the organization sustainably through cooperation with business partners, focusing on the issues to enhance and connect the supply chain holistically. And as the Company recognizes its role in strengthening and sustainability in the supply chain of the agro and food industry, with the determination to develop Business partners, business partners and customers to grow together, therefore, organized a practical conception for the Company's business partners on August 24, 2018 under the topic "Develop business partners for Grow together Capacity Building For Partnership" Later in 2019 This is to increase confidence in the business processes of the company and its business partners, believing that success is sustainable. It needs to be based on responsible business conduct throughout the supply chain. Such as respecting the core human rights of good governance and preserving This policy and guideline will not only improve competitiveness, enhance competitiveness and strengthen long-term growth together. It is also an opportunity for the company and business partners to jointly develop and develop together with the company.

Operation

By setting the audit criteria according to the International Trade Business Group's COC requirements that meet the Charoen Pokphand Group and coordinate with trading partners to conduct on-site audits by checking both documents and on-site conditions. To see the completeness. In the implementation of the requirements in each item After that, we will conclude and notify the business partners about the non-compliance, and issue a document to monitor the revision. Where the partner, upon receipt of the document, will come to make a plan for revision, revision, revision and reply to The company.

Result

Summary of the number of agencies From the examination according to the ethical criteria And compliance with the 2019 requirements

The number of inspected agencies is 22 classified by type as follows:

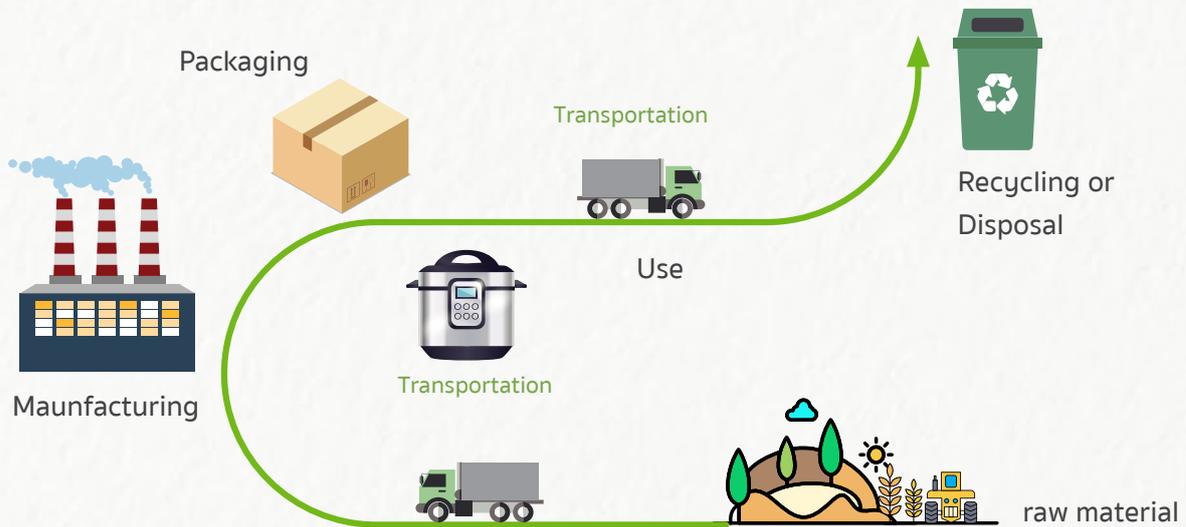
Type of business	Amount	Factory inspection	inspection results	notes
Object group	4 factories	3 factories		1 factory not easy to inspect
Packaging group	5 factories	4 factories		Not convenient to receive inspection because 1 factory was moved
Transportation and machinery group	2 agencies	2 agencies		
Other support groups	11 agencies	3 agencies		
รวม	22	11		

Case Study#49

Life Cycle Assessment (LCA)

Project origin

The company has implemented a process of analyzing and evaluating the impact of products on the environment. Throughout the life of the product From raw material acquisition, production process, transportation and distribution, product use, reuse / processing and post-use waste management.



It operates covering the LCA indicators throughout the supply chain. Cover issues All 12 environmental impacts according to Environment Impact Category.

Environmental impact category

Global Warming	Land Use Biodiversity	Human toxicity
Ozone Depletion	Water Use	Photochemical Oxidant creation
Acidification	Resource Consumption	Radiation
Eutrophication	Ecotoxicity	Particulate form

Case Study#50

water transportation system

Project Background

Integrating the water transportation system with the international rice transportation system, the Metropolitan Project.

objective

To promote a comprehensive improvement of rice quality with modern technology as well as to upgrade the multimodal transport service, which requires an analysis of the marketing model, the transportation strategy. And consider the factors in the transformation The transportation model is suitable for the transportation of rice. This has resulted in the integration of the water transportation system with the international rice transportation system. With case studies: The Metropolitan Project aimed to connect various industrial sources Inland with water transport, which reduces dependence on road transport, introducing new environmentally friendly technologies. And the principles of Energy Reduction and CO2 Reduction have been applied in business operations. On the whole, this project will enhance the role of Thailand as a regional international distribution center. From the importance of the supply chain system and the logistics system of Thai rice Therefore initiated the development of supply chain and logistics.

