



RICE IS LIFE



SUSTAINABILITY REPORT 2022

C.P. Intertrade Company Limited
RICE BUSINESS TRANSPORTATION AND SERVICE
CHAROEN POKPHAND GROUP

TABLE OF CONTENT

SECTION 1 : INTRODUCTION

THE LEADER OF CP INTERTRADE COMPANY LIMITED,CHAROEN POKPHAND GROUP

- Message from the Vice-Chairman 2
- Rice Business Transportation and Service

IMPORTANT RESULTS OF THE YEAR 2022

- Summary Of Key Performance in 2022 4
- Performance Results of the 15 Sustainability Goals 6
- Awards and Recognitions 7
- Standard Systems 13

ABOUT CPINTERTRADE

- Business base of C.P. Intertrade 14
- Supply chain of C.P. Intertrade 16
- Vision & Mission 18
- The Goals Of The Initiative 19
- Six Core Values 20

SECTION 2

SUSTAINABILITY MANAGEMENT

- Sustainability Strategy Framework 2030 23
- Supporting the Sustainable Development Goals 2022 24
- Sustainability Governance 25

Materiality Assessment

- Materiality Assessment Process 26
- Scope of Materiality Assessment 30
- Materiality Assessment Results 31
- About This Report 32

SECTION 3

HEART : LIVING RIGHT

- Corporate Governance 36
- Human Rights & Labor Practices 49
- Education & Inequality Reduction 58
- Leadership & Human Capital Development 64
- Cyber Security & Data Protection 69

SECTION 4

HEALTH : LIVING WELL

- Health & Well-Being 77
- Social Impact And Economic Contribution 83
- Occupational Health & Safety 95
- Innovation Management 101
- Stakeholder Engagement 110

SECTION 5

HOME : LIVING TOGETHER

- Climate Resilience 124
- Circular Economy 132
- Water Stewardship 139
- Ecosystem & Biodiversity Protection 146
- Responsible Supply Chain Management 152

SECTION 6

APPENDIX

- Sustainability Performance Data 159
- GRI Content Index 164
- Specific standard disclosures 166
- United Nations Sustainable Development Goals 171
- Independent Assurance Statement 172

MESSAGE FROM --- THE VICE-CHAIRMAN



MR. PRASIT DAMRONGCHIETANON
VICE-CHAIRMAN

RICE BUSINESS TRANSPORTATION AND SERVICE
CHAROEN POKPHAND GROUP

INNOVATIVE ORGANIZATION

Our vision is to become an organization that fosters innovation, creating economic, social and environmental benefits for the entire world. C.P. Intertrade Co., Ltd. and companies in the Rice Business Transportation and Service are focus on creating a culture of exchanging knowledge along with encouraging employees to create innovations. To step towards sustainable business growth in terms of economy, society, and environment

“Innovation development isn't just a matter of policy but should be conscious mind of every employee”

We encourage our employees to embody this way of thinking and to appreciate the importance of innovation in everything we do. Innovation is not just about scientific discoveries; it is an attitude that is integrated in every aspect of our business. Most importantly, innovation does not flourish in a vacuum, but is a product of collaboration and cooperation.


ENVIRONMENTAL

“It is our responsibility to strike the right balance between development and the conservation of our natural resources while respecting the rights of all of our stakeholders. ”

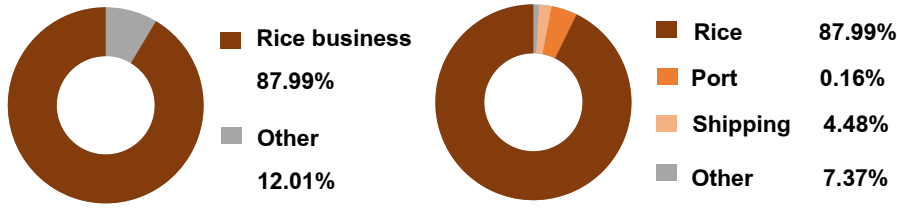
C.P. Intertrade Co., Ltd. and companies in the Rice Business Transportation and Service are constantly seeking ways to share knowledge with and build the capabilities of the communities we impact while also ensuring we do all we can to help ecosystems and biodiversity flourish. This will help ensure that the natural resources, on which our business depends, remain sustainable and abundant.

SUMMARY OF KEY PERFORMANCE IN 2022

ECONOMIC GROWTH

Total income 
41,243
Million baht

Sales Revenue by Country and Business Line



Employee benefits
Million baht



Tax paid to the
government

27.12

Million baht

Support community
and society

9.33

Million baht

HEART: LIVING RIGHT

Number of
employees

899
people



Employee
proportion

Male: Female
52.50% : 47.50%



New
hires

55 people

Safety
Employees

1.79

Contractor

11.74

Lost time injury rate
(Per 1,000,000
working hours)

Announcement of the use of
ethics in Operate the business
of the group

**“Code of Conduct of
the Group, our practice”**

Leadership development

899

Number of trainees and sustainability
development

Evaluate and identify key
human rights issues
At the chain level

4 Issues

Human resource development

4.17

Training time averages
All employees (Hour / person / year)



HEALTH: LIVING WELL

Support farmers and
Vulnerable groups

6,511 people



Farmers

5,766 people



Vulnerable Groups

745 people



4

Number of food products
with a focus on health,
nutrition, health and wellbeing



Number of personnel
Research and development

12 people



Promoting access to education
and knowledge organization

10,874 people

Savings from the Cost Productivity
Improvement Program And
Innovation



88.60 Million Baht

HOME: LIVING TOGETHER

Greenhouse gas emissions
(Scope 1+2)



53,816.67
TonCO₂

Greenhouse Gas
Emission Ratio by Scope



■ Scope1 65.51%
■ Scope2 34.49%

Registration of carbon
Footprint product

4 Product

Energy consumption



668,009.85
Gigajoule

Proportion of
renewable energy use

8.59%



Amount of Water Used



30,929
Cubic meter

The amount of Waste
Product

1,114.19
Ton



OPERATIONAL
ECO-EFFICIENCY

(Unit per income

1 million baht)

16.20

Gigajoule

1.30

TonCO₂

0.75

Cubic meter

0.03

Ton

Power consumption

Greenhouse gas emissions

Water used

Waste quantity

PERFORMANCE RESULTS OF THE 15 SUSTAINABILITY GOALS 2030

Summary of the performance the year 2022 is as follows:



Heart:
Living Right

CORPORATE GOVERNANCE



Percentage of Business assessed on CG practices. (Ethisphere)

Goals	Performance
100 %	100 %




Health:
Living Well

HEALTH & WELL-BEING



All products are certified for food safety, GHPs and BRC.

Goals	Performance
50 %	100%



Home:
Living Together

CLIMATE RESILIENCE



Amount of greenhouse gas emissions per revenue increase by **6.24 %** in base year 2020.

Goals	Performance
Carbon Neutral	-

HUMAN RIGHTS & LABOR PRACTICES



Percentage of Business with Human Rights Impact Assessment.

Goals	Performance
100 %	100%

SOCIAL IMPACT AND ECONOMIC CONTRIBUTION



Improved employment prospects and quality of life for **6,511** farmers and vulnerable groups.

Goals	Performance
100,000 people	6.51 %

CIRCULAR ECONOMY



90% of all plastic packaging are recyclable, reusable or compostable.

Goals	Performance
100%	90%

EDUCATION & INEQUALITY REDUCTION



Support **10,874** children, youths, and adults will gain access to education and necessary skills development

Goals	Performance
100,000 people	10.87 %

OCCUPATIONAL HEALTH & SAFETY



Zero Accident
1.79 no. per1,000,000 working hours

Goals	Performance
Zero Accident	1.79 no. per1,000,000 working hours

WATER STEWARDSHIP



25.04 % reduction in water withdrawal per unit revenue compared to baseline year 2020.

Goals	Performance
100%	25.04%

LEADERSHIP & HUMAN CAPITAL DEVELOPMENT



Percentage of Employees Engaged in Learning and Initiatives

Goals	Performance
100 %	100%

INNOVATION MANAGEMENT



saving from innovation projects. Increase efficiency and reduce costs, increasing to **88.60 million baht** from the goal of 100 million baht.

Goals	Performance
100 million baht	88.60 million baht

ECOSYSTEM AND BIODIVERSITY PROTECTION



Protected and restored terrestrial ecosystems **112,350** rai from target 800,000 rai.

Goals	Performance
800,000 rai	112,350 rai

CYBER SECURITY & DATA PROTECTION



Percentage of Business with certified international standard

Goals	Performance
100 %	100%

STAKEHOLDER ENGAGEMENT



87% engagement score of multi-stakeholder perception survey

Goals	Performance
80 %	78%

RESPONSIBLE SUPPLY CHAIN MANAGEMENT



Percentage of high-risk raw materials are traceable and high-risk suppliers audited.
(Sustainability audit with 21 high-risk supplier from 32 supplier)

Goals	Performance
100%	63.64%

DOW JONES SUSTAINABILITY INDICES

(DJSI)



NO. 22
IN THE WORLD OF
FOOD & STAPLES RETAILING CATEGORY

C.P. Intertrade Co., Ltd. and companies in the Rice Business Transportation and Service join the Dow Jones Sustainability Index membership Industry Leader of the Food & Staples Retailing industry for the Second time with a **49 Score (Percentile 89)** with details as follows:

2022 CSA WEIGHTS OVERVIEW

GOVERNANCE & ECONOMIC			AVG.	
			39	26
•	CORPORATE GOVERNANCE	18	41	
★	MATERIALITY	65	28	
•	RISK & CRISIS MANAGEMENT	12	21	
★	BUSINESS ETHICS	69	27	
•	POLICY INFLUENCE	5	12	
★	SUPPLY CHAIN MANAGEMENT	66	15	
•	TAX STRATEGY	30	27	
•	INFORMATION SECURITY/ CYBERSECURITY & SYSTEM AVAILABILITY	22	14	
ENVIRONMENTAL			AVG.	
			50	19
★	ENVIRONMENTAL REPORTING	100	36	
★	ENVIRONMENTAL POLICY & MANAGEMENT SYSTEMS	93	20	
•	OPERATIONAL ECO-EFFICIENCY	44	29	
•	BIODIVERSITY	18	5	
•	CLIMATE STRATEGY	53	23	
•	FOOD LOSS & WASTE	57	23	
•	GENETICALLY MODIFIED ORGANISM	0	11	
•	PACKAGING	39	18	
•	SUSTAINABLE AGRICULTURAL PRACTICES	37	12	
★	WATER RELATED RISKS	70	8	
SOCIAL			AVG.	
			56	19
★	SOCIAL REPORTING	100	36	
•	LABOR PRACTICE INDICATORS	56	26	
•	HUMAN RIGHTS	51	14	
•	LIVING WAGE	32	5	
•	HUMAN CAPITAL DEVELOPMENT	33	34	
★	TALENT ATTRACTION & RETENTION	63	12	
★	CORPORATE CITIZENSHIP & PHILANTHROPY	66	29	
★	OCCUPATIONAL HEALTH & SAFETY	77	13	
•	HEALTH & NUTRITION	31	13	
•	CUSTOMER RELATIONSHIP MANAGEMENT	57	13	
•	PRIVACY PROTECTION	48	21	

BUSINESS GOVERNANCE AWARD

“C.P. Intertrade won the Business Governance Award

Reinforcing the white organization adhere to rules, transparency”

Mr. Thiti Lujintanon, Chief Operating Officer, C.P. Intertrade Co., Ltd. received the Good Governance Standards 2021 certificate from Mr. Sinit Lertkrai, Deputy Minister of the Ministry. commerce At the event honoring businesses that have been certified according to good governance standards for the year 2021 and 2022, which the Department of Business Development Organized by the Ministry of Commerce.

At this event, there were a total of 40 new businesses that passed the certification criteria, consisting of 24 businesses that received certification in 2021 and 16 businesses that received certification in 2022.

2021 is the first year that C.P. Intertrade Company Limited received such certification. However, in the past The company is committed to conducting business in accordance with standard rules and regulations. business ethics Transparency and participation of stakeholders has continued. With awareness of responsibility towards consumers and business partners.

For businesses that have passed the support considered a white business which is a role model in conducting business that adheres to and complies with 6 principles of good governance, namely the rule of law, morality, transparency principles of participation Principles of responsibility and principles of worthiness which the Department of Business Development has begun organizing activities to award certificates Since 2017, there are currently 195 certified businesses.



MORAL ORGANIZATION AWARD

C.P. Intertrade Company Limited received the 2021 Moral Organization Award in the category of Model Moral Organization. From the National Moral Promotion Committee, Department of Religious Affairs, Ministry of Culture

Thursday, August 25, 2022 – Mr. Tianchai Jupattanakul, Assistant Managing Director Office of Social Activities Being a representative to receive the award The event was honored by Mr. Itthipol Khunpluem, Minister of Culture, at the National Gallery Building. Ministry of Culture.

CP Intertrade Company Limited is ranked among the top 10 companies nationwide. More than 300 communities and organizations applied to participate in the award competition. We were honored to have experts from various fields join the working group for consideration. Selected to receive the Morality Award 2021.

Throughout the past period, the company has operated its business under morality, ethics, transparency and accountability. starting from within the organization To benefit the community, society, and to the public of the nation..

The Company has a policy for all employees of the organization to act as a good example for society according to the policy of Senior President Thanin Chearavanont. The principles of 3 benefits of the Charoen Pokphand Group are benefits to the country, people and the organization.



PM'S EXPORT AWARD 2022

C.P. Intertrade Co., Ltd. Reinforces The Standard Of Rice Export One World Class Brand Award-winning Outstanding Export Business AWARD 2022

PM's EXPORT AWARD 2022 Award of Honor in the category of BEST OF THE BEST CPI being 1 of 6 large business companies (L) in the field of food products and is the only rice company to receive such an award. It is considered an award of honor. This is the first year that the Ministry of Commerce organizes the BEST OF THE BEST contest from all the companies that have been awarded for the past 30 years to give entrepreneurs to operate their businesses or have a plan to conduct business in the context of the modern world (Next Normal) in various areas such as design, innovation, branding. Development along the lines of bioeconomy - circular economy - green economy (Bio-Circular-Geen Economy: BCG) including conducting business that is in line with the United Nations' guidelines for sustainable development or The 17 Sustainable Development Goals (SDGs), with a total of 34 companies



The award received It is an award that reflects the achievements that we are very proud of. It is an indicator of production standards. for the export of Thai businesses Including creating a good image in all relevant dimensions. Both products or product brands under the organization Through collaboration, the company intends to maintain production standards. in order to obtain good products with consistent quality forever.”



MARKETEER NO.1 BRAND THAILAND

Khao Tra Chat No.1 Brand Thailand has won the number 1 brand in the hearts of consumers nationwide for 11 consecutive years with the Marketeer No.1 Brand Thailand award, promoting consistent quality - meeting every preference.

Umbrella Rice, the leader in the bagged rice business in Thailand Win the ultimate award "Marketeer No. 1 Brand Thailand 2021-2022" or the No. 1 popular brand award in the hearts of consumers across Thailand. in the category of packaged rice business Ranked number one for the 11th consecutive year out of all 60 award recipients, this is an award of pride. And help to reinforce the standards, product quality and service from the feedback of consumers across the country who accept and have always trusted in choosing Tra Chat brand rice.

Mr. Yongyut Phruet Mahadamrong, Senior Deputy Managing Director, said, "Chat Brand Rice thanks consumers all over the country. Everyone who has trusted us to choose Chat Brand Rice as the number 1 brand in the hearts of consumers. This award has been received for 11 consecutive years based on consumer votes. Person who supports Khao Tra Chat Thank you to the Khao Tra Chat team. Whether it's the front end or the back end. This award is an encouragement to all of us. Committed to developing product quality standards and continuing to build on the success of Chat Brand Rice. Finally, thank you to Thai farmers. indispensable important person who participate in the production of good quality rice and various mills or even various stakeholders It is considered that everyone has participated in this award. that makes us a quality product and has been continuously accepted for 11 consecutive years. which is also the great determination of Royal Umbrella rice Under the Charoen Pokphand Group, the senior president has given a policy of 3 benefits: the nation, the people, and the company. With this philosophy, Tra Chat Rice operates the rice business in Thailand to be sustainable. continuously and for a long time is considered an important strategy And we must also strive to develop products and services to be better than before. In the future, there will be new innovations. related to rice production come out continuously And this innovation must help solve various problems. and answer every need of our consumers. It also helps improve the health of Thai people as well."



THE BEST OUTSTANDING MODEL FOR SAFETY, OCCUPATIONAL HEALTH AND WORKING ENVIRONMENT AWARD 2022



KhaoTraChat received the award for the model establishment of safety, occupational health and working environment at the national level for the year 2021. 🏆 🏆

Khao C.P. Co., Ltd. received an award plaque and an award certificate for a model enterprise in safety, occupational health and work environment at the national level for the year 2021 from Mr. Chaiwat Angkachai, Labor Protection and Welfare, Ayutthaya Province.

Divided into 2 award.

- 🏆 Wang Daeng Rice Factory received National Award (Platinum Level) 15th consecutive year
- 🏆 Nakhon Luang Rice Factory received National Award (Gold Level) 7th consecutive year

Both of which are awards for the safety model establishment. Held continuously every year by the Labor Safety division department of Labor Protection and Welfare.

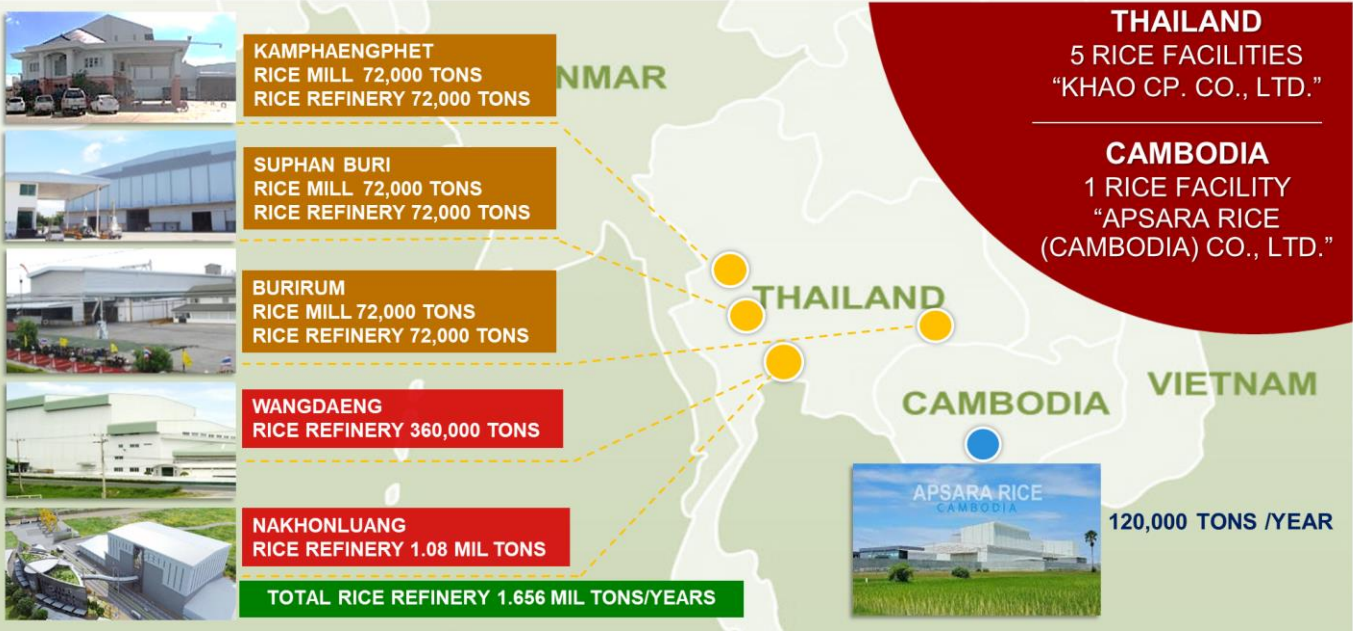
INTERNATIONAL STANDARD

LABOR PRACTICE	QUALITY & PRODUCT RESPONSIBILITY
<ul style="list-style-type: none">TLS 8001 Thai Labor Standards System ExcellentEstablishment Award for Labor Relations and Labor Welfare by the Department of Labor Protection and Welfare Ministry of Labor<ul style="list-style-type: none">➤ Khao C.P. Co., Ltd.(Wang Daeng Rice Factory)➤ Khao C.P. Co., Ltd. (Nakhon Luang Rice Factory)➤ Khao C.P. Co., Ltd. (Buriram Rice Mill)➤ Khao C.P. Co., Ltd. (Kamphaeng Phet rice mill)➤ Khao C.P. Co., Ltd. (Suphanburi Rice Mill)Labor Practice Standards (Sedex, BSCI)<ul style="list-style-type: none">➤ Khao C.P. Co., Ltd.(Wang Daeng Rice Factory)➤ Khao C.P. Co., Ltd. (Nakhon Luang Rice Factory)	<ul style="list-style-type: none">BRC Issue 8 (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).GHPs TAS 9023-2021 (Good Hygiene Practices) standard from SGS (Thailand)HACCP TAS 9024-2021 Standard (Hazard Analysis Critical Control Point) from SGS (Thailand)FSMA Module (Food Safety Modernization Act)FDA standards from the Food and Drug Administration
SAFETY, OCCUPATIONAL HEALTH AND ENVIRONMENT	SUSTAINABILITY
<p>Management system</p> <ul style="list-style-type: none">Environnemental management system standard ISO 14001:2015 : Bureau Veritas ThailandGreen Industry From the green industry project Ministry of Industry <p>Product safety</p> <ul style="list-style-type: none">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.	<ul style="list-style-type: none">Carbon Reduction LabelCorporate 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 CommerceUnilever Sustainability Agriculture CodeKCP Sustainability AgricultureOrganic / Organic Thai rice

BUSINESS BASE OF C.P. INTERTRADE CO., LTD. AND COMPANIES IN THE RICE BUSINESS TRANSPORTATION AND SERVICE

We Are, **C.P. Intertrade Co.,Ltd.**, A Subsidiary Company Of Charoen Pokphand (C.P.) Group Of Companies The Biggest Conglomerated Agricultural Business In South East Asia. The Company Established In 1979 And Was Promoted In The Investment From The Board Of Investment Of Thailand. The Operation Focused On Providing Service Of International Trade With The Service Of Importing And Exporting Rice And Food Products In Order To Quickly Respond To The Demand Of Customers Covering All Regions Of The World. The Company Is Trusted From The Customers As The Leading International Trade Company Of Thailand With Worldwide Network.

Our Rice Business Emphasizes On High Standard And Quality Starting From The Selection Of Raw Materials Of High Quality. We Have 5 Rice Processing Factories In Thailand With The Total Volume Of 1.656 Million Tons Of Rice Per Year, Three Rice Mills (In Kamphaeng Phet, Suphan Buri And Burirum Provice) Are Constructed For Directly Receiving The Raw Materials From Farmers And Two Facilities For Rice Quality Improvement With The Advanced Technology Global Standard. The Development Starts From The Selection Of Rice, The Production Process, The Quality Control, And The Rigid Inspection. It Can Be Traceable In All Processes Resulting In The High Quality Of Products Following International Standard. The Production Standard Is Under GHPS, HACCP, and ISO9001: 2015



RICE BUSINESS TRANSPORT AND SERVICE



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. and companies in the Rice Business Transportation and Service 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

- Corporate Governance
- Human Rights & Labor Practices
- Education & Inequality Reduction
- Leadership & Human Capital Development
- Cyber Security & Data Protection

SOCIAL DIMENSION

- Health & Well-Being
- Social Impact and
- Occupational Health & Safety
- Innovation Management
- Stakeholder Engagement

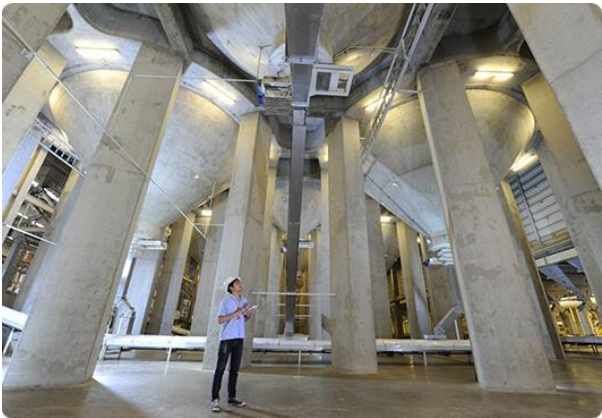
ENVIRONMENTAL DIMENSION

- Climate Resilience
- Circular Economy
- Water Stewardship
- Ecosystem & Biodiversity Protection
- Responsible Supply Chain Management

From rice field to factory...

Tra Chat Story

We began to participate from the time farmers planted rice. We pass on knowledge about growing rice to farmers. Ready to support production factors. We buy rice at a 'higher price' than the market.



Nakhon Luang Factory

When the harvest is finished, the rice will be sent to “Nakhon Luang Rice Factory”, a large factory of Chattra rice. Located on an area of over 270 rai in Nakhon Luang District, Phra Nakhon Si Ayutthaya Province. It is the largest and most modern rice factory in the world with a budget of 3,000 million baht.

With modern technology...

Nakhon Luang Rice Factory has a total of 8 rice raw material storage facilities, able to hold up to 240,000 tons of rice, making Nakhon Luang Rice Factory able to produce up to 1,080,000 tons of rice per year to increase the potential for storing and transporting goods. There is a large warehouse that can support product volumes of up to 3,600 tons per day.



Every step of production is produced in a closed system...

All rice that goes into the production process Will be sent from the company's 5 mills and 100 network mills across the country that have passed the quality standard certification and deliver rice with a complete transportation system to the environmentally controlled rice storage facility of the Nakhon Luang Rice Factory to wait for production in the next step.

Quality Conscious And Cleanliness...



Rice samples are also collected for inspection to ensure that every grain of rice that leaves the Nakhon Luang Rice Factory is clean, safe, and free from contaminants that are harmful to consumers.

Control standards with modern technology...

Nakhon Luang Rice Factory has brought modern technology into the production process
Every production step is controlled by a computer system.



Until it became this bag of Chat Brand rice...

That is ready to go to the market both domestically and around the world with convenience and speed in loading and unloading goods through the new water transportation port on the Pa Sak River under the Ayutthaya Port and ICD Co., Ltd. with a length of 276 meters, mooring ready. Can accommodate up to 5 ships at a time, supporting up to 400,000 containers per year.

And most importantly, this water transport port is also considered a point of transporting goods by water. Thailand's new, most modern and complete water container transport From Ayutthaya Pier and ICD Connect to Bangkok Port. Laem Chabang Port and other private ports along the coast

VISION

LEADER OF RICE MANUFACTURING AND NO.1 RICE EXPORTER
WITH GLOBAL STANDARD, INNOVATION AND EXCELLENCE
MANAGEMENT SYSTEM



MISSION

C

CUSTOMER & MARKET FOCUS

P

PEOPLE ENGAGEMENT





R

ROYAL UMBRELLA BRAND

I

INNOVATION

C

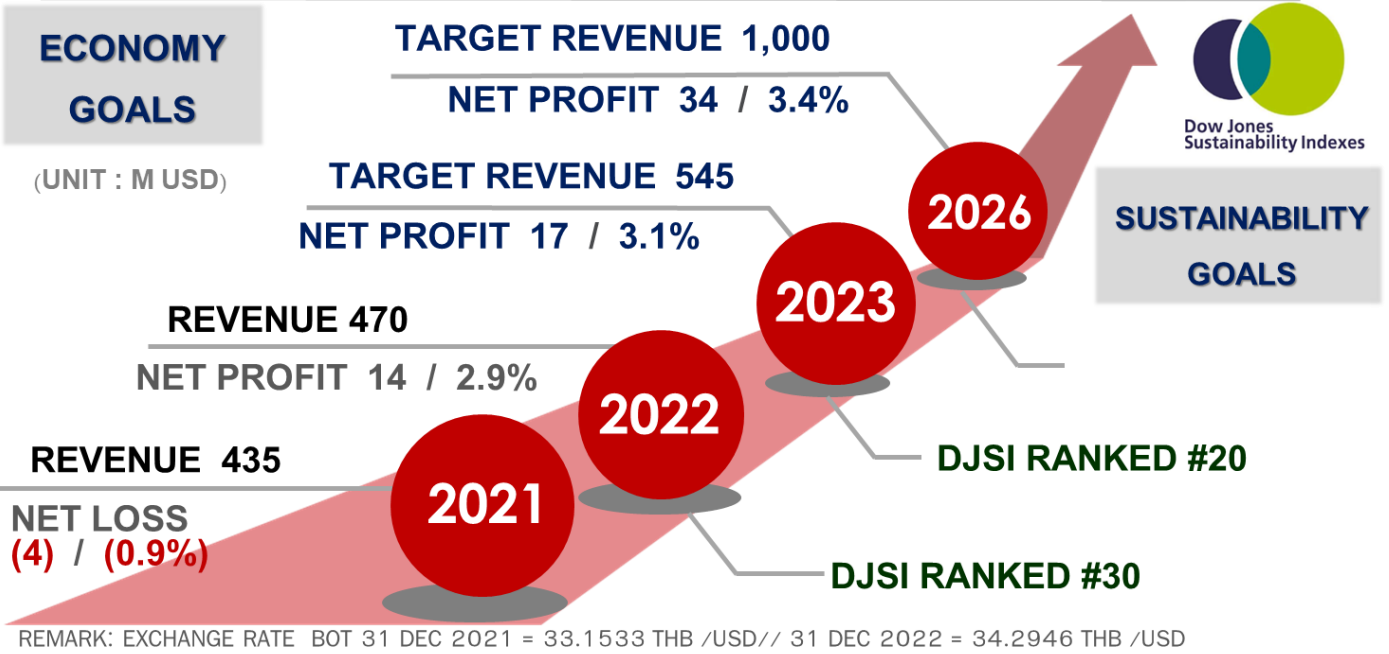
COMMUNITY OF BUSINESS

E

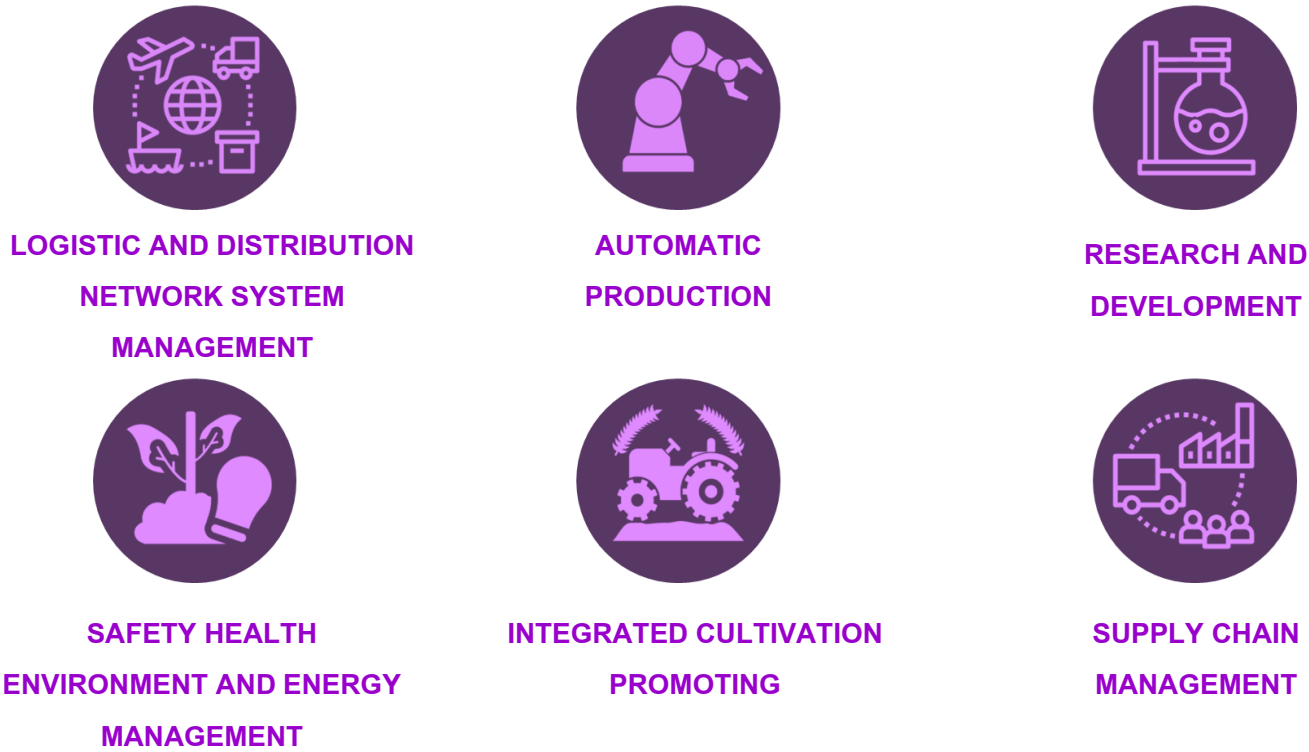
EXCELLENCE MANAGEMENT SYSTEM

THE GOALS OF THE INITIATIVE :

RICE & FOODS BUSINESS



CORE COMPETENCY



CP CORE VALUE

Our Operation 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.





SUSTAINABILITY MANAGEMENT



In addition to delivering value through quality products and services that meet the expectations of customers and consumers, C.P. Intertrade Co., Ltd. and companies in the Rice Business Transportation and Service 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, Rice Business Transport and Service 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).



**SUSTAINABILITY
STRATEGY**



**SUSTAINABILITY
GOVERNANCE**



**MATERIALITY
ASSESSMENT**

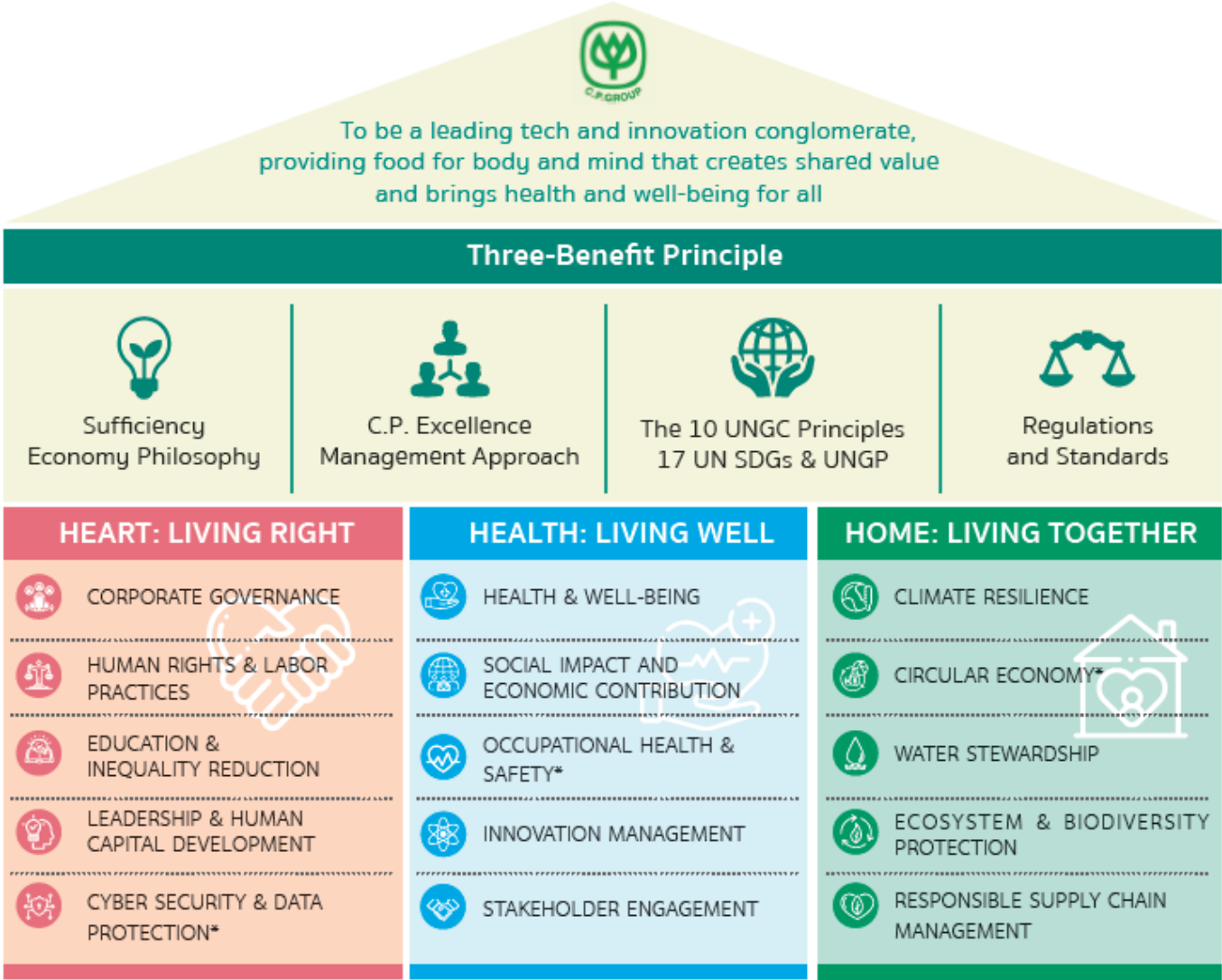


**ABOUT
THIS REPORT**

SUSTAINABILITY STRATEGY

FRAMEWORK 2030

C.P. Intertrade Co., Ltd. and companies in the Rice Business Transport and Service Charoen Pokphand Group has formulated a strategy the Charoen Pokphand Group sustainable development goals and indicators 2030 are re-established for all C.P. Group companies around the world to set goals and plans for implementation. It is also used as a direction for business development and operations from January 2021 to December 2030, covering a period of 10 years, comprising 15 key sustainability issues and and sustainable development indicators covers issues that are of interest to stakeholders in the short, medium and long term and responds to the direction of the group's growth. To create a great change for the nation, the people and the Charoen Pokphand Group in a sustainable way by the Rice Business Transport and Service has established a strategy and sustainability goals as follows:



Heart:
Living Right



CORPORATE GOVERNANCE
100% of businesses implement a corporate governance impact scoring assessment



HUMAN RIGHTS & LABOR PRACTICES
100% of businesses periodically conduct human rights impact assessment in high risk own operations and tier 1 suppliers



EDUCATION & INEQUALITY REDUCTION
100,000 people supported through educational support, lifelong learning, and upskilling



LEADERSHIP & HUMAN CAPITAL DEVELOPMENT
100% employees engaged in sustainability training and initiatives



CYBER SECURITY & DATA PROTECTION
100% of businesses certified on international standard of data security and data privacy



Health:
Living Well



HEALTH & WELL-BEING
50% total sales volume of consumer products and services help promote health and well-being



SOCIAL IMPACT AND ECONOMIC CONTRIBUTION JOBS
100,000 farmers supported to generate incomes for small farmers, SMEs and vulnerable groups along our supply chain



OCCUPATIONAL HEALTH & SAFETY
Zero achieve zero lost time injury frequency rate
Accident



INNOVATION MANAGEMENT
100 Cost saving from Process innovation
Million Baht



STAKEHOLDER ENGAGEMENT
80% of multi-stakeholder engagement surveys score positively



Home:
Living Together



CLIMATE RESILIENCE
Net Zero carbon emissions of organization's operations



CIRCULAR ECONOMY
100% achieve zero food waste from organization's activities and use of sustainable packaging



WATER STEWARDSHIP
10% reduction in water withdrawals per unit revenue compared to baseline year 2020



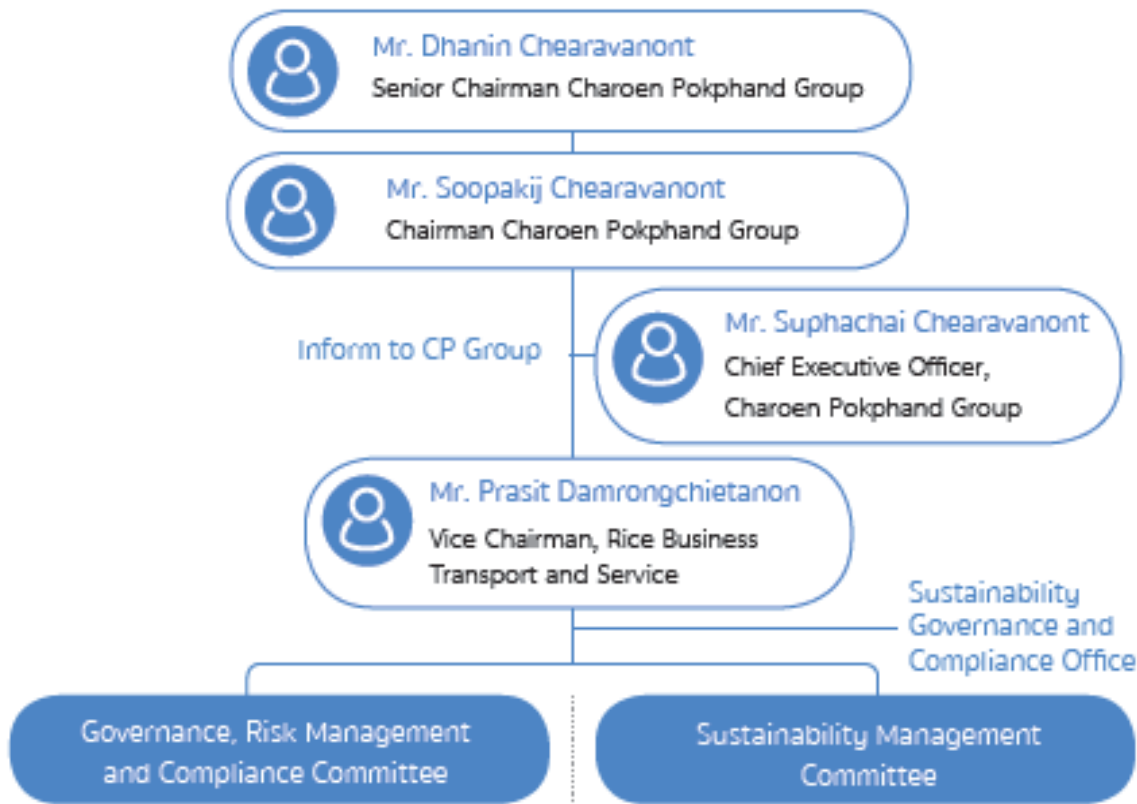
ECOSYSTEM & BIODIVERSITY PROTECTION
800,000 agriculture area of protection and restoration of land ecosystems in the countries where CPI operates passed sustainability standard cover biodiversity issues
Rai