To reduce energy consumption and transportation costs, there are two concepts:

1. Site selection and construction of the rice quality improvement plant closer to the source of raw materials to reduce transport distances closer.
2. Development of the Inland Port near the rice quality improvement plant to facilitate shipping by sea.

From the main idea of the project implementation This resulted in the creation of the Siam City Rice Factory, which was established in 2009, which is considered It is the largest rice quality improvement factory in the country. There is a concept of production by selecting a factory location in Phra Nakhon Si Ayutthaya Province. It is considered to be the center area of agriculture, close to the source of raw materials, thus reducing the time and distance for the transportation of raw materials and distributing the products to consumers thoroughly. Moreover, the location is close to the Pa Sak River, allowing for convenient and fast shipping by boat, as well as having a logistics system to support the rice transportation business. These are the Ayutthaya ports and the ICD, resulting in lower transport distances and the cost of transporting rice and can be delivered to consumers immediately. Moreover, modern rice quality improvement machines are installed with automatic production and quality control throughout the production. The best in the world, with a capacity to improve the quality of over 1,080,000 tons / year. As most rice production sites and shipping destinations are not by the sea or port, a multimodal transport is needed to transport rice to Commercial gates, such as land, are connected to waterways to allow rice to travel to the desired destination. The objective is to reduce transportation times, reduce costs, increase efficiency, enhance competitiveness and provide better product safety. Multimodal transport combines the transport of goods from one place to another, the area of the final encounter, using two or more modes of transport. By connecting different modes of transport, not limited to connecting routes only. But it also means linking, coordination, transportation, and product control. Responsibility as well as the connection of information systems related to transportation in order to increase the efficiency of transport services and reduce costs by virtue of its outstanding characteristics. Each mode of transport is integrated, creating an orderly working system and the efficient and correct use of resources.



Map showing the rice transportation system Of the Nakhon Luang Project and Ayutthaya Port And ICD

Performance

Product	quantity Export Of the port	Number of transport vehicles Road	Number of transport vehicles Road	Reduce consumption oil (liter)	Reduce consumption energy (%)	Reduce costs Transport energy (baht)
Volume that can be supported	400,000 TEU	8,000	533,333	13,440,000	82.35	434,515,200
Actual transport volume	3,313 TEU	80	4,417	111,316		3,598,846
Actual transport volume (rice only)	2,523 TEU	50	3,363	84,772		2,740,678

Show the results of the reduction in energy costs of the Metropolitan Project’s transportation system. And Ayutthaya Port and ICD

APPENDIX

Sustainability Performance 2017-2019

CP Intertrade and Companies in the business group

GRI Standard	Performance	Unit	2017	2018	2019			
CORPORATE GOVERNANCE								
DEPARTMENTS THAT ARE WITHIN THE SCOPE OF THIS SUSTAINABILITY REPORT								
	Rice Factory	Plants	6	6	6			
	Transportation Company	Plants	1	1	1			
	CP Intertrade Company and companies in the business group	Plants	1	1	1			
ECONOMIC PERFORMANCE								
G4-EC1	Income	Million baht	35,917	39,735	40,859			
	Employee benefits	Million baht	1,295	1,329	1,388			
	Taxes paid to the government and local authorities	Million baht	20	21	20			
	Research and development and innovation expenses	Million baht	39	0	20			
SOCIAL PERFORMANCE								
HUMAN RIGHTS AND LABOR PRACTICES								
102-8	WORKFORCE							
			MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
	- Total Workforce	Persons	2,354		2,522		2,702	
			1,555	799	1,662	860	1,782	920
	BY CONTRACT TYPE							
	- Employees	Persons	980		2,136		2,607	
			505	475	1,456	680	1,723	884
	- Workers/Contractors	Persons	1,374		386		96	
			1,050	324	206	180	59	36
405-1	EMPLOYEE DIVERSITY							
	BY LEVEL							
	- Top Management	Persons	28	14	29	12	17	7
	- Mid Management	Persons	49	45	56	49	45	36
	- Management	Persons	198	220	195	235	233	260
	- Officer	Persons	1,117	361	1,176	384	1,428	581
	BY AGE							
	- Under 30 years old	Persons	376	205	331	194	460	246
	- 30 - 50 years old	Persons	940	390	1,031	438	1,132	542
	- Over 50 years old	Persons	76	45	94	48	131	96
401-1	NEW HIRES							
	EMPLOYEE							
	- Number of new hires	Persons	272		283		450	
			146	126	157	126	293	157
	BY AGE							
	- Under 30 years old	Persons	103	90	110	100	161	78
	- 30 - 50 years old	Persons	43	33	46	26	127	60
	- Over 50 years old	Persons	0	3	1	0	5	19
	TURNOVER							
	EMPLOYEE							
	- Number of Turnover	Persons	128		158		391	
			65	63	88	70	265	126
	BY AGE							
	- Under 30 years old	Persons	34	44	44	36	112	76
	- 30 - 50 years old	Persons	31	19	43	33	141	41
	- Over 50 years old	Persons	0	0	1	1	12	9
	PARENTAL LEAVE (Employee)							
	- Number of parental leave	Persons	-	-	0	19	0	20
	- Employee back to work after parental leave	Persons	-	-	0	19	0	17