RESPONSIBLE SUPPLY CHAIN MANAGEMENT
100% of high-risk raw materials are traceable and high-risk suppliers audited



SUSTAINABILITY DEVELOPMENT STRUCTURES



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



Stakeholder Inclusive



Balance



Sustainability Context



Clarity



Materiality



Comparability



Completeness



Reliability



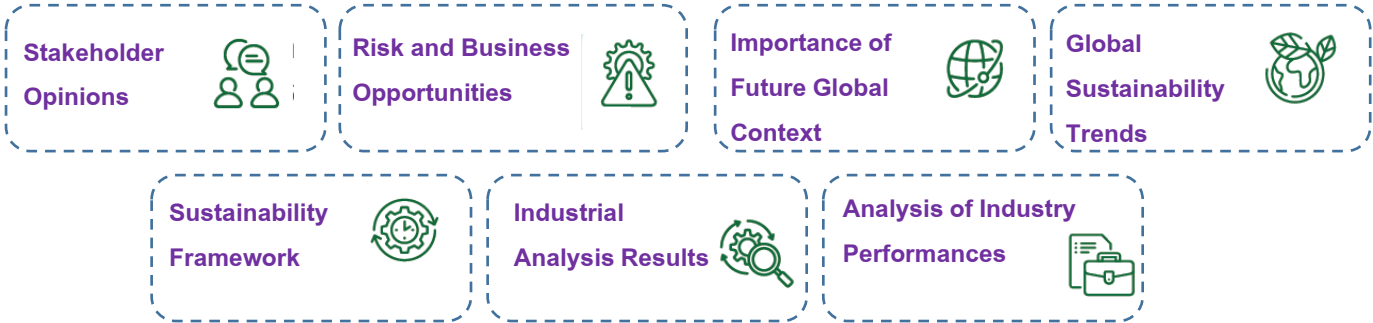
Accuracy







Timeliness

SUSTAINABILITY STRATEGY

INPUT FACTOR



MATERIALITY ASSESSMENT RESULTS

INDUSTRY FOCUSED	INTERNAL FOCUSED	EXTERNAL FOCUSED	FUTURE FOCUSED
 <p>The assessment of key material issues based on factors relating to the Group and other companies in the same core industry.</p>	 <p>The assessment of key material issues based on fundamental factors relating to the Group’s internal operations.</p>	 <p>The assessment of key material issues based on issues that are of interest to external stakeholders.</p>	 <p>The assessment of key material issues based on issues that are of interest to leading organizations in the industry relating to the Group, and investor’s perspectives.</p>

MATERIALITY ASSESSMENT RESULTS

The content and quality of this report has been determined by considering C.P. Intertrade’s operations as a foundation as well as the material issues impacting the economy, society, and environment, from the perspective of both internal and external stakeholders. Through this process, C.P. Intertrade is able to communicate to its stakeholders on its commitments and performance, in line with the strategic sustainability framework. Furthermore, C.P. Intertrade has adopted the Global Reporting Initiative (GRI) Sustainability Reporting Standards in accordance with ‘Core’ option as the framework for report preparation. Both internal and external factors relevant to the Group’s operations have been considered for inclusion in the materiality assessment. In conducting the assessment, the business carries out various processes and steps in accordance with the 10 GRI Standards’ principles for defining report content, which consist of Stakeholder Inclusiveness, Sustainability Context, Materiality, and Completeness; and for defining report quality, which consists of Accuracy, Balance, Clarity, Comparability, Reliability, and Timeliness. The key processes and stages of the materiality assessment are discussed below.



IDENTIFICATION OF MATERIAL ISSUES FOR CPI AND OUR STAKEHOLDERS

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:

- The key issues from the sustainability workshop in 2022 jointly between the executives. Including gathering information from partners for consideration, Then there is a review every year
- The results of the 2022 review of significant issues of the C.P. group and business groups are the information for the preparation of this report.
- Comparing the sustainability issues of companies in industries related to C.P. Intertrade and companies in the Rice Business Transportation and Service, including the Sustainable Development Goals (SDGs), the United Nations Global Compact , World Business Council for Sustainable Development (WBCSD), Dow Jones Sustainability Index (DJSI).
- Identify stakeholder groups from partner survey data. Group of stakeholders of the Group and information on groups of stakeholders from the Social Responsibility Standards (CSR) into 14 groups.
- Gather important issues of the companies in the group with sustainability reports and set up a forum to hear opinions with additional stakeholders from the survey questionnaire.



PRIORITIZATION

- Sustainability Management Committee meeting to consider information on important sustainability issues classified by stakeholder group which is the data from the survey results and important issues of the Group.
- Employee representative survey Group management team and online stakeholder representatives
- 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:
 - Set the weight of the business group.
 - Determine the weights for each stakeholder group.
 - Calculate the importance score to stakeholders.
 - Calculate Business Critical Score.
 - Create a Materiality Matrix.



VALIDATION AND CREDIBILITY

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.
- Assuring the accuracy and completeness of our sustainability reporting process by an independent third party.



CONTINUOUS IMPROVEMENT

C.P. Intertrade and companies in the Rice Business Transportation and Service 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.

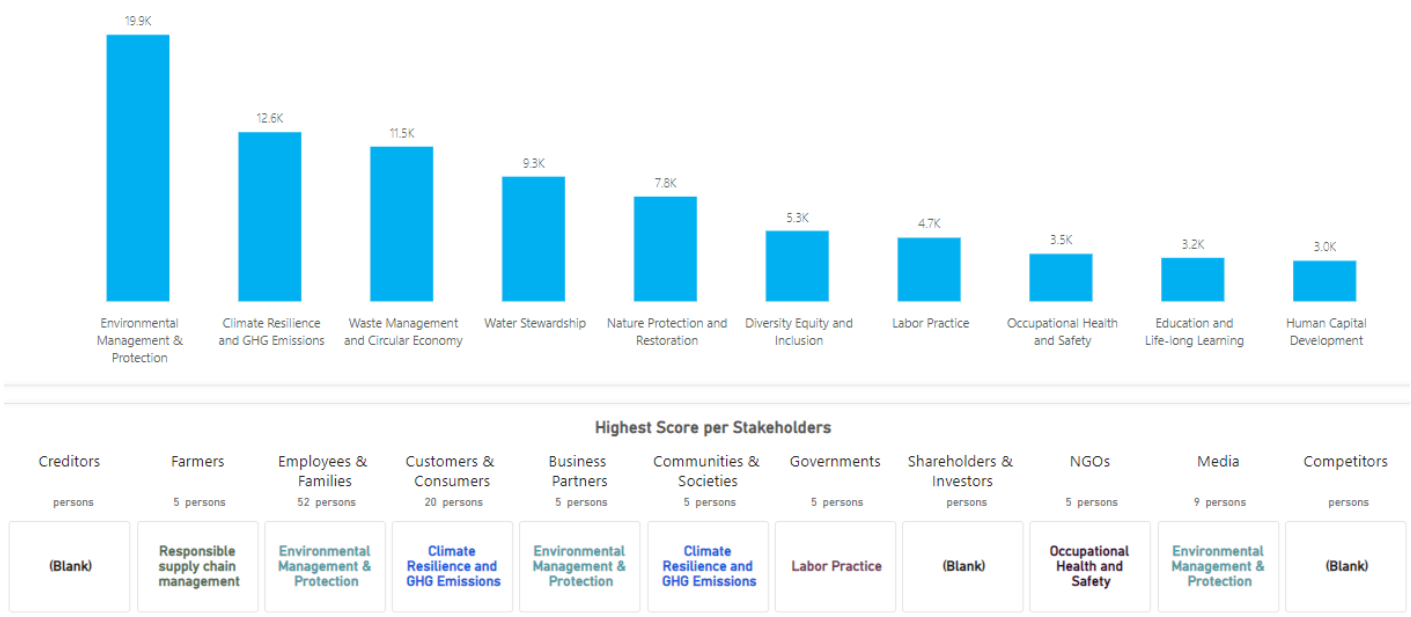
SCOPE OF MATERIALITY ASSESSMENT

DIMENSION	MATERIALITY ASSESSMENT	GRI Standard	SCOPE										
			WITHIN THE ORGANIZATION	OUTSIDE THE ORGANIZATION									
			Employee	Consumer/Customer	Community and society	Partner	Shareholder /Investor	Mass Media/Online media	Government Auditor	Supplier	Competitors	Non-profit organization	Creditors and banks
HEART	CORPORATE GOVERNANCE	102-11, 102-12, 102-13, 102-18, 102-22, 102-24, 102-30, 102-35, 102-38, 103-1, 103-2, 103-3, 205-1, 205-2, 205-3, 406-1	✓			✓	✓			✓	✓		✓
	HUMAN RIGHTS & LABOR PRACTICES	102-41, 103-1, 103-2, 103-3, 401-2, 403-1, 403-2, 403-3, 403-4, 403-5, 403-6, 403-7, 403-9, 403-10, 405-1, 405-2, 412-1	✓	✓	✓	✓							
	EDUCATION & INEQUALITY REDUCTION	103-1, 103-2, 103-3, 203-2	✓		✓				✓				
	LEADERSHIP & HUMAN CAPITAL DEVELOPMENT	103-1, 103-2, 103-3, 401-1, 404-1, 404-2, 404-3	✓			✓				✓			
	CYBER SECURITY & DATA PROTECTION	102-19, 102-20, 103-1, 103-2, 103-3, 418-1	✓	✓				✓					
HEALTH	HEALTH & WELL-BEING	103-1, 103-2, 103-3, 417-1	✓	✓									
	SOCIAL IMPACT AND ECONOMIC CONTRIBUTION	103-1, 103-2, 103-3, 201-1, 413-1	✓		✓	✓			✓			✓	
	OCCUPATIONAL HEALTH & SAFETY	103-1, 103-2, 103-3, 403-9, 403-10	✓	✓	✓								
	INNOVATION MANAGEMENT	103-1, 103-2, 103-3	✓	✓	✓	✓			✓	✓			
	STAKEHOLDER ENGAGEMENT	103-1, 103-2, 103-3, 102-40, 102-41, 102-42, 102-43, 102-44	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HOME	CLIMATE RESILIENCE	103-1, 103-2, 103-3, 302-1, 302-3, 302-4, 305-1, 305-2, 305-4	✓			✓			✓	✓			
	CIRCULAR ECONOMY	103-1, 103-2, 103-3, 306-1, 306-2, 306-3, 306-4, 306-5	✓	✓	✓	✓			✓	✓			
	WATER STEWARDSHIP	103-1, 103-2, 103-3, 303-1, 303-2, 303-3, 303-4 ,303-5	✓		✓								
	ECOSYSTEM & BIODIVERSITY PROTECTION	103-1, 103-2, 103-3, 304-1, 304-2	✓		✓	✓				✓			
	RESPONSIBLE SUPPLY CHAIN MANAGEMENT	103-1, 103-2, 103-3, 204-1, 308-1, 414-1	✓	✓		✓				✓			

SCOPE OF MATERIALITY ASSESSMENT

MATERIAL TOPIC STAKEHOLDERS IMPACT

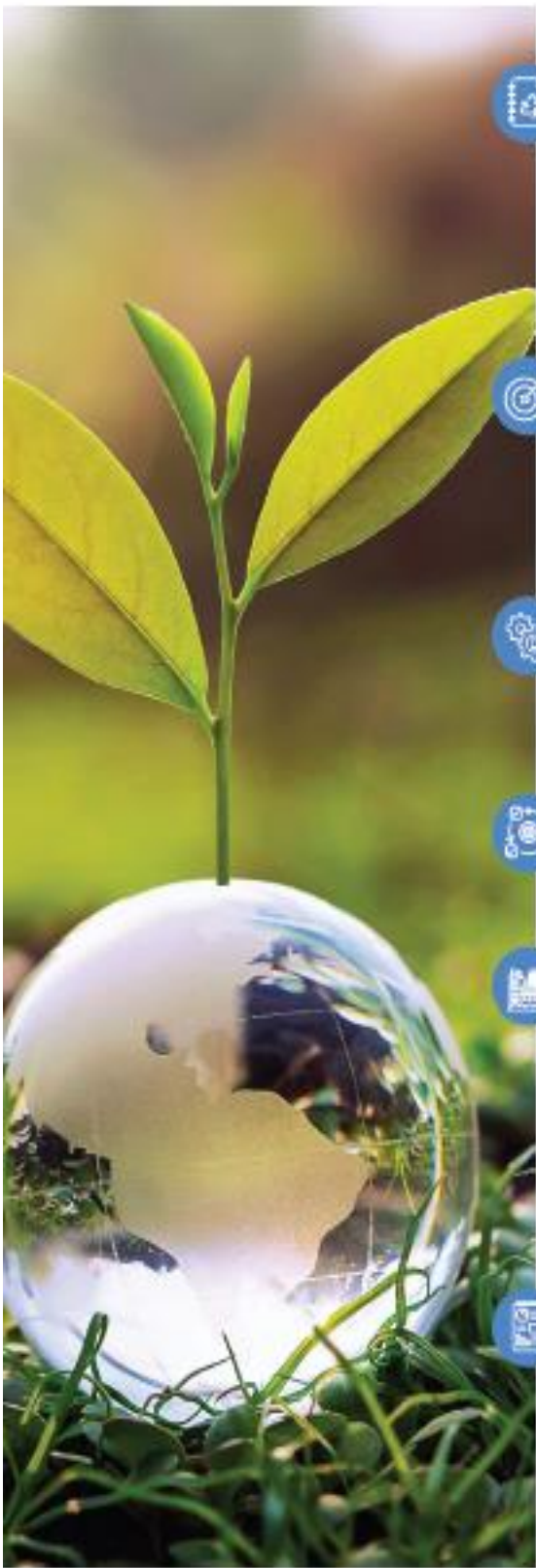
Top 10 Material Topics and Impact Ranking by Stakeholders



SUSTAINABILITY GOALS AND STAKEHOLDERS IMPACT

Top 10 Sustainability Goals and Impact Ranking by Stakeholders





SUSTAINABILITY REPORTING

C.P. Intertrade Co., Ltd. and companies in the Rice Business Transport and Service , C.P. Group has published our Sustainability Report for the Third Sustainability Report 2022 which was published in Nov 2023. The Sustainability Report will be published annually.

OBJECTIVE OF THIS REPORT

The objective of this report is to communicate the C.P. Intertrade Co., Ltd. and companies in the Rice Business Transport and Service , C.P. Group’s commitments to driving our business toward economic, social and environmental sustainability.

REPORTING SCOPE

This report discloses overall performances of our 8 Business Lines domestically and internationally, from 1st January to 31st December 2022.

REPORTING FRAMEWORK

This report has been prepared in accordance with the GRI Standards: Core option.

THIRD-PARTY ASSURANCE

Accuracy and completeness of our data in this Sustainability Report was verified by LRQA (THAILAND) LIMITED ., a reliable and internationally recognized independent assurer. Data validated include GRI 101, GRI 102, GRI 102-16, GRI 102-17, GRI302-1, GRI303-3, GRI 305-1, GRI 305-2, GRI 306-3, GRI 306-4, GRI 306-5, GRI 403-9 and GRI 403-10

COMMUNICATION ON PROGRESS (COP)

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



UN SUSTAINABLE

Development Goals (SDGs) The C.P. Intertrade Co., Ltd. and companies in the Rice Business Transport and Service, C.P. Group is committed to consistently operating our business in accordance with the 17 Sustainable Development Goals (SDGs).



REPORTING BOUNDARY

Human resources data cover 100% of The C.P. Intertrade Co., Ltd. And companies in the Rice Business Transport and Service, C.P. Group Data on energy, water, waste, air quality, and occupational health and safety cover 8 operation across all business line under C.P. Intertrade Co., Ltd. and companies in the Rice Business Transport and Service, C.P. Group.



CONTACT US

For more information of this Sustainability Report, Please Contact:



Sustainability Governance and Compliance Office,
Fortune Town , 23th floor. 1, Ratchadapisek Road,
Din Daeng, Bangkok 10400



Tel : +66 (0) 2764 7000



E-mail : vos.cpi@cptg.co.th



Website :<https://sgc.cptg.co.th>



HEART *LIVING RIGHT*

Corporate governance is an important foundation for achieving sustainable growth in a business. C.P. Intertrade Co., Ltd. and companies in the Rice Business Transportation and Service, 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 in the 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 CP Intertrade Co., Ltd. and companies in the Rice Business Transportation and Service C.P. Group. consisted of,



CORPORATE GOVERNANCE



HUMAN RIGHTS & LABOR PRACTICES



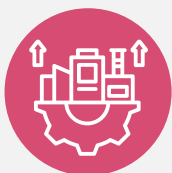
EDUCATION & INEQUALITY REDUCTION



LEADERSHIP & HUMAN CAPITAL DEVELOPMENT



CYBER SECURITY & DATA PROTECTION



CORPORATE GOVERNANCE

(GRI 102-12, 102-13, 102-16, 102-17, 102-18, 102-19, 103-1, 103-2, 103-3, 205-2, 205-3)

SUPPORTING THE SDGs

SDG 12
Responsible Consumption and Production

12.6 Encourage companies to adopt sustainable practices and to integrate sustainability information into their reporting cycle.

SDG 16
Peace, Justice, and Strong Institutions

- 16.5 Substantially reduce corruption and bribery in all their forms.
- 16.7 Ensure responsive, inclusive, participatory, and representative decision-making at all levels.
- 16.B Promote and enforce non-discriminatory laws and policies for sustainable development

OPPORTUNITIES AND CHALLENGES

The company believes that good corporate governance It is an important factor 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.

2030 GOALS

businesses implement a corporate governance impact scoring assessment

100%

KEY OPERATING RESULTS IN 2022



CORPORATE GOVERNANCE

100 % of businesses implement a corporate governance impact scoring assessment.



CORPORATE GOVERNANCE POLICY

There is an announcement system and monitor compliance with the policy.



RISK MANAGEMENT

There is a ERM and E&C Risk system .



COMPLIANCE

Follow up and report results and take disciplinary action against rules violations.



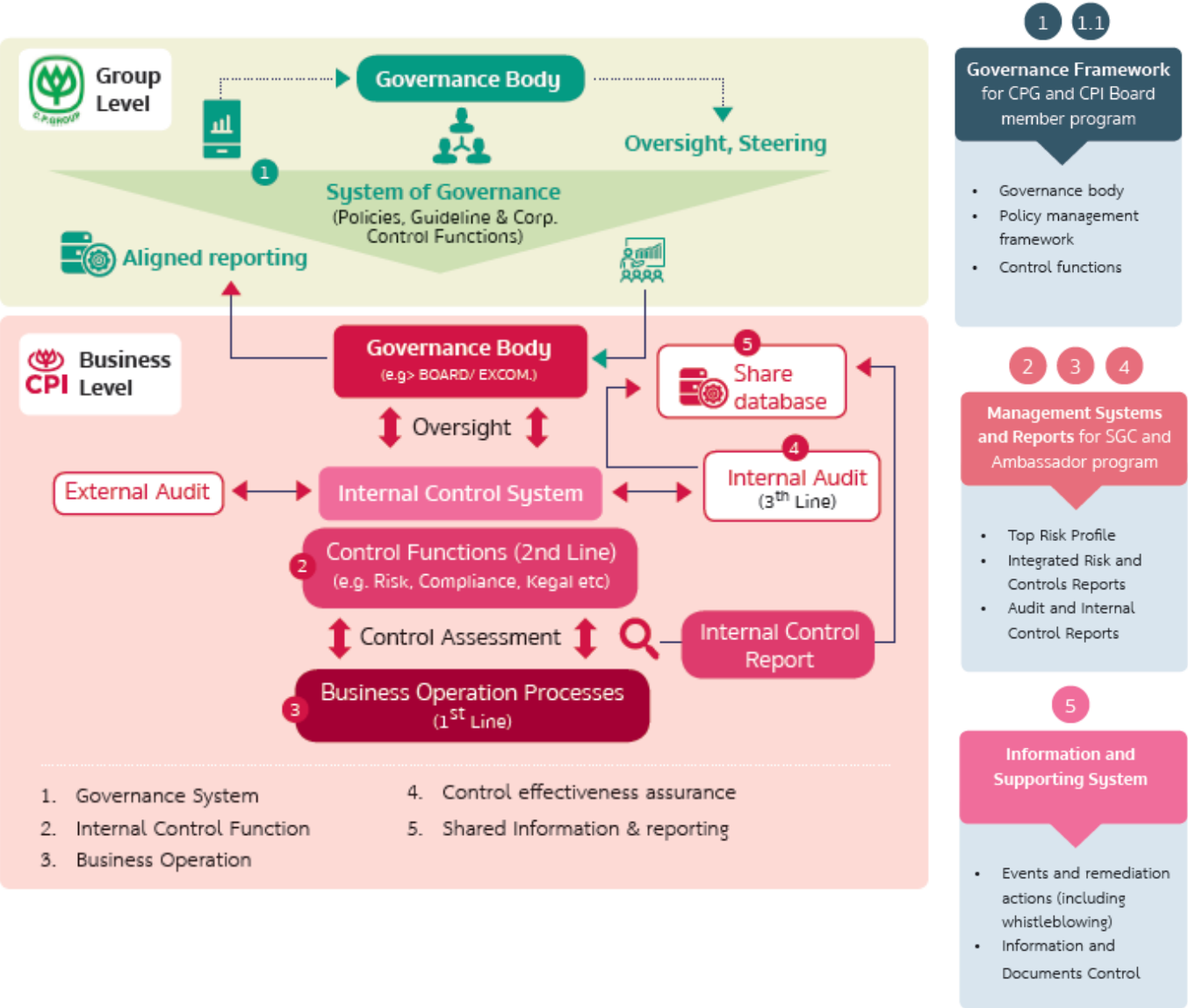
GRIEVANCES AND WHISTLEBLOWING

There is a process for receiving complaints and Whistle-blowing of the business group.

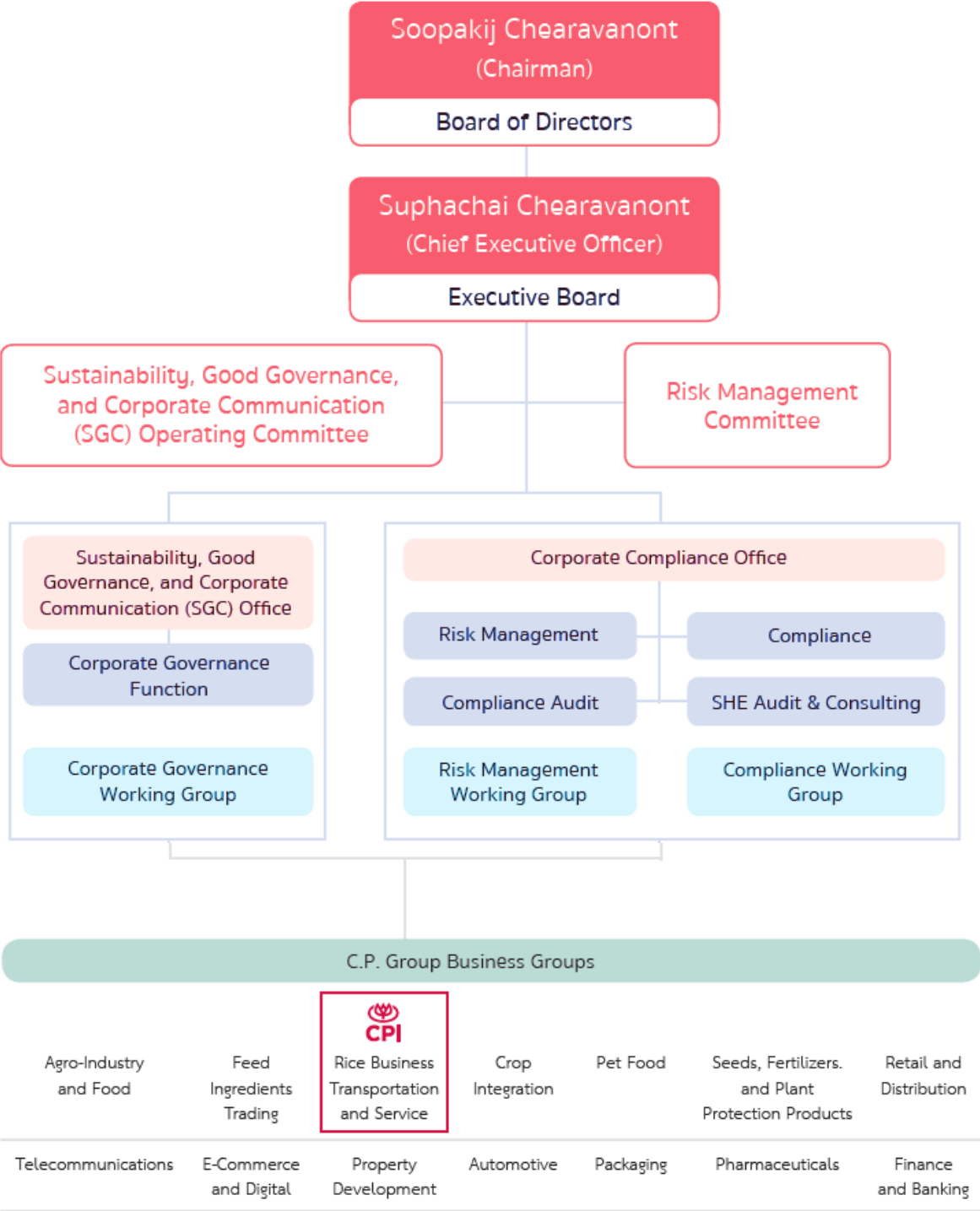
MANAGEMENT APPROACH

Our business 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.

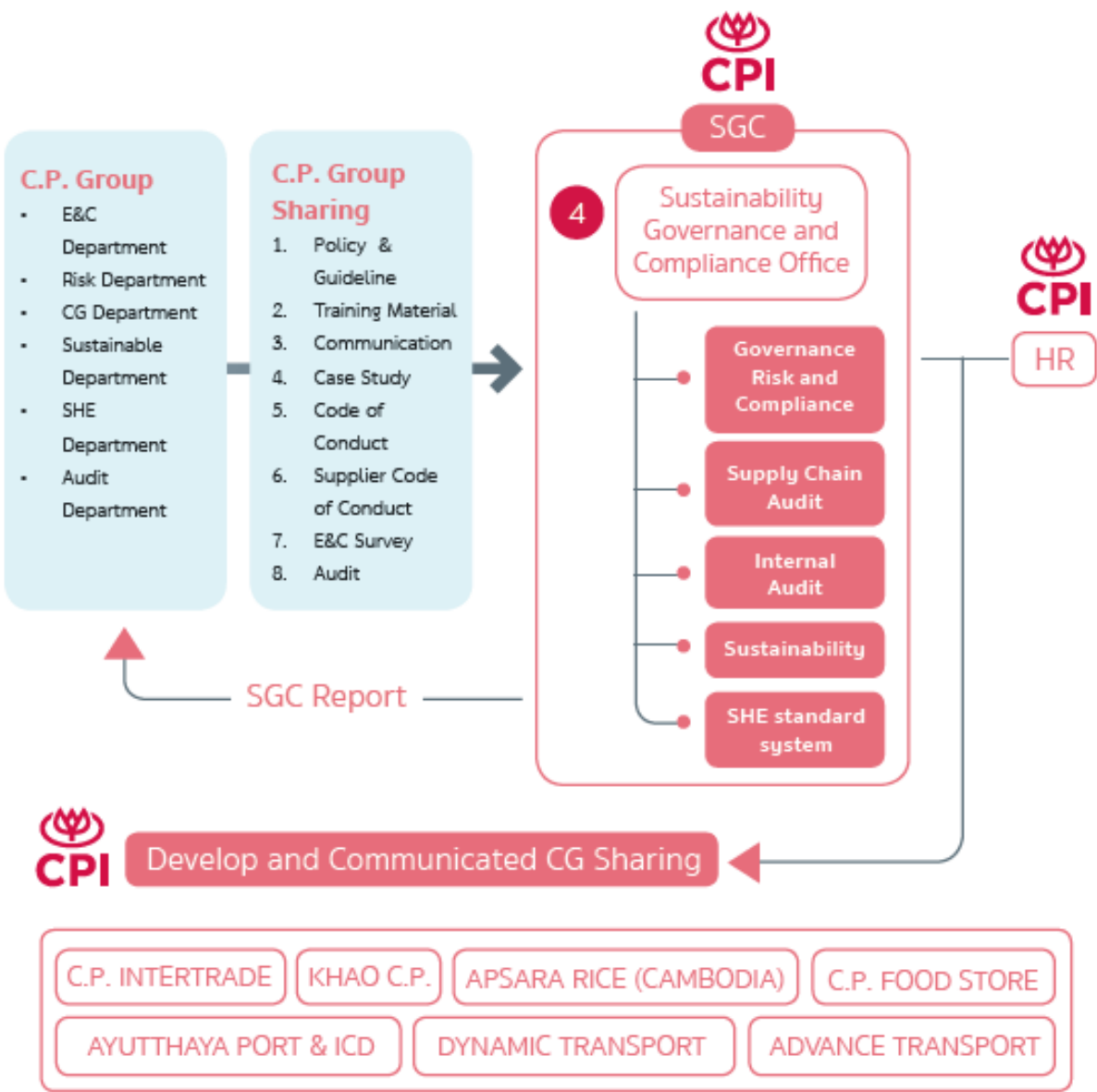


STEERING COMMITTEE LEVEL



CORPORATE GOVERNANCE PROCESS

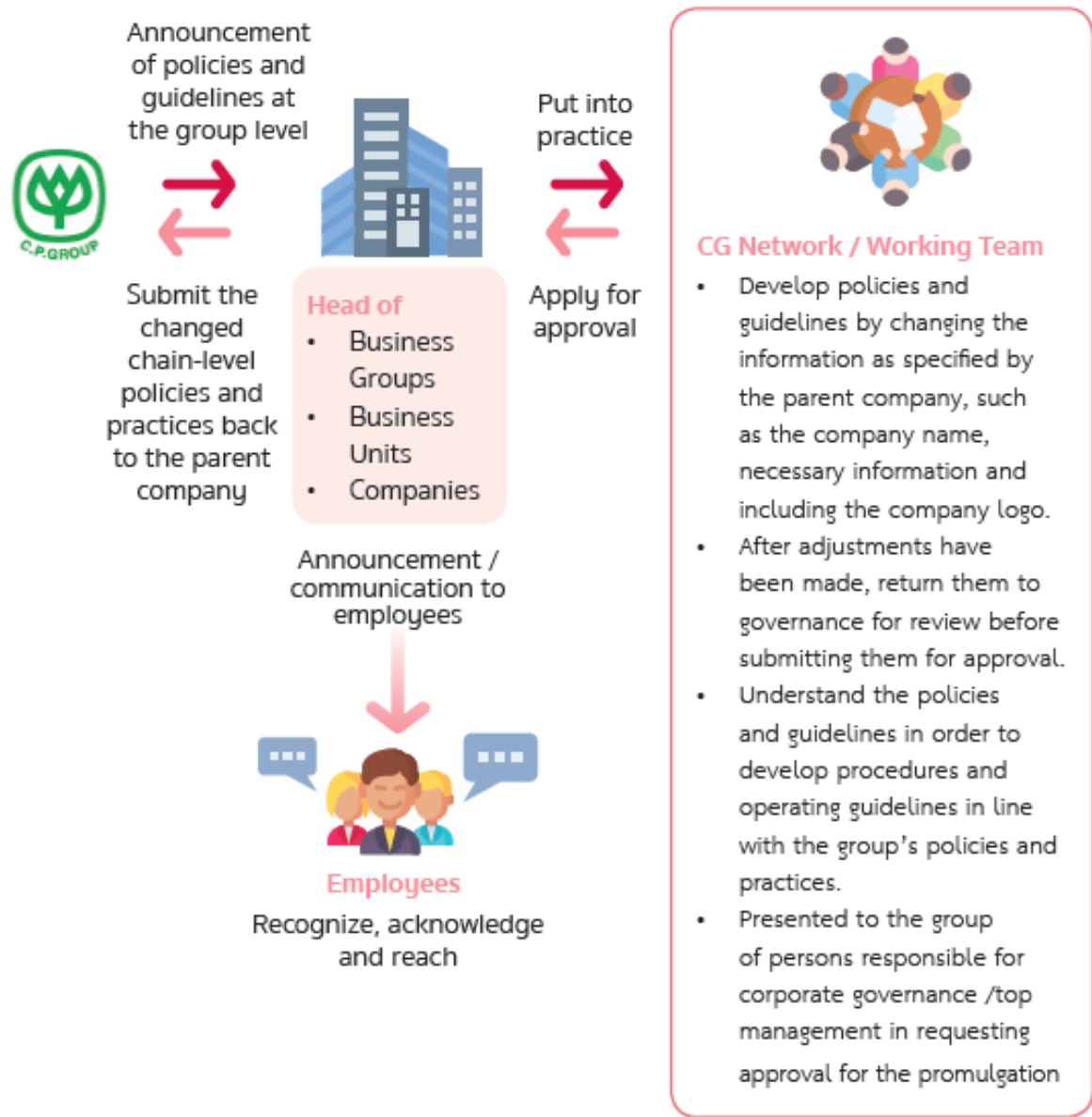
Between Charoen Pokphand Group And Rice Business Transport And Service



CPI POLICY DEPLOYMENT AND COMMUNICATION

MANAGEMENT APPROACH

In order for the Groups’ business operations to be sustainably in line with corporate governance and ethical standards, Rice Business Transportation and Service places great emphasis on building a corporate culture of ethics and compliance. In this respect, various types of activities have been organized to reach out to and create engagement with employees across the Group



C.P. Intertrade Co., Ltd. and companies in the Rice Business Transportation and Service C.P. Group recognizes that a corporate culture with good corporate governance helps create a clear understanding of employees. This enables employees to apply their vision, values, and business ethics. Including the policy to practice in daily work to be in accordance with the standards by allowing all employees to learn and test business ethics which consists of 4 categories; Moral, Quality], Personnel and Asset.

CPI POLICY DEPLOYMENT AND COMMUNICATION

Risk management is a mission that all departments imperative that action is taken to ensure that business operations are operating in the most desirable way. Risk management is very important and necessary. To prevent and control various risks that may arise from uncertain situations this will affect the success of the organization.

IMPORTANT TO BUSINESS

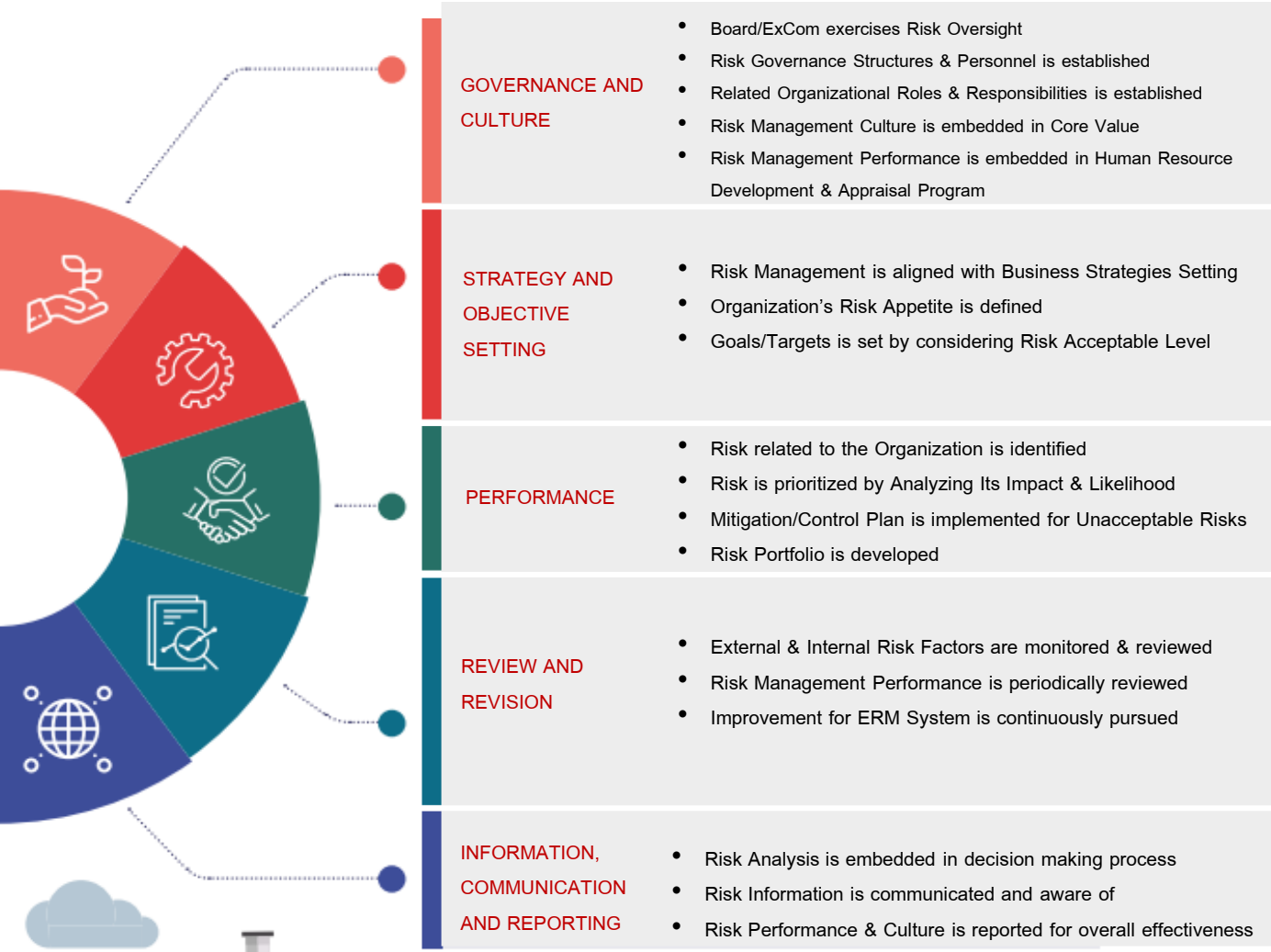
- Overall risks in of the Risk business Transportation and Service, the risk management framework is implemented using ERM (Enterprise Risk Management) principles. A working group has been set up to think, analyze and forecast events or risks that may arise including specifying guidelines for managing such risks to an appropriate or acceptable level to help the organization achieve the desired objectives according to the vision and the mission of the organization.

IMPORTANT TO THE SUSTAINABILITY OF THE ORGANIZATION

- Overall risk of rice business transportation and service, the organization's key stakeholder groups are farmers. which is the source of the business. Therefore, strategies for creating jobs and promoting income for farmers have been formulated. Friends create a better quality of life for 100,000 households by 2030 and promote green farming to lead to the goal of Net zero carbon emissions leading to sustainability for society and the organization in the long time.

RISK MANAGEMENT OPERATION STATUS PERFORMANCE

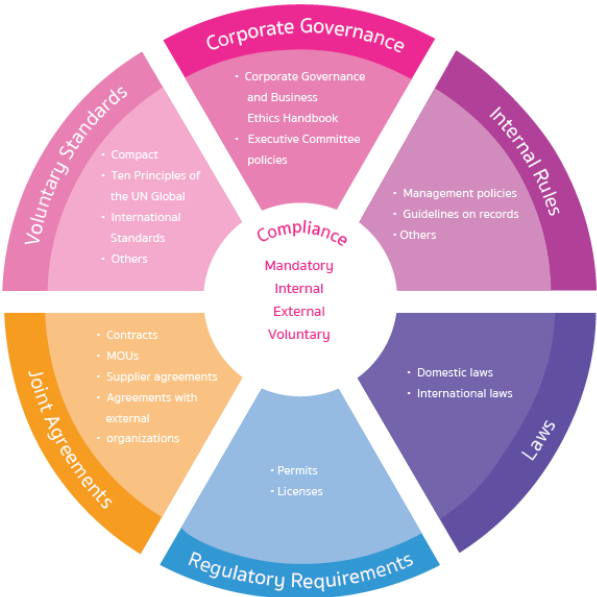
INDICATORS ACCORDING TO THE STANDARD RISK MANAGEMENT SYSTEM C.P. GROUP



COMPLIANCE GOVERNANCE

MANAGEMENT APPROACH

Today's changes are happening rapidly. in terms of society, economy, technology, environment and consumer behavior As a result, CP Intertrade Co., Ltd. and companies in the Rice Business Transportation and Service need to adjust the way of doing business In order to create opportunities and expand the business to grow in accordance with such changes appropriately, the Company is committed to effectively implementing the framework of policies and guidelines set forth. This is done according to the group. by assessing the organization according to the framework of the UN Global Compact via online channels In addition, the company has established a Compliance Audit unit to carry out cross-functional audits. Charoen Pokphand Group organizes training for executive level which is a demonstration of raising awareness in compliance with rules in various fields such as human rights labor practice climate change and anti-corruption Including the code of conduct in conducting business with integrity and transparency.



C.P. Intertrade Co., Ltd. has set a goal of regulatory compliance that will drive the company to be managed. Manage and operate business according to Charoen Pokphand Group policy. Comply with laws, regulations, rules both inside and outside the organization. including the Group's business ethics internal rules Conditions for business licenses, contracts, standards and best practices which the Group agrees to comply with (collectively referred to as 'Rules') which will result in the Company achieve the goals set Earn the trust and trust of various stakeholders There is a guideline to follow the policy that all directors, executives, employees and all relevant persons of the Group. must be strictly adhered.

Personal Data Protection Act (PDPA)

To ensure compliance with the rules of CP Intertrade Co., Ltd. and companies in the Rice business Transportation and service, It is recognized and trusted by stakeholders in the world. Regulatory Compliance of Charoen Pokphand Group by applying an internationally accepted approach.



Develop a **training and communication program** based on data from the Ethical and Compliance Risk Assessment and the Employee Compliance Survey.



HR Due care and enforcement Integrating ethical or regulatory violations with performance appraisals or promotions in the Group-wide Personnel Management Manual.



Prepare **online Compliance Maturity Self Assessment** to enable business groups to self-assess and effectively improve relevant processes.



Report major non-compliance and present the results to the Group's Executive Board.