GRI Standard	Performance	Unit	2017		2018		2019	
LEADERSHIP AND HUMAN CAPITAL DEVELOPMENT								
404-1	TRAINING AND DEVELOPMENT OF EMPLOYEES		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
	- Average training hours for all employees	Hours per person per year	12.00		10.78		7.34	
			11.90	12.10	7.35	14.21	6.45	9.10
	BY LEVEL		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
	- Top Management	Hours per person per year	11.66		2.11		27.29	
			10.11	13.21	2.22	2.00	21.47	41.42
	- Mid Management	Hours per person per year	10.31		7.59		20.68	
			11.55	9.08	9.77	5.41	21.78	19.29
	- Management	Hours per person per year	11.61		5.38		6.39	
			12.22	11.00	5.47	5.29	6.53	6.22
	- Officer	Hours per person per year	12.93		18.17		6.80	
			11.92	13.94	19.04	17.30	5.76	9.36
HEALTH AND SAFETY INFORMATION								
403-2 (a)	Employee		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
	- Injury Rate (IR)	cases./200,000 working hours	1.47		1.54		0.39	
			1.35	1.61	1.35	1.81	0.37	0.47
	- Lost Time Injury Rate (LTR)	cases./200,000 working hours	20.82		0.39		0.00	
			33.68	1.94	0.34	0.45	0.00	0.00
	- Occupational Disease Rate (ODR)	cases./200,000 working hours	0.00		0.00		0.00	
			0.00	0.00	0.00	0.00	0.00	0.00
	- Lost Day Rate (LDR)	Lost days/200,000 working hours	0.00		0.00		0.00	
			0.00	0.00	0.00	0.00	0.00	0.00
403-2 (b)	Contractor		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
	- Injury Rate (IR)	cases./200,000 working hours	0.53		0.72		2.55	
			0.52	0.53	1.48	0.00	3.60	1.61
	- Lost Time Injury Rate (LTR)	cases./200,000 working hours	0.00		0.24		0.43	
			0.00	0.00	0.49	0.00	0.00	0.81
	- Occupational Disease Rate (ODR)	cases./200,000 working hours	0.00		0.24		0.00	
			0.00	0.00	0.49	0.00	0.00	0.00
	- Lost Day Rate (LDR)	Lost days/200,000 working hours	0.00		0.00		0.85	
			0.00	0.00	0.49	0.00	0.00	1.61

GRI Standard	Performance	Unit	2017	2018	2019
ENVIRONMENTAL PERFORMANCE					
ENERGY					
302-1 (e)	Total Energy Consumption	Million GJ	0.23	0.21	0.40
302-1 (a)	- Fuel Consumption	Million GJ	0.01	0.01	0.01
302-1 (b)	- Renewable energy	Million GJ	0.09	0.12	0.24
302-1 (c)	- Energy purchased	Million GJ	36.87	0.15	0.15
302-3 (a)	Energy/ Income	GJ/ /Million baht	5.95	4.69	9.84
GREEN HOUSE GAS (GHG) EMISSION					
305-2 (a)	Green House gas (GHG) emission	Ton CO2eq	22,124.00	24,477.00	22,932.85
305-1 (a)	Green House gas (GHG) emission (Scope 1)	Ton CO2eq	661.00	826.00	1,477.59
305-2 (a)	Green House gas (GHG) emission (Scope 2)	Ton CO2eq	21,462.57	23,651.91	21,455.26
305-4 (a)	Green House gas (GHG) emission/Income	Ton CO2eq / /Million baht	0.57	0.47	0.56
WATER					
303-1 (a)	Water withdrawal	Million m ³	0.13	0.18	0.19
	- Surface water	Million m ³	0.08	0.13	0.15
	- Ground water	Million m ³	0.03	0.03	0.01
	- Rain water	Million m ³			
	- Municipal water / Purchased water	Million m ³	0.01	0.01	0.02
306-1 (a)	Water effluent	Million m ³	0.10	0.14	0.15
	Water/ Income	m ³ / Million baht	3.36	3.93	4.58
ของเสีย					
	Total weights of waste	Ton	802	798	689.42
306-2 (a)	- Hazardous waste	Ton	172.73	3.11	2.74
306-2 (b)	- Non-Hazardous waste	Ton	629.46	794.95	686.679
	Total weights of waste/ Income	Ton/ Million baht	0.02	0.02	0.02
ALL PLASTIC PACKAGING					
	All plastic packaging	Ton	0.00	4,959.66	1,635.01
	Recyclable Plastic Packaging *Category Mono Layer	Ton	0.00	0.00	0.00
OPERATIONAL ECO-EFFICIENCY					
302-4	Energy/Production	GJ/ Ton	-	0.36	0.51
	Greenhouse gas emissions/Production	Ton CO2eq/ Ton	-	0.03	0.03
	Water/Production	m ³ / Ton	-	0.23	0.26
	Total waste/Production	Ton / Ton	-	0.00	0.00

GRI CONTENT INDEX

GRI 102: GENERAL DISCLOSURES 2016

DISCLOSURES		PAGE/WEBSITE	EXTERNAL ASSURANCE
Organizational Profile			
102-1	Name of the organization	- Our Business - About this Report	-
102-2	Activities, brands, products, and services	- Our Business	-
102-3	Location of headquarters	- Business Overview	-
102-4	Location of operations	- Business Overview - Our Business	-
102-5	Ownership and legal form	- Our Business	-
102-6	Markets served	- Business Overview - Our Business	-
102-7	Scale of the organization	- 2019 Highlights - Business Overview	-
102-8	Information on employees and other workers	- Appendix	-
102-9	Supply chain	- Responsible Supply Chain Management	-
102-10	Significant changes to the organization and its supply chain	- About this Report	-
102-11	Precautionary Principle or approach	- Climate Change Management - Water Stewardship	-
102-12	External initiatives	- Stakeholder Engagement	-
102-13	Membership of associations	- Stakeholder Engagement	-
Strategy			
102-14	Statement from senior decision-maker	- Message from the Senior President - Message from the CEO	-
102-15	Key impacts, risks, and opportunities	- Message from the Senior President - Message from the CEO - Our Business - Climate Change Management - Water Stewardship	-
Ethics and Integrity			
102-16	Values, principles, standards, and norms of behavior	- Sustainability Milestone - Six Core Values - C.P. Excellence	-
102-17	Mechanisms for advice and concerns about ethics	- Corporate Governance	-
Governance			
102-18	Governance structure	- Sustainability Governance - Corporate Governance	-
102-20	Executive-level responsibility for economic, environmental, and social topics	- Sustainability Governance	-
Stakeholder Engagement			
102-40	List of stakeholder groups	- Stakeholder Engagement	-
102-41	Collective bargaining agreements	- Human Rights and Labor Practices	-
102-42	Identifying and selecting stakeholders	- Stakeholder Engagement	-
102-43	Approach to stakeholder engagement	- Stakeholder Engagement	-
102-44	Key topics and concerns raised	- Stakeholder Engagement	-
Reporting Practice			
102-45	Entities included in the consolidated financial statements	- Our Business - Reporting Boundary	-
102-46	Defining report content and topic Boundaries	- Materiality Assessment	-
102-47	List of material topics	- List of Material Issues	-
102-48	Restatements of information	In 2018, we discontinued reporting GRI 308-2 and GRI 414-2 as our supplier audit program is set to be completed by 2020. We will report the abovementioned GRI indicators again once the result of the program has been confirmed.	-
102-49	Changes in reporting	- About this Report	-
102-50	Reporting period	- About this Report	-
102-51	Date of most recent report	- About this Report	-
102-52	Reporting cycle	- About this Report	-
102-53	Contact point for questions regarding the report	- Materiality Assessment - About this Report	-
102-54	Claims of reporting in accordance with the GRI Standards	- About this Report	-
102-55	GRI content index	- GRI Content Index	-
102-56	External assurance	- About this Report	-

SPECIFIC STANDARD DISCLOSURES

GRI	DISCLOSURES	PAGE/WEBSITE	OMISSION/NOTE	EXTERNAL ASSURANCE
Economic Performance				
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundary	- Sustainability Milestone	-	-
	103-2 The management approach and its components	- Sustainability Milestone	-	-
	103-3 Evaluation of the management approach	- Sustainability Milestone	-	-
GRI 201: Economic Performance 2016	201-1 Direct economic value generated and distributed	- 2019 Highlights	-	-
Indirect Economic Impacts				
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundary	- Social Impact - Education - Innovation	-	-
	103-2 The management approach and its components	- Social Impact - Education - Innovation	-	-
	103-3 Evaluation of the management approach	- Social Impact - Education - Innovation	-	-
GRI 203: Indirect Economic Impacts 2016	203-1 Infrastructure investments and services supported	- Social Impact - Education	-	-
	203-2 Significant indirect economic impacts	- Social Impact - Education - Innovation	-	-
Anti-corruption				
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundary	- Corporate Governance	-	-
	103-2 The management approach and its components	- Corporate Governance	-	-
	103-3 Evaluation of the management approach	- Corporate Governance	-	-
GRI 205: Anti-Corruption 2016	205-2 Communication and training about anti-corruption policies and procedures	- Corporate Governance	-	-
Energy				
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundary	- Climate Change Management	-	-
	103-2 The management approach and its components	- Climate Change Management	-	-
	103-3 Evaluation of the management approach	- Climate Change Management	-	-
GRI 302: Energy 2016	302-1 Energy consumption within the organization	- Appendix	-	✓
	302-3 Energy intensity	- Appendix	-	-
	302-4 Reduction of energy consumption	- Appendix	-	-
Water				
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundary	- Water Stewardship	-	-
	103-2 The management approach and its components	- Water Stewardship	-	-
	103-3 Evaluation of the management approach	- Water Stewardship	-	-
GRI 303: Water 2016	303-1 Water withdrawal by source	- Appendix	-	✓
	303-3 Water recycled and reused	- Appendix - Ecosystem & Biodiversity Protection	-	-
	302-4 Reduction of energy consumption	- Appendix	-	-
Biodiversity				
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundary	- Ecosystem & Biodiversity Protection	-	-
	103-2 The management approach and its components	- Ecosystem & Biodiversity Protection	-	-
	103-3 Evaluation of the management approach	- Ecosystem & Biodiversity Protection	-	-
GRI 304: Biodiversity 2016	304-3 Habitats protected or restored	- Ecosystem & Biodiversity Protection	-	-
Emissions				
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundary	- Climate Change Management	-	-
	103-2 The management approach and its components	- Climate Change Management	-	-
	103-3 Evaluation of the management approach	- Climate Change Management	-	-
GRI 305: Emissions 2016	305-1 Direct (Scope 1) GHG emissions	- Appendix	-	✓
	305-2 Energy indirect (Scope 2) GHG emissions	- Appendix	-	✓
	305-4 GHG emissions intensity	- Appendix	-	-
	305-5 Reduction of GHG emissions	- Appendix	-	-
Effluents and Wastes				
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundary	- Climate Change Management	-	-
	103-2 The management approach and its components	- Climate Change Management	-	-
	103-3 Evaluation of the management approach	- Climate Change Management	-	-
GRI 306: Effluents and Waste 2016	306-1 Water discharge by quality and destination	- Appendix	-	-
	306-2 Waste by type and disposal method	- Appendix	-	✓
Supplier Environmental Assessment				
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundary	- Ecosystem & Biodiversity Protection	-	-
	103-2 The management approach and its components	- Ecosystem & Biodiversity Protection	-	-
	103-3 Evaluation of the management approach	- Ecosystem & Biodiversity Protection	-	-
GRI 308: Supplier Environmental Assessment 2016	308-1 New suppliers that were screened using environmental criteria	- Ecosystem & Biodiversity Protection	-	-