ANTI-CORRUPTION

Rice, transportation and service business Charoen Pokphand Group join in showing your strength and declaring your position. “Leaders...and suppressing corruption” on National Anti-Corruption Day 2022 at Bang Sue Central Station

Executives and employees from the rice business Transport and services Become part of the Charoen Pokphand Group Participated in demonstrating their strength and declaring their stand against corruption in all forms. On the occasion of the National Anti-Corruption Day 2022 under the concept of "Leadership...and Anti-Cheat", organized by the Anti-Corruption Organization (Thailand) or ACT. which is an activity that is held continuously every year This year was organized with Assoc. Prof. Dr. Chatchart Sittipunt, Governor of Bangkok, and Dr. Mana Nimitmongkol, Secretary-General of the ACT participating in such activities.

To encourage all sectors of society to be alert and reject all forms of cheating through giving leadership roles as a prime example in combating cheating. By joining forces with network partners from the public, private sectors, civil society and educational institutions that have combined power to express their stance in this activity. As the private sector, we must work together to combat negative actions as well as instilling good values and consciousness in the organization which is consistent with the values of 3 benefits of the C.P. Group It is important to create benefits for society and the nation.

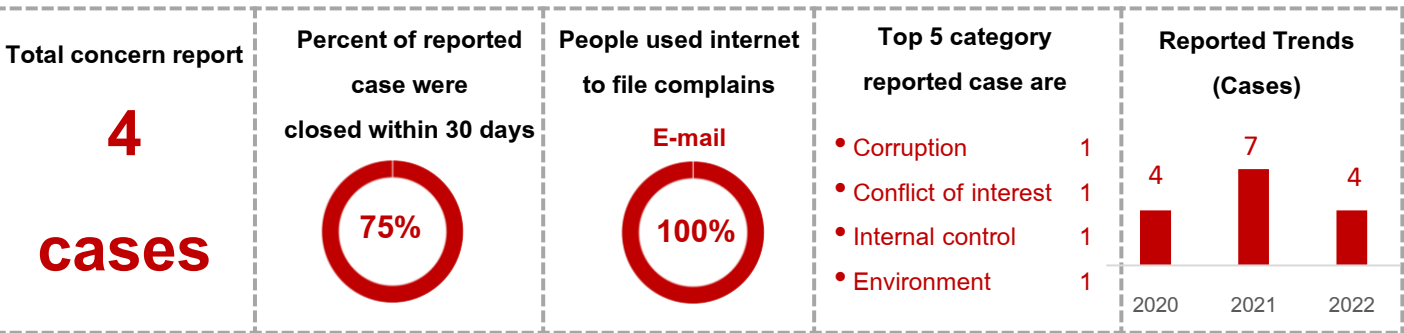


GRIEVANCES AND WHISTLEBLOWING

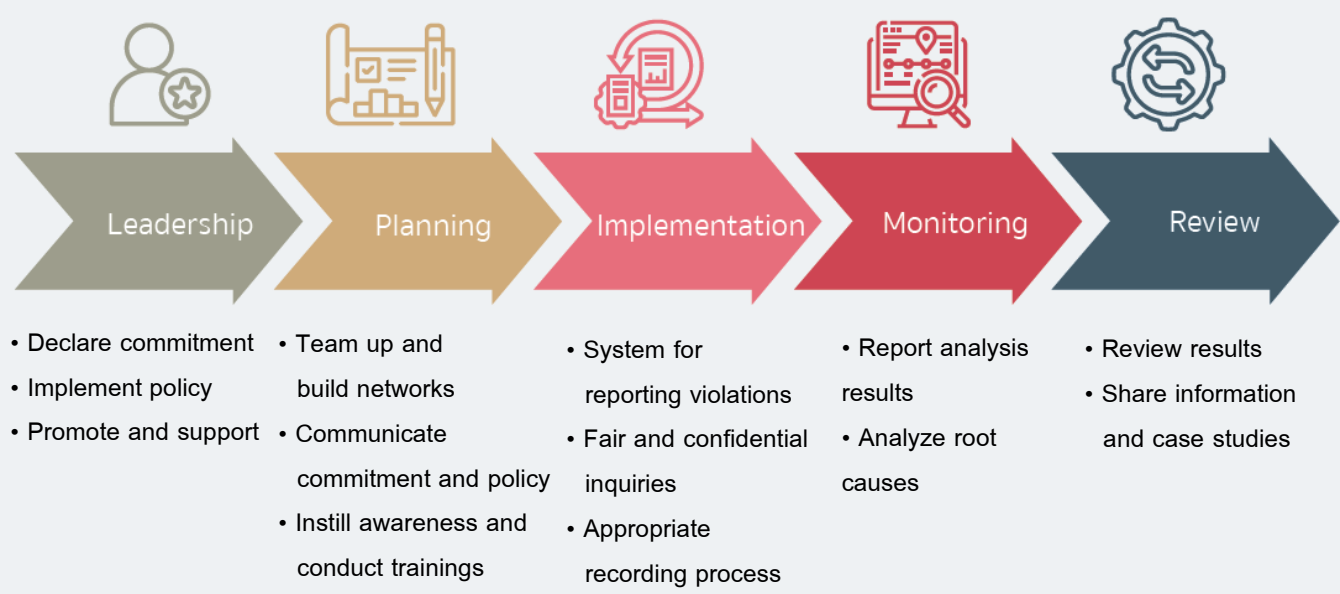
CP Intertrade Co., Ltd. and companies in the Rice business Transportation and service recognize the importance of providing effective whistleblowing and complaint channels. To listen to opinions, suggestions or complaints from all groups of stakeholders, including personnel of the business group such as executives, employees at all levels and third parties such as business partners, business partners that are affected or are at risk of being affected by the business operations of the Business Group or from illegal actions or the Code of Business Conduct including behaviors that are corruption, including the wrongful performance of the personnel of the business group and to prevent risks and damages that may occur to stakeholders as well as a tool for surveillance track business And it is a database for improving the management and service of the business group. to be more concise and efficiency

The Company therefore establishes a whistleblower channel and complaint handling process that is clear, honest, transparent and in accordance with international standards. Therefore, it has issued policies and guidelines regarding whistleblowing and complaint handling. The details are as follows

CPI WHISTLE BLOWING DASHBOARD



WHISTLE-BLOWING MANAGEMENT SYSTEM



GRIEVANCES AND WHISTLEBLOWING

Concerning illegal business ethics violations and inappropriate actions of executives and employees in the organization



CP CROP





CPI & CPTG



 Sustainability Governance and Compliance Office, Fortune Town ,
23th floor. 1, Ratchadapisek Road, Din Daeng, Bangkok 10400

 [https://sgc.cptg.co.th/ Whistleblowing](https://sgc.cptg.co.th/Whistleblowing)

 CP CROP : vos.cpp@cptg.co.th
CPI & CPTG : vos.cpi@cptg.co.th

 +66 (0) 2764 – 7000

Information of complainants or whistleblowers will be kept confidential and protected according to the company's policy.

CORRUPTION RISK ASSESSMENT WORKSHOP 2022

Course workshop “Corruption risk assessment 2022, Wednesday 28 September 2022, organized by good governance. Office of Sustainability Management Charoen Pokphand Group.

Rice business Transport and Services, Risk management and supervisory departments are sent to monitor compliance with regulations. Attend meetings and assess risks and inspect internal control systems. and operating procedures For activities with corruption risks



CASE STUDY

THE WORLD’S MOST ETHICAL COMPANIES IN 2022

In 2022, CP Intertrade Co., Ltd. and companies in the rice business Participated in the Ethisphere Institute's World Ethical Company Awards Performance Contest by submitting business company performance accounted for 75% of all companies in the business as follows:

- C.P. INTERTRADE CO., LTD.
- C.P. FOOD STORE CO., LTD.
- KHAO C.P. CO., LTD.
- AYUTTHAYA PORT & ICD CO., LTD.
- APSARA RICE (CAMBODIA) CO., LTD.

CPI ETHISPHERE ASSESSMENT RESULTS

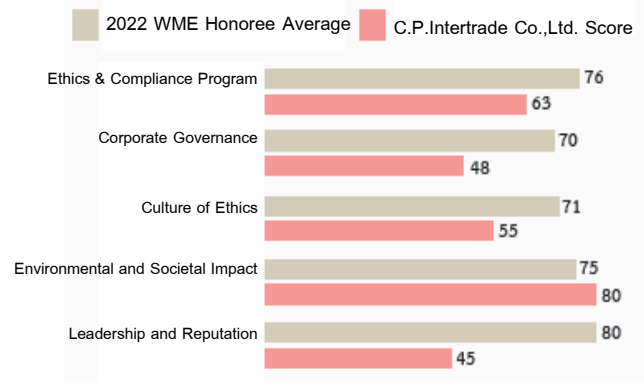
74

Average 2022 Honoree
Overall Ethics Quotient Score

61

C.P.Intertrade Co.,Ltd.
Overall Ethics Quotient Score

C.P.Intertrade Co. | 2022 Ethics Quotient Category Scores





HUMAN RIGHTS AND LABOR PRACTICES

(GRI 103-1, 103-2, 103-3, 406-1, 408-1, 409-1, 411-1, 412-1)

SUPPORTING THE SDGs



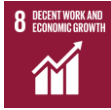
SDG 3
Good Health and Well-Being

3.6 Halve the number of global deaths and injuries from road traffic accidents



SDG 5
Gender Equality

5.1 End all forms of discrimination against all women and girls everywhere



SDG 8
Decent Work and Economic Growth

- 8.5 Achieve full and productive employment and decent work for all women and men, and equal pay for work of equal value
- 8.7 Take immediate and effective measures to eradicate forced labour, end modern slavery and human trafficking and secure the prohibition and elimination of the worst forms of child labour
- 8.8 Protect labour rights and promote safe and secure working environments for all workers, including migrant workers



SDG 10
Reduced Inequalities

- 10.3 Ensure equal opportunity and reduce inequalities of outcome
- 10.7 Facilitate orderly, safe, regular and responsible migration and mobility of people, including through the implementation of planned and well-managed migration policies

OPPORTUNITIES AND CHALLENGES

CP Intertrade Co., Ltd. and companies in the Rice Business Transportation and Service 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 Rice Business Transportation and Service, 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.

2030 GOALS

businesses periodically conduct human rights impact assessment in high risk own operations and tier 1 suppliers

100%

KEY OPERATING RESULTS IN 2022



HUMAN RIGHTS ISSUES ASSESSMENT
100 % of businesses are assessed on issues human rights from the activities of the organization every 3 years.



WOMEN ARE EXECUTIVE
• 37.50% of Senior Executives are Women.
• 53.03% of Middle-level Executives are Women.



DECLARATION OF COMMITMENT TO RESPECT HUMAN RIGHTS
In accordance with the United Nations Guiding Principles on Business and Human Rights.



DISABLED STAFF
1.67% of All Employees with Disabilities.

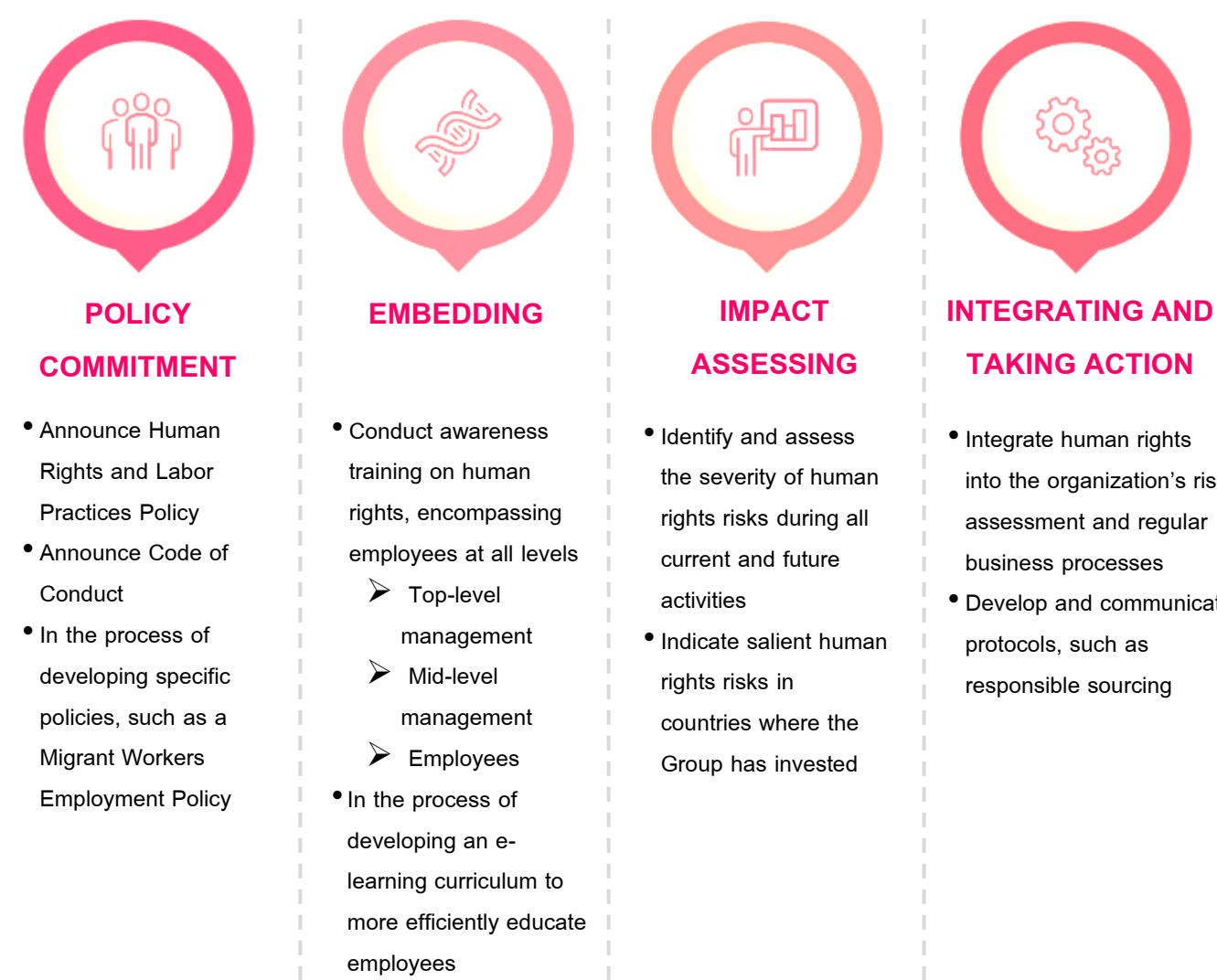
HUMAN RIGHT MANAGEMENT

MANAGEMENT APPROACH

C.P. Intertrade has developed a human rights policy that reflects the organization’s steadfast determination in driving this agenda. The policy is in effect for all of C.P. Intertrade’s business groups. In addition, the Group has developed a Human Rights Due Diligence process that includes conducting a human rights assessment, determining actions and approaches to remedy and reduce risks, and monitoring indicated risks. C.P. Intertrade is also determined to continuously propel other stakeholders to respect and uphold human rights by supporting trainings, practices, and other control measures.

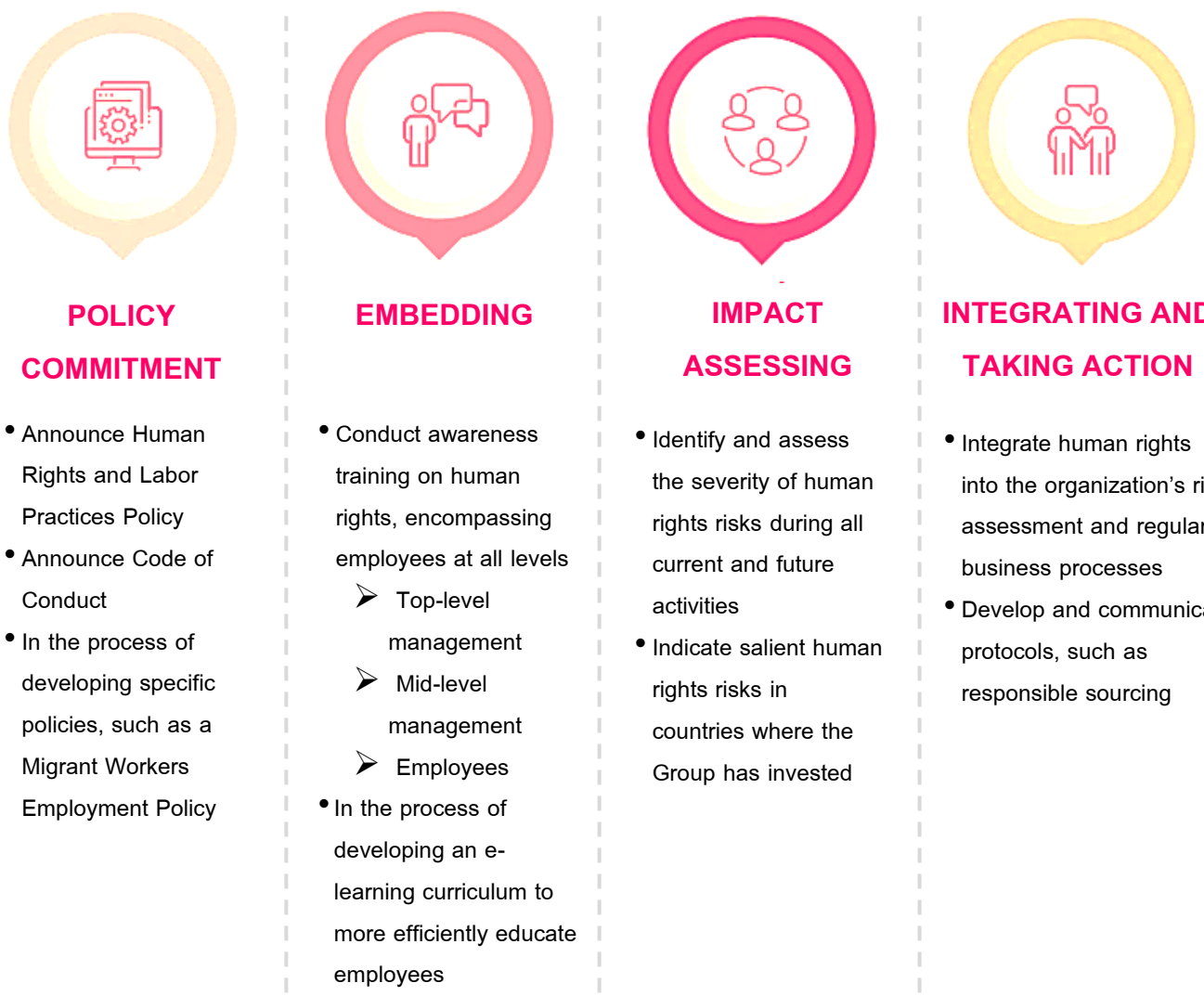
The Human Rights Due Diligence process ensures that all business groups have full responsibility over their human rights risks and impact management, while proactively preventing negative impacts that may occur during recruitment. This is accomplished with clear policies that prohibit and do not support using any form of forced labor, including hiring illegal migrant workers.

COMPREHENSIVE HUMAN RIGHTS REVIEW PROCESS




In addition, the Group prioritizes creating an inclusive working culture for its employees that are diverse in age, gender, culture, and personality, among other characteristics, in order for them to have career advancement opportunities. Concurrently, the Group also strives to create a safe working environment for its employees and all involved parties, with the goal to create an organization that is free from accidents and work-related illnesses by integrating cooperation both inside and outside the organization.

The Group is committed to carrying out Human Rights Due Diligence to encompass all business groups as well as promoting safety and health in the workplace for all employees and contractors.