GRI	DISCLOSURES	PAGE/WEBSITE	OMISSION/NOTE	EXTERNAL ASSURANCE
Employment				
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundary	- Human Rights and Labor Practices	-	-
	103-2 The management approach and its components	- Human Rights and Labor Practices	-	-
	103-3 Evaluation of the management approach	- Human Rights and Labor Practices	-	-
GRI 401: Employment 2016	401-1 New employee hires and employee turnover	- Appendix	-	-
Occupational Health and Safety				
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundary	- Human Rights and Labor Practices	-	-
	103-2 The management approach and its components	- Human Rights and Labor Practices	-	-
	103-3 Evaluation of the management approach	- Human Rights and Labor Practices	-	-
GRI 403: Occupational Health and Safety 2016	403-2 Types of injury and rates of injury, occupational diseases, lost days, and absenteeism, and number of work-related fatalities	- Appendix	-	✓
Training and Education				
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundary	- Leadership and Human Capital Development	-	-
	103-2 The management approach and its components	- Leadership and Human Capital Development	-	-
	103-3 Evaluation of the management approach	- Leadership and Human Capital Development	-	-
GRI 404: Training and Education 2016	404-1 Average hours of training per year per employee	- Appendix	-	-
Human Rights Assessment				
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundary	- Human Rights and Labor Practices	-	-
	103-2 The management approach and its components	- Human Rights and Labor Practices	-	-
	103-3 Evaluation of the management approach	- Human Rights and Labor Practices	-	-
GRI 412: Human Rights Assessment 2016	412-1 Operations that have been subject to human rights reviews or impact assessments	- Human Rights and Labor Practices	-	-
Local Communities				
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundary	- Social Impact - Health and Well-being - Education - Water Stewardship - Ecosystem & Biodiversity Protection - Responsible Supply Chain Management	-	-
	103-2 The management approach and its components	- Social Impact - Health and Well-being - Education - Water Stewardship - Ecosystem & Biodiversity Protection - Responsible Supply Chain Management	-	-
	103-3 Evaluation of the management approach	- Social Impact - Health and Well-being - Education - Water Stewardship - Ecosystem & Biodiversity Protection - Responsible Supply Chain Management	-	-
GRI 413: Local Communities 2016	413-1 Operations with local community engagement, impact assessments, and development programs"	- Social Impact - Health and Well-being - Education - Water Stewardship - Ecosystem & Biodiversity Protection - Responsible Supply Chain Management	-	-
Supplier Social Assessment				
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundary	- Ecosystem & Biodiversity Protection	-	-
	103-2 The management approach and its components	- Ecosystem & Biodiversity Protection	-	-
	103-3 Evaluation of the management approach	- Ecosystem & Biodiversity Protection	-	-
GRI 414 Supplier Social Assessment 2016	414-1 New suppliers that were screened using social criteria	- Ecosystem & Biodiversity Protection	-	-
Product and Service Labelling				
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundary	- Health and Well-being	-	-
	103-2 The management approach and its components	- Health and Well-being	-	-
	103-3 Evaluation of the management approach	- Health and Well-being	-	-
GRI 417: Marketing and Labeling 2016	417-1 Requirements for product and service information and labeling	- Health and Well-being	-	-
Healthy and Affordable Food				
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundary	- Health and Well-being - Innovation	-	-
	103-2 The management approach and its components	- Health and Well-being - Innovation	-	-
	103-3 Evaluation of the management approach	- Health and Well-being - Innovation	-	-