MEASURES TO HUMAN RIGHTS RISKS MANAGEMENT

OCCUPATIONAL HEALTH AND SAFETY

IMPACTED GROUP	APPROACH	RESULTS	SUPPORTS SDGS
<ul style="list-style-type: none">• Employees• Contractors• Suppliers• Farmers	<ul style="list-style-type: none">• Occupational Health and Safety Policy• Zero Accident Target• Organize trainings for executives and employees of all levels to help them understand the importance of good governance throughout the supply chain.• 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• In 2022 Lost time injury rate<ul style="list-style-type: none">➤ Employees : 1.79 no. per 1,000,000 working hours (7 people)➤ Contractor : 11.74 no. per1,000,000 working hours (4 people)	<div><div>3GOOD HEALTH AND WELL-BEING</div><div>8DECENT WORK AND ECONOMIC GROWTH</div></div>

FORCED LABOR AND FOREIGN WORKERS

IMPACTED GROUP	APPROACH	RESULTS	SUPPORTS SDGS
<ul style="list-style-type: none">• Employees• Contractors• Suppliers• Farmers	<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">• Established operating and governance standards on foreign workers Ethical Recruitment.• There are operations to take care of foreign workers. By becoming an employee of the company 100% and taking care of welfare and well-being better including building knowledge and abilities.	<div><div>8DECENT WORK AND ECONOMIC GROWTH</div><div>10REDUCED INEQUALITIES</div></div>

DISCRIMINATION

IMPACTED GROUP	APPROACH	RESULTS	SUPPORTS SDGS
<ul style="list-style-type: none">Employees	<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 verifyEmployed 15 people with disabilities in the business group<ul style="list-style-type: none">✓ Male 10 people✓ Female 5 people	<div>5 GENDER EQUALITY</div> <div>8 DECENT WORK AND ECONOMIC GROWTH</div>

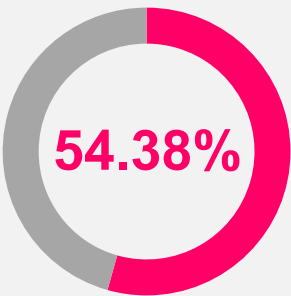
ENVIRONMENTAL IMPACT

IMPACTED GROUP	APPROACH	RESULTS	SUPPORTS SDGS
<ul style="list-style-type: none">Local communities	<ul style="list-style-type: none">Policy and Target on Environmental ManagementEnvironmental PlanRaising awareness And environmental knowledgeSurveys to identify community opinion and concerns	<ul style="list-style-type: none">Performed according to policy and standardsDeveloped action plans to respond to community concernsNo environment-related grievances reported	<div>8 DECENT WORK AND ECONOMIC GROWTH</div>

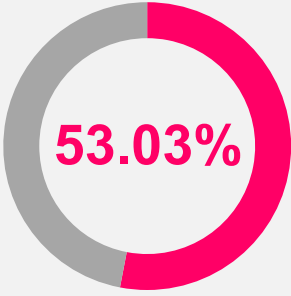


HUMAN RESOURCES MANAGEMENT DASHBOARD

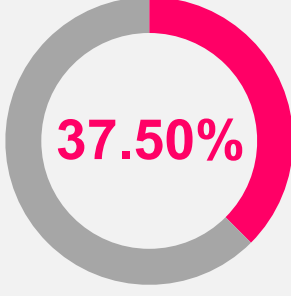
EMPOWERING FEMALE EMPLOYEES 2022



The proportion of female employees at the level
All Executives

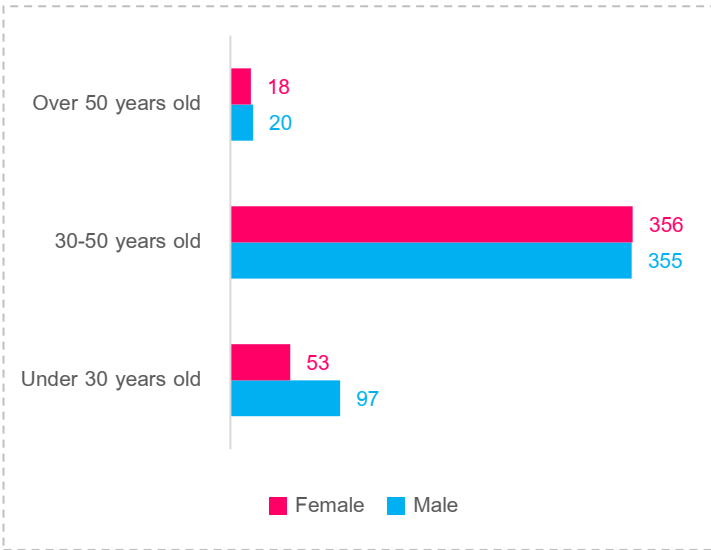
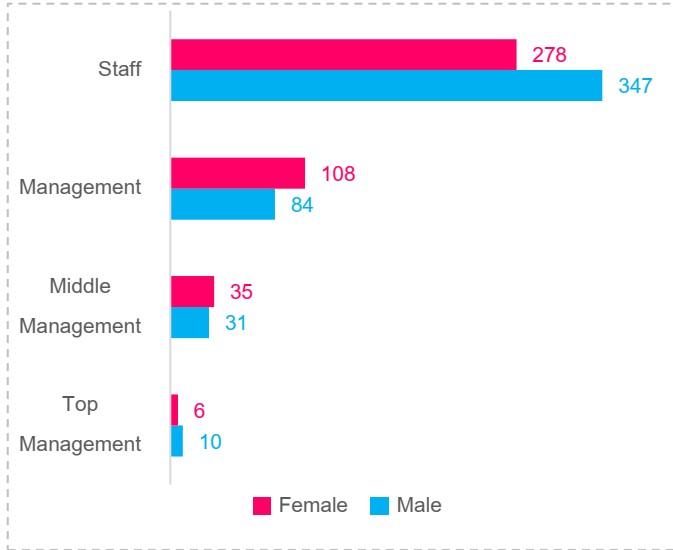


The proportion of female employees at the level
Middle Management

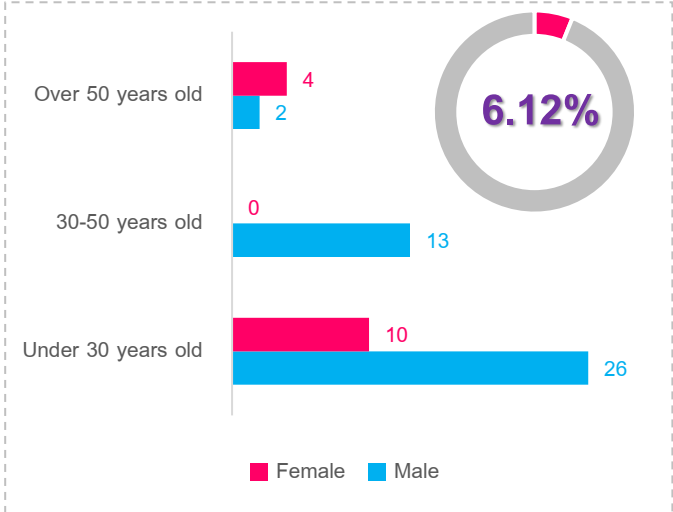


The proportion of female employees at the level
Senior Management

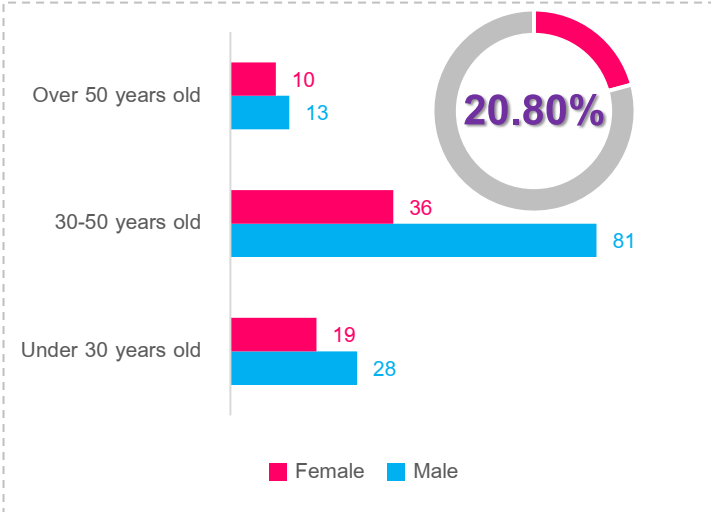
DIVERSITY OF EMPLOYEES



NEW HIRES : 55 PEOPLE



EMPLOYEE TURNOVER: 187 PEOPLE



CARING FOR EMPLOYEES

“Personnel” is an important factor in driving the business. CP Intertrade Co., Ltd. and companies in the Rice Business Transportation and Service , 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.

1. Building a working society	<ul style="list-style-type: none">• Attention to ability and Assign valuable and challenging tasks.• Make people in the CPI understand their roles, treat colleagues with respect understand the difference Respect and build good relationships with each other in the team.• Support for the creation of interest-based clubs to create good relationship• Encourage people in CPI to be considerate, caring, and caring each other both at work and outside of work, including sharing knowledge, experience, etc. to those who need it. appropriately, creating a feeling of belonging to one family.
2. Mind and soul care	<ul style="list-style-type: none">• Promote morality in the mind.• Promote a mindfulness.• Promote Gratitude.
3. Building stability in life	<ul style="list-style-type: none">• Encourage employees to have good physical and mental health• Encourage employees to use “Rationality, Moderation, Immunity, use of knowledge Virtue couple” to create stability in life and family.• Extending the way of building security in life to the family and community of people in the CPI.

PROMOTING EQUAL OPPORTUNITIES, INDIVIDUAL DIVERSITY AND WELL-BEING

CP Intertrade Co., Ltd. and companies in the Rice Business Transportation and Service, 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.
- 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.

DECLARATION OF HONOR ORGANIZATIONS THAT SUPPORT WORK FOR PEOPLE WITH DISABILITIES

Rice business, transportation and services Receive a plaque of honor Organizations that support work for people with disabilities Within the International Disability Fair 2022.

📍 Ratthaprasatpakdee Building Chaloem Phrakiat Government Center, Lak Si District, Bangkok. The Ministry of Social Development and Human Security (Ministry of Social Development and Human Security) presents plaques of honor to model disabled people and agencies and organizations that support disabled people's work for the year 2022. Plaque of honor as an organization that supports the work of people with disabilities. Award level "Good" with 3 companies participating in receiving the plaque as follows:

- ☑ C.P. INTERTRADE CO., LTD.
- ☑ KHAO C.P. CO., LTD.
- ☑ DYNAMIC TRANSPORT CO., LTD.

There were executives and organization representatives from 3 departments accepting awards such as:

- ❖ Miss Tatcha Puangphonsri
Senior Deputy Managing Director
Human Resources Office.
- ❖ Mr.Nipon Muirueangsri
Deputy Managing Director Corporate
Communications Office.
- ❖ Miss Ning Kraiweeradechachai
General Manager Human Resources
Office

Rice business, transportation and services has hired 15 people with disabilities, with a commitment to cooperate with various agencies to promote and create opportunities for people with disabilities. Able to live life based on human dignity and promote equality, fairness, thoroughness and equality in society.





EDUCATION & INEQUALITY REDUCTION

(GRI 103-1, 103-2, 103-3, 201-1, 413-1)

SUPPORTING THE SDGs

OPPORTUNITIES AND CHALLENGES



SDG 4

Quality Education

- 4.5 Eliminate gender disparities in education
- 4.B Substantially expand globally the number of scholarships available to developing countries



SDG 8

Decent Work and Economic Growth

- 8.6 Substantially reduce the proportion of youth not in employment, education or training



SDG 9

Industry, Innovation and Infrastructure

- 9.C Significantly increase access to information and communications technology

CP Intertrade Co., Ltd. and companies in the Rice Business Transportation and Service 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)

2030 GOALS

people supported through educational support, lifelong learning, and upskilling.

100,000 people

KEY OPERATING RESULTS IN 2022



10,874 people Children, youth and adults

Are encouraged to access education and develop essential skills.



52 schools

Are encouraged to educate and support sustainability.



100 people

Number of scholarships sponsored by companies in the business group.

EDUCATION MANAGEMENT

MANAGEMENT APPROACH

C.P. 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.

CP Intertrade is committed to investing in all aspects of education in Thailand and believe that this investment will enhance opportunities for the entire nation. Our approach focuses on 3 main areas: developing knowledge and skills, strengthening digital competence and creating greater access to knowledge. These 3 areas we believe contribute to a process of lifelong learning.



YOUTH

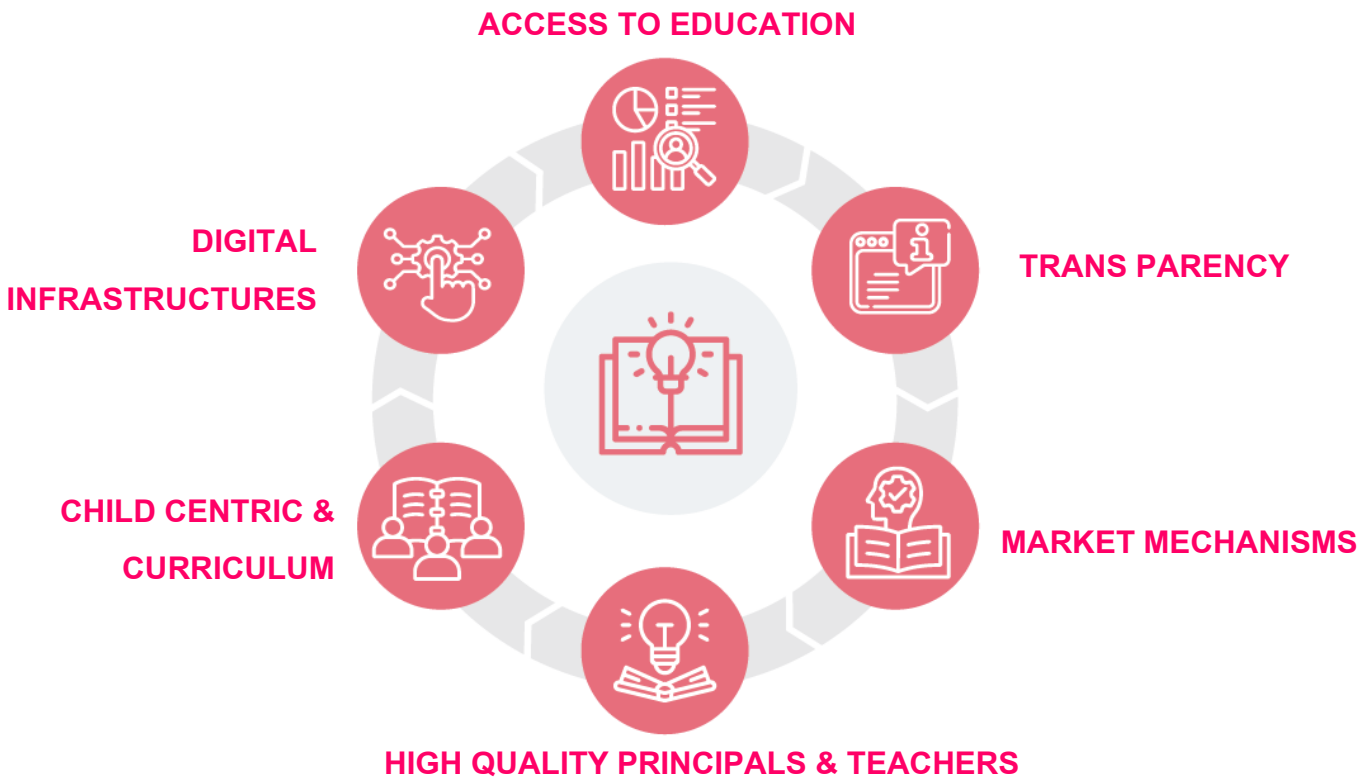


EMPLOYEES



FARMERS

FRAMEWORK EDUCATION



ACADEMIC OLYMPIAD

Led by the executive of Khao Tra Chat, Ms. Ramida Chaiyamongkol, Assistant Managing Director. Corporate Communications Office Participated in the welcoming ceremony for the country's delegation Returning from the Mathematics Olympiad International Mathematical Olympiad 2022 IMO (International Mathematical Olympiad 2022) in Oslo, Kingdom of Norway at Suvarnabhumi Airport.

There were 3 gold medals, 2 silver medals, and 1 red gold medal as follows:



GOLD MEDAL

- Mr. Kongphop Piyakalamanan
- Mr. Wasawat Ruangwong
- Mr. Saranyu Thongcharat
Triam Udom Suksa School



SILVER MEDAL

- Mr. Worawat Rungaramsin
Triam Udom Suksa School



RED GOLD MEDAL

- Mr. Thayakorn Suwanich
Triam Udom Suksa School



YOUNG AGRICULTURE FOR SUSTAINABILITY



Charoen Pokphand Group operates its business under the determination of 3 benefits, which is to create benefits for the nation, the people and the organization, with the idea for social development along with building business growth. Young Agriculture for Sustainability Project Born from the idea of transferring agricultural knowledge to Thai children who have agriculture as the economic foundation of the country. By targeting youth around the establishment (factory, farm, farm pro) organize training to educate and create demonstration plots for real practice.

Implemented the project for the 3rd year in a row, Sustainable Development Goals of HEART Group, Education and Reduction of Inequality in Rice Business Transportation and Services and Map 1 Developing Education of the Office of Social Activities Integrated Crop business, rice business, Transportation and Service, targeting 100,000 people by 2030.

OBJECTIVE

1. To produce safe food stocks, support the lunch project enhancing food according to the principles of nutrition rotation in school.
2. To insert agricultural knowledge through learning-based activities and integrated training.
3. To build on the output of the school, the knowledge can be transferred to the school network and the community.
4. To join forces with executives and employees of CSR SPIRIT, volunteering to do activities with the community to contribute to society according to the 3 benefits.

AREAS FOR IMPLEMENTING THE YOUNG AGRICULTURAL PROJECT FOR SUSTAINABILITY

1. Wat Lamut School
Phra Nakhon Si Ayutthaya Province
2. 26 Soi 4 Left School
Lopburi Province
3. Chomchol Ban Khonthi School (Prasit Uppatham)
Kamphaeng Phet Province

NATIONAL CHILDREN'S DAY

The project has been carried out continuously every year since 2009 until the present, for a period of more than 13 years. The format of activities is divided into 2 types:

1. Organizing academic skills competitions such as painting contests, essay competitions, quiz competitions, etc.
2. Organizing community participation activities by organizing learning bases through games and organizing lunch and giving away stationery sets.

In 2022, National Children's Day has been organized under the concept of "Modern Thai Children Care about the environment" to make Thai children aware of the importance of environmental changes that affect human life. Therefore, it is necessary to cultivate the conservation of natural resources and the environment. There were 3,985 participants.

TARGET AREA

Surrounding areas where business is conducted both domestically and abroad include:

1. Nakhonluang Rice Factory
2. Wang Daeng Rice Factory
3. Buriram Rice Mill
4. Suphanburi Rice Mill
5. Kamphaeng Phet Rice Mill
6. Regional sales area
7. CSR network agencies include the Bureau of Culture, Tourism and Sports, Bangkok.





LEADERSHIP AND HUMAN CAPITAL DEVELOPMENT

(GRI 102-41, 102-43, 102-44, 103-1, 103-2, 103-3,
401-1, 401-2, 404-1, 404-2, 404-3, 405-1)

SUPPORTING THE SDGs



SDG 4
Quality Education

- 4.4 Increase the number of youth and adults who have relevant financial skills.
- 4.7 Ensure that all learners acquire the knowledge and skills needed to promote sustainable development and global citizenship.



SDG 5
Gender Equality

- 5.5 Ensure women’s full and effective participation and equal opportunities for leadership at all levels of decision-making.



SDG 17
Partnership for the Goals

- 17.6 Enhance cooperation and access to science, technology and innovation, and enhance knowledge sharing.

OPPORTUNITIES AND CHALLENGES

CP Intertrade Co., Ltd. and companies in the Rice Business Transportation and Service 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. CP Intertrade Co., Ltd. and companies in the Rice Business Transportation and Service 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.

2030 GOALS

employees engaged in sustainability training and initiatives.

100%

KEY OPERATING RESULTS IN 2022



LEADER AND STAFF

100 % Trained to develop knowledge and understanding in sustainability and business ethics



EMPLOYEE TRAINING HOURS

4.17 hours/person/year



EMPLOYEE TRAINING COSTS

13,010,021 Baht /Year

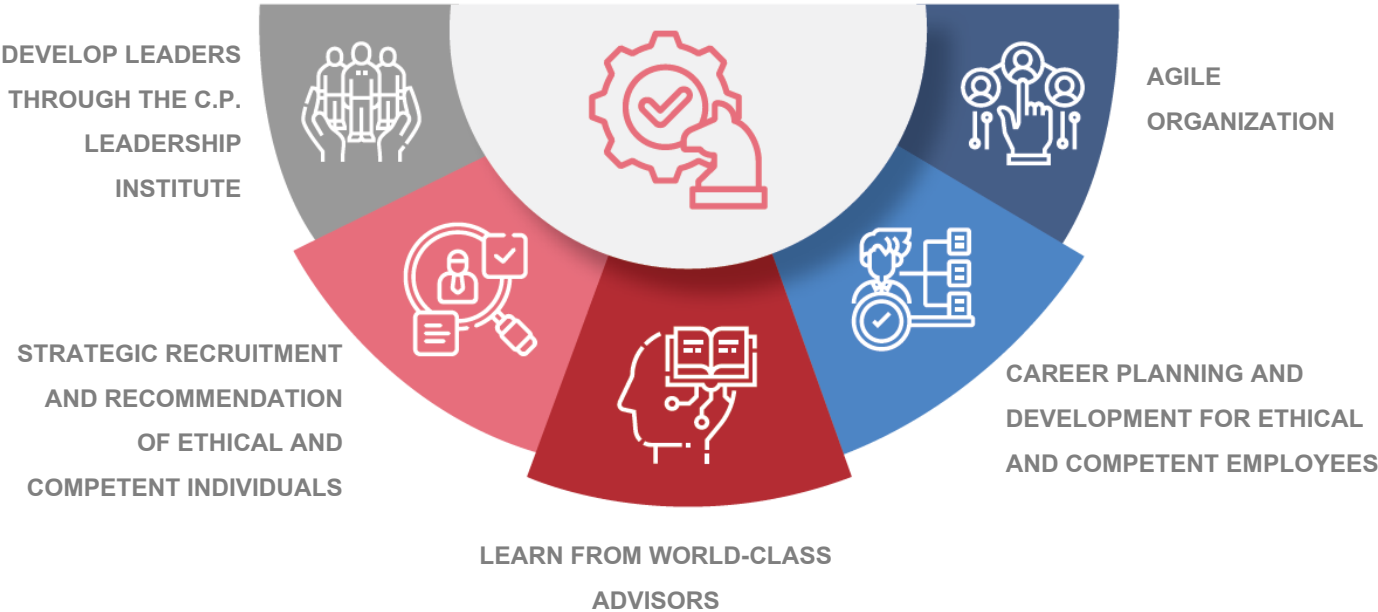
HUMAN RESOURCES MANAGEMENT

C.P. Intertrade believes that our people are the most valuable asset – they are the driving force behind the achievement of our aspirations. This is especially the case today, as CP Intertrade is committed to growing its business and expanding investments globally. There now arises the challenge of creating ‘New Generation Leaders’ who will carry forward the organization’s values, while preparing and developing over 300,000 employees across our diverse businesses with the necessary knowledge and skills, and mindsets to embrace and adapt to changes, as well as to reinforce positive experiences for our employees to be proud for taking a part in CP Intertrade’s success.