UNITED NATIONS GLOBAL COMPACT COMMUNICATION ON PROGRESS – ADVANCED LEVEL

UNITED NATIONS GLOBAL COMPACT (UNGC) COMMUNICATION ON PROGRESS – ADVANCED LEVEL

CRITERION	DESCRIPTION	PAGE
1	The COP describes mainstreaming into corporate functions and business units	20-26, 35-36, 37-43, 45-46,48,50-53,55,59-60,63,65,77-80,81-86,97-98,103-106
2	The COP describes value chain implementation	42,45-47,81-85,92-93, 95,123,127-128, 135-140
3	The COP describes robust commitments, strategies or policies in the area of human rights	45-47
4	The COP describes effective management systems to integrate the human rights principles	46-47, 50-52, 135-137
5	The COP describes effective monitoring and evaluation mechanisms of human rights integration	46-47, 50-53, 135-137
6	The COP describes robust commitments, strategies or policies in the area of labor	45-46, 50-54, 60, 127-129
7	The COP describes effective management systems to integrate the labor principles	37-38, 45-46, 50-56, 135-136
8	The COP describes effective monitoring and evaluation mechanisms of labor principles integration	50-56, 135-136
9	The COP describes robust commitments, strategies or policies in the area of environmental stewardship	20-24, 111-114 ,123-124, 135-136
10	The COP describes effective management systems to integrate the environmental principles	111-112,135-136
11	The COP describes effective monitoring and evaluation mechanisms for environmental stewardship	123-126,127-128,138-141
12	The COP describes robust commitments, strategies or policies in the area of anti-corruption	37-38, 42
13	The COP describes effective management systems to integrate the anti-corruption principle	42-43
14	The COP describes effective monitoring and evaluation mechanisms for the integration of anti-corruption	41
15	The COP describes core business contributions to UN goals and issues	8-9, 22-23, 27-29, 30, 34-35, 44-45, 58-59, 66-67, 76-77, 90-91, 102-103, 110-111, 122-123, 126-127, 134-135
16	The COP describes strategic social investments and philanthropy	8-9, 77-89, 97-101, 125,130-134, 138-141
17	The COP describes advocacy and public policy engagement	42, 92-93
18	The COP describes partnerships and collective action	64, 100-101,130-133, 138-141
19	The COP describes CEO commitment and leadership	4-5
20	The COP describes Board adoption and oversight	20-26, 29, 35-36, 37-38
21	The COP describes stakeholder engagement	27-29, 41, 91-93

UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS

Goal	Description	Chapter
1	End poverty in all its forms everywhere	<ul style="list-style-type: none"> • Social Impact
2	End hunger, achieve food security and improved nutrition and promote sustainable agriculture	<ul style="list-style-type: none"> • Health & Well-being
3	Ensure healthy lives and promote well-being for all at all ages	<ul style="list-style-type: none"> • Human Rights & Labor Practices • Health & Well-being
4	Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all	<ul style="list-style-type: none"> • Leadership & Human Capital Development • Education • Social Impact • Responsible Supply Chain Management
5	Achieve gender equality and empower all women and girls	<ul style="list-style-type: none"> • Leadership & Human Capital Development
6	Ensure availability and sustainable management of water and sanitation for all	<ul style="list-style-type: none"> • Water Stewardship • Ecosystem & Biodiversity Protection
7	Ensure access to affordable, reliable, sustainable and modern energy for all	<ul style="list-style-type: none"> • Climate Change Management
8	Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all	<ul style="list-style-type: none"> • Human Rights & Labor Practices • Education • Social Impact • Innovation • Responsible Supply Chain Management
9	Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation	<ul style="list-style-type: none"> • Education • Innovation • Responsible Supply Chain Management
10	Reduce inequality within and among countries	<ul style="list-style-type: none"> • Human Rights & Labor Practices • Social Impact
11	Make cities and human settlements inclusive, safe, resilient and sustainable	<ul style="list-style-type: none"> • Climate Change Management
12	Ensure sustainable consumption and production patterns	<ul style="list-style-type: none"> • Corporate Governance • Climate Change Management • Water Stewardship
13	Take urgent action to combat climate change and its impacts	<ul style="list-style-type: none"> • Climate Change Management
14	Conserve and sustainably use the oceans, seas and marine resources for sustainable development	<ul style="list-style-type: none"> • Water Stewardship • Ecosystem & Biodiversity Protection
15	Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss	<ul style="list-style-type: none"> • Ecosystem & Biodiversity Protection
16	Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels	<ul style="list-style-type: none"> • Corporate Governance • Stakeholder Engagement
17	Strengthen the means of implementation and revitalize the global partnership for sustainable development	<ul style="list-style-type: none"> • Leadership & Human Capital Development • Stakeholder Engagement • Innovation

Independent Assurance Statement

Introduction and Engagement

C.P. Intertrade Company Limited (hereafter 'CPI') commissioned TÜV NORD (Thailand) Ltd. (hereafter 'TUVT') for Sustainability Assurance Engagement. TÜV NORD (Thailand) Ltd. conducted the independent assurance of CPI's sustainability report (hereinafter 'the Report'), which includes "limited assurance" of CPI's sustainability information for the applied reporting period. This assurance engagement was conducted against the Global Reporting Initiative Standards and AA1000AS (2008) Protocol (Type 2, Moderate Level). TUVT also performed Assurance, based on AccountAbility Principles Standard AA1000AP (2018) and AccountAbility Stakeholder Engagement Standard AA1000SES (2015) and ISO 14064 Part 3: Greenhouse Gases: Specification with guidance for the validation and verification of greenhouse gas assertions (ISO, 2006). The remote verification was conducted in May 2020. In addition, desk review was carried out for other sites which are parts of report boundary. CPI opted for external assurance for the calendar year 2019. The Report covers CPI's sustainability information for the period 1st January 2019 to 31st December 2019.

Scope, Boundary and Limitations of Assurance

The scope of the assurance includes the economic, environmental and social indicators in the report as per the Core disclosures required by GRI Standards. In particular, the assurance engagement includes the following:

- Verification of the application of the Report content, principles as mentioned in the GRI Standards, and the quality of information presented in the Report over the reporting period;
- Review of the policies, initiatives, practices and performance described in the Report;
- Review of the disclosures made in the Report against the requirements of the GRI Standards and AA1000AS (2008), with a Type 2, moderate level of assurance;
- Verification of the reliability of the GRI Standards Disclosure on economic, environmental and social (disclosures are tabulated below)
- GRI Food Processing Sector Specific Indicators
- Specified information was selected based on the materiality determination and needs to be meaningful to the intended users;
- Confirmation of the fulfilment of the GRI Standards; 'in accordance' with the Core criteria, as declared by the management of CPI.

The reporting boundary is based on the internal and external materiality assessment. The reporting aspect boundaries are set out in the Report covering the sustainability performance of six (6) main factories; five located in Thailand and one located in Cambodia. In additional (1) one river port (in line with Company's Annual Report 2019), comprising

- 1) Khao C.P. Co.,Ltd.
135 Moo 5, Tambon Mae-la, Amphur Nakhonluang, Ayutthaya 13260 Thailand
- 2) Khao C.P. Co.,Ltd.
3/2-4 Moo 1, Tambon Wangdaeng, Tharua, Phranakornsriayutthaya 13130 Thailand
- 3) Khao C.P. Co.,Ltd.
279 Moo 9, Tambon Salaengphan Amphur Lamplaimat , Buriram 31130 Thailand
- 4) Khao C.P. Co.,Ltd.
222 Moo 1, Tambon Dermbang Amphur Dermbangnangbuat , Supanburi 72120 Thailand
- 5) Khao C.P. Co.,Ltd.
99/1 Moo 5, Tambon Wangbua, Amphur Khlongklung, Kamphaengphet 62120 Thailand
- 6) Ayutthaya Port & ICD Co., Ltd.
111 Moo 3, Tambon Phra-non, Amphur Nakhonluang, Ayutthaya 13260 Thailand
- 7) Apsara Rice (Cambodia) Co.,Ltd.
Road No.51, Chamkar Loung village, Veangchas commune, Udong district, Kampong Speu province, Cambodia.

Our engagement did not include an assessment of the adequacy or the effectiveness of CPI's strategy or management of sustainability related issues. During the assurance process, TUVT did not come across

the limitations to the scope of the agreed assurance engagement. No external stakeholders were interviewed as a part of the sustainability engagement for the reporting period.

Verification Methodology

This assurance engagement was planned and carried out in accordance with the GRI Standards and AA1000AS (2008). The Report was evaluated against the following criteria:

- Adherence to the principles of Stakeholder inclusiveness, Materiality, Responsiveness, Completeness, Neutrality, Relevance, Sustainability context, Accuracy, Reliability, Comparability, Clarity and Timeliness; as prescribed in the GRI Standards and AA1000AS (2008);
- Application of the principles and requirements of the GRI Standards for its “in accordance with Core” criteria.

During the assurance engagement, TUVT adopted a risk-based approach, concentrating on verification efforts on the issues of high material relevance to CPI’s business and its stakeholders. TUVT has verified the statements and claims made in the Report and assessed the robustness of the underlying data management system, information flows and controls. In doing so:

- TUVT reviewed the approach adopted by CPI for the stakeholder engagement and materiality determination process. TUVT performed limited internal stakeholder engagement to verify the qualitative statements made in the Report;
- TUVT verified the sustainability-related statements and claims made in the Report and assessed the robustness of the data management system, information flow and controls;
- TUVT examined and reviewed the documents, data and other information made available by CPI for the reported disclosures including the Disclosure on Management Approach and performance indicators;
- TUVT conducted interviews with key representatives including data owners and decision-makers from different functions of the Company during the site visit;
- TUVT performed sample-based reviews of the mechanisms for implementing the sustainability related policies, as described in CPI’s Sustainability Report;
- TUVT verified sample-based checks of the processes for generating, gathering and managing the quantitative data and qualitative information included in the Report for the reporting period.

Opportunities for Improvement

The following is an extract from the observations and opportunities for improvement reported to the management of CPI and are considered in drawing our conclusions on the Report; however, they are generally consistent with the Management’s objectives.

Opportunities are as follows:

- The sources of methane emission could be considered following; rice husk storage

Conclusions

The Report was prepared based on the GRI Standards Reporting Principles and Standard Disclosures 'in accordance' with the GRI Standards Core option. In our opinion, based on the scope of this assurance engagement, the disclosures on sustainability performance reported in the Report along with the referenced information provides a fair representation of the material aspects, related strategies, and performance indicators, and meets the general content and quality requirements of the GRI Standards Core option.