Central to this is CP Intertrade ‘Workforce 4.0’ Human Resources Strategy, which is guided by the Six Core Values, digital information, and technology. The strategy consists of five core pillars and focuses on developing up a new generation of leaders through real-life learning experiences, with the CPLI being central to these efforts. It also focuses on creating a human resources management ecosystem to promote recruitment of ethical and competent individuals, learning from various world-class advisors, career planning and development, and transforming to an ‘agile’ organization to enhanced the Group’s adaptability to business changes and changes prompted by generational gaps.

C.P. GROUP WORK FORCE 4.0

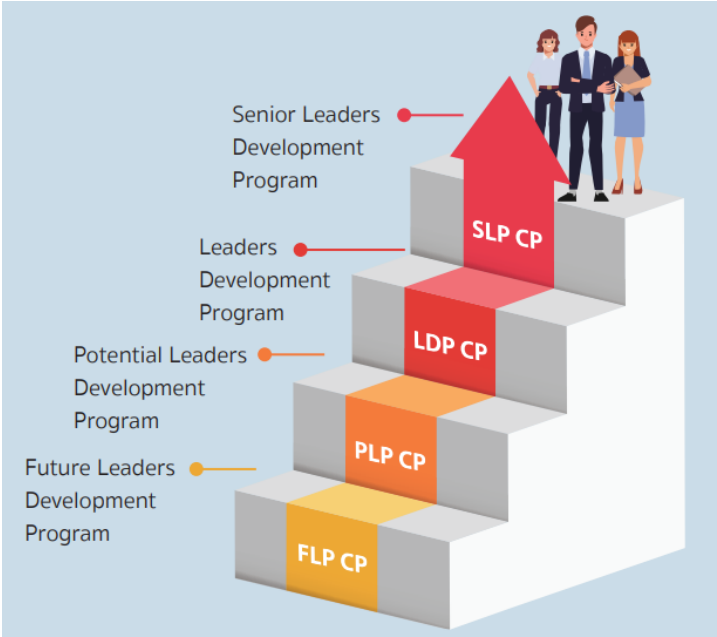


LEADERSHIP DEVELOPMENT TRAINING

MANAGEMENT APPROACH

DEVELOPMENT THROUGH LEADERSHIP DEVELOPMENT COURSES

Human resources development at C.P. Group aims to develop leaders at all levels. With the CPLI at the center, courses are designed to suit the qualifications of all participants. All courses are developed based on real-life applications, focusing on learning through practicing by implementing cross-business and cross-function projects. The projects reinforce trainees to enhance business problem-solving skill and learn from experiencing actual impacts.



OPERATIONAL PROGRAM			STRATEGIC PROGRAM
COURSE OVERVIEW			
The first training course for the Group’s ‘Young Talents’ in Thailand and overseas, which aims to build well-equipped leaders according to the Group’s leadership model.	A leadership development course for employees with proven leadership potentials focuses on business development and integrated management within the scope of their responsibilities, aiming to generate profit and revenue for the sustainable business growth.	A development course for leaders at the operational level is designed to help them manage strategic operational projects. It focuses on reforming processes for efficiency and quality, stimulating cross functional actions, and maximizing resources used.	The course focuses on enhancing and sustainably developing C.P. Group through the formulation of strategic projects that execute C.P. Group’s vision.
PARTICIPANT QUALIFICATIONS			
New graduates and young talents from business groups	Graduates of the FLP Program and employees from business groups	Managing directors and mid-level executives	Top-level executives
PROJECT SUPPORTERS			
CEO and CEO-1	CEO and CEO-1	CEO and CEO-1	CEO and Group Chairman

CPTG Townhall 2022

On March 11, 2022, the rice, transportation and service business Organized a vision transfer event Strategy and business direction for the year 2022 (Townhall 2022) lead by 4 executive :

- Mr. Prasit Damrongchitanon : Vice Chairman of the Board,
Integrated Crop Business, Rice, Transportation and Services.
- Mr. Sumeth Pinyosanit : Chairman of the Executive Board
Integrated Crop business
- Mr. Chana Laoweerakul : Chairman of the Executive Board
Domestic and Transport Business Operations Department International
- Ms. Tatcha Puangphonsri : Deputy Managing Director of Human Resources Management
Foreign business Stated the personnel operations plan for 2022





CYBER SECURITY AND DATA PROTECTION

(GRI 103-1, 103-2, 103-3, 410-1)

SUPPORTING THE SDGs



SDG 4
Quality Education

4.4 Increase the number of youth and adults who have relevant financial skills.



SDG 16
Peace, Justice, and Strong Institutions

16.10 Ensure public access to information and protect fundamental freedoms in accordance with national legislation and international agreements.

OPPORTUNITIES AND CHALLENGES

C.P. Intertrade Co., Ltd. and companies in Rice Business Transportation and Service commitment to operations includes technologies, processes, and practices designed to protect networks, devices, programs and data from attacks or intentional unauthorized access. To protect business assets from all threats of cyberattacks, including securing personal information of employees and customers. The goal is to have the business group be certified in accordance with international cybersecurity and data protection standards.

2030 GOALS

businesses certified on
international standard of data
security and data privacy

100%

KEY OPERATING RESULTS IN 2022



CYBERSECURITY TRAINING

100 % of all employees have been trained or raise cybersecurity awareness.



RISK ASSESSMENT CYBER SECURITY

100 % the company's access channels have been assessed for cybersecurity risks.

CYBER SECURITY & DATA PROTECTION

Security Operations and Cyber Security It is important for any organization. Whether it is the public or private sector To prevent data loss violation of privacy or being attacked by someone who does not wish well Our company has a systematic management approach in this area. By considering the nature of the business and the needs of customers.

OUR MANAGEMENT APPROACH CONSISTS OF THE FOLLOWING SECTIONS:



DEPARTMENT AND EMPLOYEES

We have established a unit responsible for setting and monitoring implementation of the policy package. And there are personnel who have knowledge and skills in managing cyber security and safety. From now on, we also focus on providing relevant knowledge to all employees.



PLAN AND PROCEDURES

We have set standards, regulations and practices in accordance with principles that are appropriate to our business. and in accordance with relevant laws and regulations.



TECHNOLOGY

We use modern and effective technology to prevent, detect, resolve, and resolve issues related to security and cybersecurity.

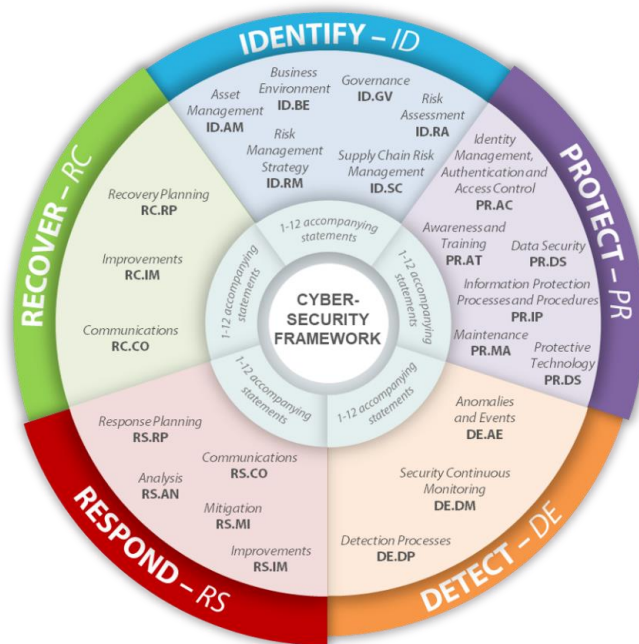
Through a process of analysis, evaluation and continuous improvement. To ensure that our operations are consistent with changing circumstances and needs.

PROTECTION OF PERSONAL INFORMATION

To create cyber security stability Cybersecurity risk management is an organization's focus on system flaws. Threat trends and the most important attack on the business first

Cyber security framework of the National Institute of Standards and Technology (NIST) is one of the frameworks for cyber security. which is very popularly used nowadays. This Framework brings together a wide range of best practices. To help business organizations determine guidelines for enforcement. and improve security guidelines.

NIST Cyber Security Framework Functions help create an effective cyber risk prevention strategy. The operation is divided into 5 steps: Identify, Protect, Detect, Respond, Recover.



Origin: NIST-Framework-Visual-with-Functions-and-
Categories(expertip.net)



IDENTIFY

Identification helps develop business and organizational understanding of risk management to systems, people, assets, information, and capabilities. The main objective is to identify all people, processes, or systems that may be vulnerable to this type of threat.



PROTECT

Protection supports the ability to limit or control the impact of a threat. The main objective is to limit the threat of attacks by eliminating or closing vulnerabilities.



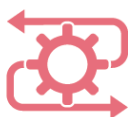
DETECT

Activity sensing to identify events that occur in a timely manner. The main objective is to, if not be able to stop the threat. How do you know what is happening? and businesses and organizations are increasingly exposed to cyber threats.



RESPOND

Response including appropriate activities regarding cyber threats to reduce their impact. The main objective is to be aware of threats. Prevent further damage. reputational damage or violation of privacy



RECOVER

Recovery consists of identifying appropriate activities to maintain plans for resiliency and to recover impaired services during a cybersecurity event that occurs. The main objective is to return the incident to a state equal or better than before the incident.

INFORMATION SECURITY :

PERSONNEL MANAGEMENT INFORMATION

Rice, transportation and service business Consider the importance of personal data management (PDPA) of employees at all levels. To meet international standards and protect personal information. from unrelated people Both about requesting information Data collection Information Transfer and Destruction Office of Sustainability Management, Governance and Compliance with Regulations Therefore proceeded as follows.



1. Workshop to provide knowledge to employees on the topic of preparing to support the Personal Data Protection Act on May 25, 2022, with the objective of making each agency aware of its role and methods of dealing with the case. Various things according to the Act, including clarification of the following matters:
 - Guidelines for management or related agencies in the case of customers or employees exercising their rights. According to the Personal Data Protection Act
 - Case management guidelines Personal information has been violated or leaked.
2. The company organizes knowledge training and annual PDPA tests for all employees through the group's online system.
3. Design PDPA guidelines on Data Subject Request / Data breach for use within the organization.



CYBER SECURITY OPERATION FOR CONTINUOUS PROTECTION

Technology and information systems It is an important tool for driving businesses and organizations to progress and quickly. As a result, those businesses and organizations face increased risks from cyber threats. Security monitoring for cyber threats Therefore, it plays a very important role in businesses and organizations. The company therefore places importance on monitoring security from cyber threats, including personnel, processes, and information technology tools used.

The company has a Security Operation Center (SOC) that is ready to detect and monitor threats on the organization's network and information technology systems in real-time 24 hours a day, with security experts taking care of them. Analyze and notify when adverse events occur. or discover new vulnerabilities as well as resolve problems in a timely manner before the incident escalates.

Cyber Security Operation is a continuous and non-stop operation. To be able to effectively track and prevent attacks from malicious people. To ensure the highest security of the organization's data and assets. The company has a team with knowledge and experience in dealing with cyber threats. and use modern and efficient tools In order to carry out the Cyber Security Operation effectively and according to international standards





HEALTH

LIVING WELL

C.P. Intertrade Co., Ltd. and companies in the Rice business Transportation and Service Charoen Pokphand Group recognizes the importance of social sustainability by conducting business under the concept of employee and social development in connection with the economic dimension of the organization by giving rights and opportunities to fair treatment and benefits encourage employees to see the value of their work. and honesty to the organization There is a communication channel with stakeholders be transparent can check. There is a management system that creates participation from all parties. Build the surrounding society to be a quality society. Recognized by society and the community in entrepreneurship cultivated in the activities of people in the organization to reach the brand and corporate products to achieve the vision of being a leading company in the integrated rice business and agro-industrial under the framework of vision, mission and policy, the following social sustainability goals are follows:



**HEALTH &
WELL-BEING**



**SOCIAL IMPACT
& ECONOMIC
CONTRIBUTION**



**OCCUPATIONAL
HEALTH & SAFETY**



**INNOVATION
MANAGEMENT**



**STAKEHOLDER
ENGAGEMENT**



HEALTH AND WELL-BEING

(GRI 103-1, 103-2, 103-3, 201-1, 413-1)



SDG 2
Zero Hunger

- 2.1 Access to food that is nutritious and safe based on international standards
- 2.2 End all forms of malnutrition



SDG 3
Health and Well-being

- 3.4 Reduce mortality from non-communicable diseases and support good well-being
- 3.B Support research, development, and access to affordable essential medicines and vaccines

C.P. Intertrade Co., Ltd. and companies in the Rice Business Transportation and Service 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 hunger and promoting health and well-being.

2030 GOALS

Total sales volume of consumer products and services help promote health and well-being.

50%

KEY OPERATING RESULTS IN 2022



FOOD SAFETY PRODUCTS
100 % of all products.

PRODUCT DEVELOPMENT FOR HEALTH

HEALTH PRODUCT RESEARCH AND DEVELOPMENT CENTER

CP Intertrade is determined to research and develop products to improve consumers' health and well-being, including continuously introducing new products through research and development that leverage modern food technology and meet international standards. To achieve this, the Group established a food research and development center that supports expert food researchers' and developers' creativity and showcases their ability to test new products and emphasizes their determination to research and develop healthy products. Furthermore, different people have different food demands at different ages, and therefore it is necessary to develop food innovations that promote a good quality of life for global consumers. To accomplish this, they use pilot factories to test and develop products that can immediately respond to different market demands.



The Company has developed products for better health and well-being in response to vastly changing consumers' food consumption trends. Consumers currently consider the benefits and nutrition of food as their top priority. C.P. Intertrade have continuously produced products for better health and well-being at research and development center is in Nakhon Luang District, Phra Nakhon Si Ayutthaya Province.



MANAGEMENT GUIDELINES AND MANAGEMENT OF HEALTH PRODUCT INNOVATION

MANAGEMENT APPROACH

Promoting health and well-being for all people is a common priority for all countries. CP Intertrade views this as an opportunity to develop products and services using our expertise in agribusiness and food, retail and distribution, and pharmaceuticals.

The Group is committed to investing in research and development, operating according to international standards, controlling and monitoring quality throughout the value chain, and promoting understanding of good nutrition for society. We focus on increasing the capacity of our employees (People), developing processes based on international standards (Process), offering products for promote good health and well-being (Product), and promote understanding of health issues (Promotion of Health) by providing product information and initiatives.



PEOPLE

We strongly believe that to produce safe, high quality food, we must look to the quality of our employees. Therefore, we invest heavily in the recruitment, training and development of our staff, working with industry experts to ensure that we are able to efficiently manage risk and quality control. This is important along the entire value chain from the sourcing of raw materials through to manufacture and delivery to our consumers.



PROCESS

We believe good manufacturing processes require good systems and standards. As a result, we are continually improving our food quality and safety systems, using laboratory analysis, automation, traceability systems and regular certification to international standards, such as ISO/IEC 17025 accreditation, by both internal and external parties.

- ★ ISO 9001:2015
- ★ GHPs
- ★ HACCP
- ★ BRC Issue 8
- ★ FSMA
- ★ FDA standards



PRODUCT

We believe that product innovation plays a vital role in improving health and well-being, and are dedicated to investing in it. We have created more diverse product ranges, improving both taste and nutritional value and continue to do so. We also focus on developing new products for different target groups, including functional and medical foods.



PROMOTION OF HEALTH

We believe that clear and accurate product information can help consumers make good decisions. As a result, we have a strong focus on communicating clear, accurate, and sufficient information to our customers. In addition, we engage in a number of projects to support public education on appropriate levels of consumption, food hygiene and nutrition as well as initiatives that provide consumers with better access to nutritious food products.

POPULAR "KHAO TRACHAT" PRODUCTS

The company strives for and
intend to produce to achieve consistent quality as the saying goes

**“KhaoTraChat, standard in every bag the same
all over the world.”**

Until we are accepted and trusted by millions of consumers.

#KhaoTraChat, the number 1 rice in my heart we all



JASMINE RICE

About deliciousness, fragrant, soft, sticky because we use the technology to store the freshness of rice. With 15 °C cooling technology, it's like eating just harvested rice. **Delicious all year round, no need to wait for the season.**



CHAT SOM BRAND: FRAGRANT RICE, SPECIAL RECIPE,

About cooking in the pot, the price is worth it, will cook it as steamed rice or make a menu of chicken rice, red pork rice, pork leg rice and fried rice. It's delicious to make any dish.



RD43 RICE : CHAT LIGHT BRAND

Less sugar, healthy but still delicious, soft, suitable for everyone in the family. people who like soft rice but also care about health want to control sugar and weight. Quality is guaranteed with the brand "RD 43" certified authentic by the Rice Department.

CHAT LITE RICE X ABSOLUTE FITFOOD READY TO SERVE “HAPPY HEALTHY BOX”

'Khao Tra Chat Lite' joins hands with 'ABSOLUTE FITFOOD', a premium health food box manufacturer. Delivery format Invite all consumers People who take care of their health Delicious and satisfying in concept “Health and deliciousness do not go hand in hand” and ready to serve Chat Lite brand rice , Khao Khor 43, “Fragrant, soft rice, low sugar” paired with mouth-watering food menus. There are more than 300 food items for you to choose from with “Happy Healthy Box By Absolute Fitfood” created by a nutritionist and a team of professional chefs. Make it a matter of controlling your weight. It has become very easy.

"Chattra Lite Rice" is another good choice for health. Because it is RD 43 rice, a pure breed of rice certified by the Rice Department. It has a relatively low glycemic index (Medium To Low GI), meaning it has a GI of 57.5, while jasmine rice is 69.1, riceberry rice is 62.0 and brown rice is 57.0. Having a low GI value will help convert starch into sugar more slowly. This causes blood sugar levels to not increase quickly. Makes you feel full for a long time And it is an option for those who want to control the amount of blood sugar in their blood. It's similar to brown rice, but softer and easier to eat. And one thing is different It is a product that comes from member farmers under the Company's project to develop a sustainable rice growing system. Importantly, it is easier to eat. Because the rice is white But still have good health.



For anyone looking for new clean food at an affordable price, “Happy Healthy Box By Absolute Fitfood” is a good choice. Prices start at only 85 baht per box. By selecting quality ingredients, Clean & Lean 100%, low calorie, no oil used in cooking. Do not use refined sugar. and does not contain preservatives Ready to serve you every box at home. You can view the menu and order food at: <https://shop.line.me/@hhbox> or phone number 081-371-3721, 090-572-3065



SOCIAL IMPACT AND ECONOMIC CONTRIBUTION

(GRI 103-1, 103-2, 103-3, 201-1, 413-1)

SUPPORTING THE SDGs



SDG 1
No Poverty

- 1.2 Reduce poverty by at least 50%
- 1.4 Equal rights to ownership, basic services, technology, and economic resources



SDG 4
Quality Education

- 4.4 Increase the number of people with the necessary financial skills



SDG 8
Decent Work and Economic Growth

- 8.6 Substantially reduce the proportion of youth not in employment, education or training



SDG 10
Reduced Inequalities

- 10.1 Reduce income inequality

OPPORTUNITIES AND CHALLENGES

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.

2030 GOALS

Supported to generate incomes for small farmers and vulnerable groups along our supply chain.

100,000
Peoples

KEY OPERATING RESULTS IN 2022



FARMERS
5,766 peoples receiving career promotion and income.



VULNERABLE GROUP
367 peoples who received promotion of occupation and quality of life.