- Disclosures: TUVT is of the opinion that the reported disclosures generally meet the GRI Standards reporting requirements for 'in accordance'- Core reporting criteria. Organization refers to general disclosure to report contextual information about an organization while the Management Approach is discussed to report the management approach for each material topic.
- Topic Specific Standard: TUVT is of the opinion that the reported specific disclosures for each material topic generally meet the GRI Standards reporting requirements for 'in accordance'- Core reporting criteria.

The requirements below material aspect were verified by the assurance team:

Material Issues	GRI Disclosure Number
Approach to stakeholder engagement	GRI 102-43
Energy consumption within the organization	GRI 302-1
Water withdrawal	GRI 303-1 (2016)
Direct (Scope 1) GHG emissions	GRI 305-1
Energy indirect (Scope 2) GHG emissions	GRI 305-2
Waste by type and disposal method	GRI 306-2
Average hours of training per year per employee	GRI 404-1
Percentage of employees receiving regular performance and career development reviews	GRI 404-3
Types of injury and rates of injury, occupational diseases, lost days, and absenteeism, and number of work-related fatalities	GRI 403-2 (2016)

On the basis of the procedures we have performed, nothing has come to our attention that causes us to believe that the information subject to the Type 2 moderate level assurance engagement was not prepared, in all material aspects, in accordance with the GRI Standards "Core option" sustainability reporting guidelines, or that the sustainability information is not reliable in all material respects, with regards to the reporting criteria.

TUVT did perform any assurance of procedures on the prospective information, such as targets, expectations and ambitions, disclosed in the sustainability information. Consequently, TUVT draws conclusion on the prospective information. This assurance statement has been prepared in accordance with the terms of our engagement. Type 2 moderate level assurance engagement with respect to sustainability related data involves performing procedures to obtain evidence about the sustainability information. It does include detailed testing of source data or the operating effectiveness of processes, internal controls and consequently they do enable us to obtain the assurance necessary to become aware of all significant matters that might be identified in a Type 2 moderate level assurance engagement.

TUVT has evaluated the Report's adherence to the following principles with respect to the requirements of the GRI Standards.

Stakeholder Inclusiveness: Stakeholder identification and engagement is carried out by CPI on a periodic basis to bring out key stakeholder concerns as material aspects of significant stakeholders. In our view, the Report meets the requirements.

Materiality: The materiality assessment process has been carried out, based on the requirements of the GRI Standards, considering aspects that are internal and external to the Company's range of businesses. The Report fairly brings out the aspects and topics and its respective boundaries of the diverse operations of CPI. In our view, the Report meets the requirements.

Responsiveness: TUVT believes that the responses to the material aspects are fairly articulated in the report, i.e. disclosures on CPI's policies and management systems including governance. In our view, the Report meets the requirements.

Impact: CPI has adequately captured the impact of its business on the community and environment and has taken several measures to reduce the impact.

Completeness: The Report has fairly disclosed the General and Specific Standard Disclosures, including the Disclosure on Management Approach, covering the sustainability strategy, management approach, monitoring systems and sustainability performance indicators against the GRI Standards, 'in accordance with the Core option. In our view, the Report meets the requirements.

Reliability: The majority of the data and information was verified by TUVT's assurance team at CPI's office on the factory's premises and found to be accurate. Further desk review of web-based data was carried out for all other sites mentioned above. Therefore, in accordance with the GRI Standards and AA1000AS (2008) for a Type 2, moderate level assurance engagement, TUVT concludes that the sustainability data and information presented in the Report is reliable and acceptable. In our view, the Report meets the requirements.

Neutrality: The disclosures related to sustainability issues and performances are reported in a neutral tone, in terms of content and presentation. In our view, the Report meets the requirements.

TUVT expressly disclaims any liability or co-responsibility for any decision a person or entity would make based on this Assurance Statement. The intended users of this assurance statement are the management of CPI. The management of the Company is responsible for the information provided in the Report as well as the process of collecting, analyzing and reporting the information presented in web-based and printed Reports, including website maintenance and its integrity. TUVT's responsibility regarding this verification is in accordance with the agreed scope of work which includes non-financial quantitative and qualitative information (Sustainability Performance – environmental and social indicators) disclosed by CPI in the Report. This assurance engagement is based on the assumption that the data and the information provided to TUVT by CPI are complete and reliable.

TUV's Competence and Independence

TUVT is an independent, neutral, third-party providing sustainability services, with qualified environmental and social assurance specialists. TUVT states its independence and impartiality with regard to this assurance engagement. In the reporting year, TUVT did not work with CPI on any engagement that could compromise the independence or impartiality of our findings, conclusions and recommendations. TUVT was not involved in the preparation of any content or data included in the Report, with the exception of this Assurance Statement. TUVT maintains complete impartiality toward any people interviewed during the assurance engagement.



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AA1000
Licensed Assurance Provider
000-286

Date: 30 May 2020
Place: Bangkok, Thailand
Project Reference No: TUVN/CPI/SA/2019



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