SUPPORT COMMUNITY AND SOCIETY
26,537,652 Bath

KEY PERFORMANCES 2022

NUMBER OF BENEFICIARIES (PERSONS)



5,766

FARMERS SUPPORTED



745

MEMBERS OF VULNERABLE
GROUPS SUPPORTED

SOCIAL ACTIVITIES



716,500

Baht

CHARITABLE DONATIONS



26,537,652

Baht

SUPPORT COMMUNITY
AND SOCIETY



14,253,106

Baht

TAX PAID TO THE
GOVERNMENT



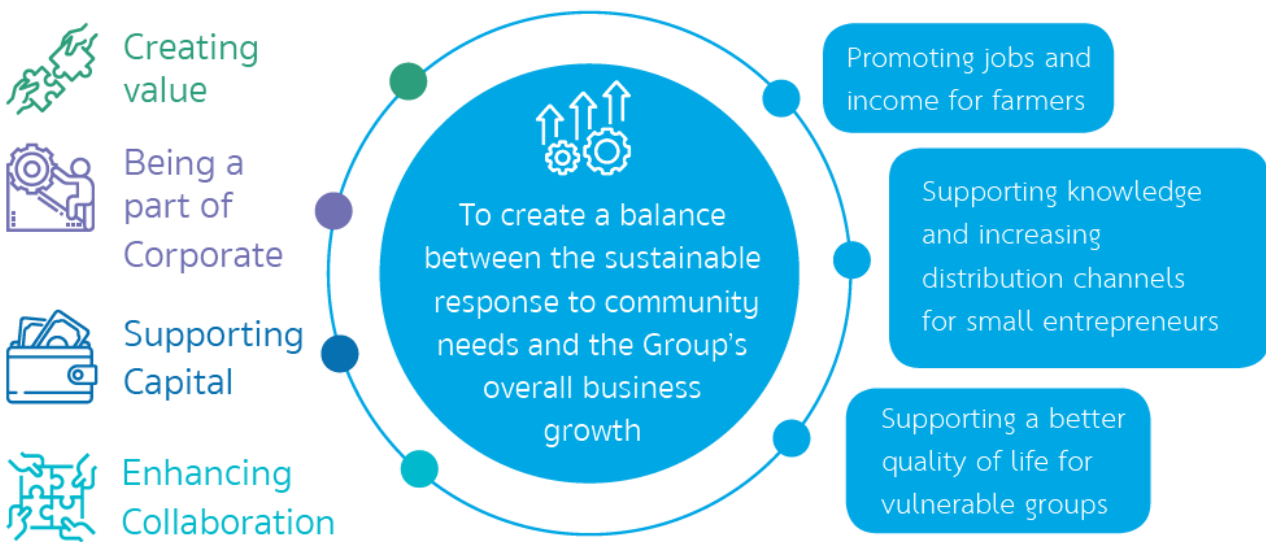
CSR SPIRIT : 6,150 Hour

STRATEGIES TO INCREASE SOCIAL VALUE

MANAGEMENT APPROACH

C.P. Intertrade Co., Ltd. and companies in the Rice Business Transportation and Service Group’s Social Value Creation Strategy has been developed based on the core values that represent our identity, namely gratitude and honesty, the Three-Benefit Principle, the C.P. Excellence Management Approach, and the Sustainable Development Goals according to the 2030 Strategy. Besides these internal factors, the Group has also taken into account community concerns and the United Nation’s Sustainable Development Goals in order to balance between meeting the community’s and society’s needs and the Group’s business growth.

C.P. Intertrade Co., Ltd. and companies in the Rice Business Transportation and Service Group’s Social Value Creation Strategy actively focuses on three keys issues, namely promoting jobs and income for farmers, supporting knowledge and increasing distribution channels for small entrepreneurs, and supporting a better quality of life for vulnerable groups. Furthermore, the CP for Sustainability Project has also been implemented to drive the strategy and encourage the engagement of executives and employees worldwide in harmonizing social activities.



SUPPORTING FARMERS (for a Better Quality of Life)



Marketing and sales channel support for farmers



Supporting contract farmers



Four-in-One innovative projects for modern and sustainable agriculture



Knowledge, technology, and skill development & Employment of local farmers



Promoting farmers' access to funding



Social Enterprise (SE) Development



Direct purchase of agricultural raw materials from farmers

MANAGEMENT APPROACH

The agricultural sector is still an integral part of the economies of Thailand and many other countries around the world, as it is relevant to the livelihood of many people. Yet, most farmers are still in poverty due to the lack of capital, knowledge, technology, and access to markets. Meanwhile, C.P. Intertrade has the resources and can collaborate with relevant parties in order to improve the farmers' quality of life, especially to eradicate poverty as part of addressing Goal 1 of the SDGs.

CP Intertrade holistic operations seek to support farmers by developing their skills and enhancing their land management capability. Our operations prioritize programs that can create economic, social, and environmental values and align with the Four-in-One approach comprising the public sector, private sector, financial institutions, and farmers. We also support the legislation of Contract Farming and other integrated projects to ensure self-sufficiency and sustainability for farmers.

PERFORMANCE TO SUPPORT FARMERS TO GROW RICE DURING



112,350 Rai

Promoted Farmland



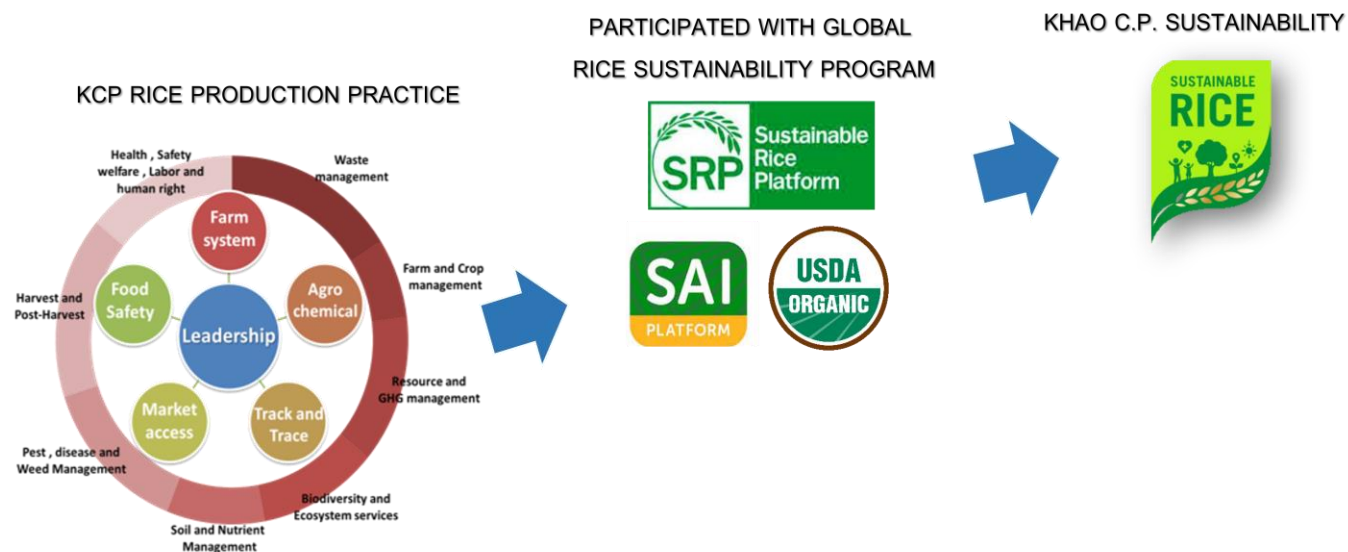
5,766 Persons

Farmers have been trained on cultivation properly according to academic principles. To reduce costs, increase productivity

- Jasmine rice : 6 provinces (Sisaket, Yasothon, Buriram, Surin, Roi Et, Phayao)
- RD 43 Rice : 3 provinces (Suphan Buri, Nakhon Sawan, Phitsanulok)
- RD 79 Rice : 7 provinces (Suphan Buri, Chainat, Nakhon Sawan, Phichit, Phitsanulok, Sukhothai, Kamphaeng Phet)
- Sticky Rice : 2 provinces (Phayao, Chiang Rai)



SUSTAINABILITY AGRICULTURE



C.P. Intertrade Co., Ltd. and companies in the Rice business Transportation and Service together with government agencies, we are working on a project to develop traceability through sustainable rice standards in the Pracharat Rice Project with purpose to encourage partner farmers to have knowledge and ability to cultivate rice properly according to food safety principles. There is an effective management system based on social and environmental responsibility.

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

There are 3 areas of operation which are as follows:

1. Sustainability product with operations in Carbon footprint of product and Water Footprint Product
2. Sustainability Agriculture It is the implementation of the requirements of the main Responsible and Sustainable Sourcing partners. It operates in accordance with the requirements of Unilever and operates according to the Global Sustainable Agriculture Standards: Sustainable Agriculture Initiative Platform, Global G.A.P., Sustainable Rice Platform.
3. Sustainability Development Goals for organization



'THAI FARMER RICE' INVITES YOU TO SHOP AND BRING SMILES TO FARMER AT 7-ELEVEN

CP Intertrade Co., Ltd., producer and distributor of packaged rice under the brand "Chattra Rice", is back again with the project. "Thai Farmer Rice" quality rice purchased from farmers Ready to be taken into the process of improving rice quality and packaged in bags under the brand. "Thai Farmer Rice" because we want to pass on smiles from farmers to every home. Let Thai people be happy along with the smiles of Thai farmers. Under the concept **"Sending happiness from the field to the plate"** therefore joins forces with 7-11 department stores across the country, inviting Thai people to be a part of creating happiness, smiles and a good quality of life for Thai farmers. By shopping for products at special prices

"Thai Farmer Rice" 100% new jasmine rice, size 5 kg. Price for Thai people, very special, 189 baht. Can be purchased at 7-11 every branch nationwide, convenient to shop through All Online or just go and shop easily. No need to leave the house Ready to deliver products to your home with 7-Eleven Delivery from today onwards. (Until the product runs out) Click the link to order at <https://7eleventh.page.link/gNeAjCuThSxnEGiD6> Join in passing on smiles from farmers to every home. Let Thai people be happy along with the smiles of Thai farmers.



KHAO TRA CHAT TOGETHER WITH THE THAI RICE FOUNDATION UNDER ROYAL PATRONAGE SUPPORT THE THAI RICE FORUM 2022

Mr. Trairat Udomsriyothin, Senior Deputy Managing Director As a representative of the company, we donated money worth 200,000 baht to support the organization of the Thai Rice Forum 2022, which was honored by Dr. Sumet Tantivejkul, president of the Thai Rice Foundation. under royal patronage be the recipient. Within the event, there was a lecture on the topic of "Next Steps, Thai Rice Policy" and Charoen Pokphand Produces Company Limited by Dr. Sadawut Kulmanee, Executive Deputy Managing Director. Is one of the lecturers who lecture about Public-private partnership in the development of Indian rice this time.



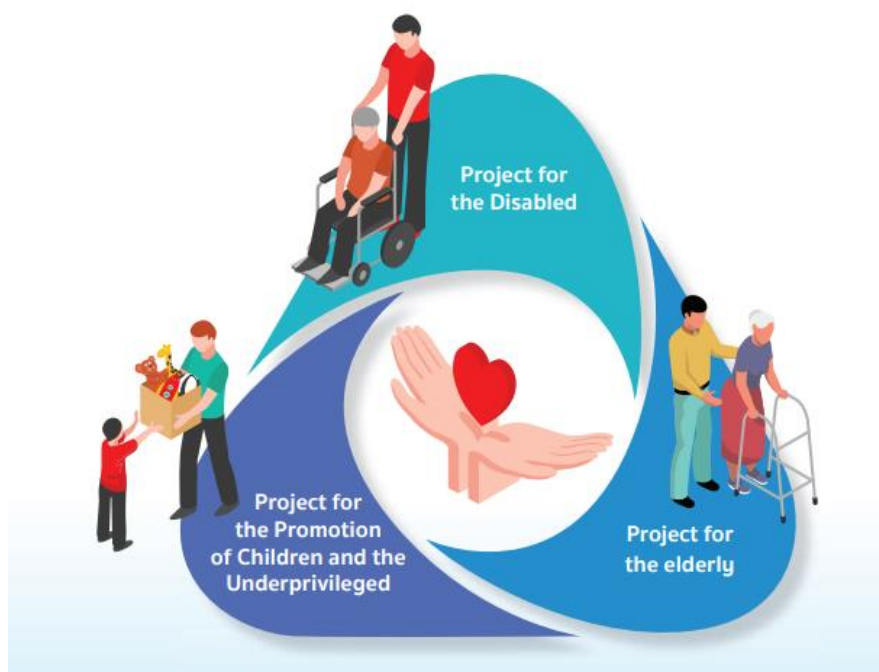
SUPPORT FOR VULNERABLE GROUPS

MANAGEMENT APPROACH

The challenge affecting the world today is the global population. continually increasing Promotion and development of quality of life so that vulnerable populations receive equality in society. Something that should be of great importance to reduce inequality society formed under the concept that 'Building a strong business foundation must go hand in hand with building a foundation. quality of life of people in society', thus making the business group Have ideas and awareness of continual support for people in society.

The company believes that the business can grow sustainably. Community and society must develop at the same time, so we recognize the importance of supporting social and community activities. and with awareness of the roles and duties of a good citizen and the philosophy of 3 benefits to the sustainability of the company (to the country, the people and the company).

Therefore, we aim to promote activities that benefit vulnerable groups such as the disabled, the elderly, children, the socially disadvantaged, especially around the areas where the company operates. using knowledge and expertise in making a positive impact on society through a variety of support forms including: Supporting money, giving things, doing volunteer work, including transferring knowledge in various forms. especially about access to nutritious food and comprehensive education. To contribute to building a stable society and beneficial to the overall development of the country.



PROMOTE THE ELDERLY

"PROJECT TO CREATE HAPPINESS FOR THE ELDERLY"



Ms. Nuchanat Pratheepathiranan Deputy Governor Along with developing society and human security, the Red Cross Society and CSR SPIRIT volunteers at Wang Daeng Rice Factory. Integrated plant business, rice, transportation and services Charoen Pokphand Group Visit the area to visit the elderly Disabled people and vulnerable groups In the Tha Ruea District area Phra Nakhon Si Ayutthaya Province, 20 people, donated royal rice, CP drinking water, and consumer goods. To help relieve suffering and provide morale and encouragement in life.



Mr. Chaiwat Supavimon, General Manager Suphanburi Rice Mill joins with CSR SPIRIT to donate low-sugar jasmine rice, ๓๓.43, Chat Lite brand, to support the water-pouring activity to ask for blessings for the elderly on Songkran Day. To continue the good traditions and culture of Thailand. By the elderly community members, Village No. 11 and Village No. 4, Tha Tian Village, received that.

PROMOTING CHILDREN AND THE UNDERPRIVILEGED

"THIS KINDNESS PROJECT FROM BROTHERS"

Reducing educational inequality is one of the important policies of the integrated crop business, rice, transportation and services. Charoen Pokphand Group Determined to conduct business alongside development, care and assistance to society according to the aspiration of 3 benefits, resulting in a project This kindness from brother to sister The objective is to provide assistance to children and youth. who lack capital and is in a remote area This year, due to the Charoen Pokphand Group's 100th anniversary, the idea was born to pass on educational opportunities to 100 students on 100 year scholarships for the Charoen Pokphand Group. Pass on the opportunity to students to study, 2,000 baht per scholarship (from fundraising by executives and employees).

Target groups for delivering funds are as follows:

- Nakhon Luang Rice Factory (5 scholarships)
- Wang Daeng Rice Factory (5 scholarships)
- Kamphaeng Phet Rice Mill (5 scholarships)
- Suphanburi Rice Mill and Chainat Rice Mill (5 scholarships)
- Buriram Rice Mill (5 scholarships)
- Breeding research and development line (5 scholarships)
- Main seed production line (5 scholarships)
- Expanded seed production line (5 scholarships)
- Seed conditioning factory (5 scholarships)
- Chemical fertilizer production factory (5 scholarships)
- Organic fertilizer production factory (5 scholarships)
- Rubber production factory (5 scholarships)
- Rice and Horticultural Research Center (5 scholarships)
- Ayutthaya Port and ICD (5 scholarships)
- FramPro (10 scholarships)
- CPP sales area (10 scholarships)
- CPI sales area (10 scholarships)



Criteria for selecting students to receive scholarships

1. Family income does not exceed 100,000 baht per year.
 2. Students have good behavior. Do yourself a favor and be a volunteer through certification from educational institutions or people in the community.
 3. Passed selection by teachers and the school's educational committee.
- Conditions for receiving scholarships 2,000 baht scholarships, 100 scholarships, non-binding and continuous terms. Scholarship recipients are between 6-18 years old.

PROMOTE PEOPLE WITH DISABILITIES

ROYAL PROSTHETIC LEG UNIT ISSUED IN

COLLABORATION WITH THE PROSTHETIC LEG FOUNDATION



Thailand has a large number of amputees who need prosthetic limbs to have a good quality of life and be able to earn a living and provide for their families with pride. Not a burden to society But the cost of creating prosthetic legs is high. Prosthetics Foundation In Her Royal Highness Princess Srinagarindra Boromarajonani Prosthetic legs can be made at a low price because materials can be substituted for imported prosthetics at no charge. Do not choose race or religion (no card required) Therefore, we see the importance of helping and supporting the Royal Prosthetics Unit for more than 15 years continuously, giving royal rice to support the medical team and prosthetics technicians throughout the period of making prosthetics. And throughout the fiscal year, units will be issued 5 times per year.





OCCUPATIONAL HEALTH AND SAFETY

(GRI 103-1, 103-2, 103-3, 403-9, 403-10)

SUPPORTING THE SDGs

OPPORTUNITIES AND CHALLENGES



SDG 3
Good Health and Well-Being

3.4 Reduce mortality from non-communicable diseases and support well-being



SDG 8
Decent Work and Economic Growth

8.8 Protect labor rights and promote safe and secure working environments for all workers, including migrant workers

The Company attaches importance to Safety Occupational Health and Environment, It is no less important than product quality. Therefore, every process must be safe. Do not affect the health of employees and does not affect the environment Therefore, there is a process for hazard identification and risk assessment of all activities performed, including when there are new activities or new machines hazards must be identified and assess the risks first every time before starting work In order to know the dangers that will occur along with finding ways to improve and prevent.

2030 GOALS

Achieve zero lost time injury frequency rate.

**Zero
Accident**

KEY OPERATING RESULTS IN 2022



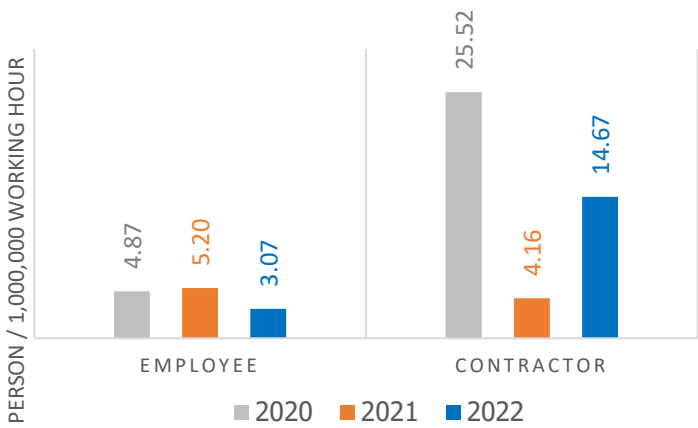
SAFETY AWARDS
Outstanding workplace safety Occupational health and work environment.



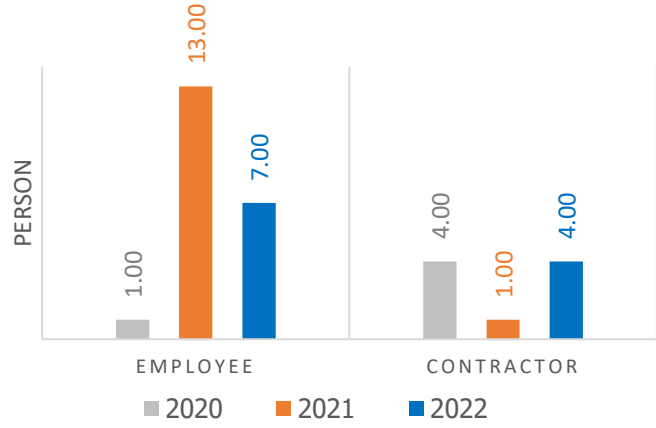
- LOST TIME INJURY RATE**
- Employee **1.79** no. per 1,000,000 working hours (7 people)
 - Contractor **11.74** no. per 1,000,000 working hours (4 people)

OCCUPATIONAL HEALTH & SAFETY MANAGEMENT DASHBOARD

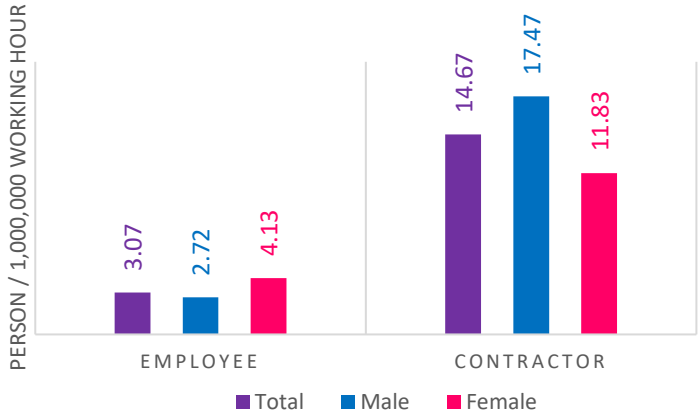
Rate of recordable work-related injury



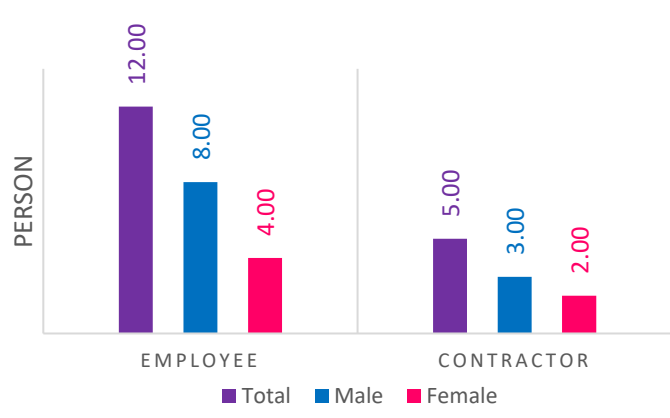
Number of injuries (off work)



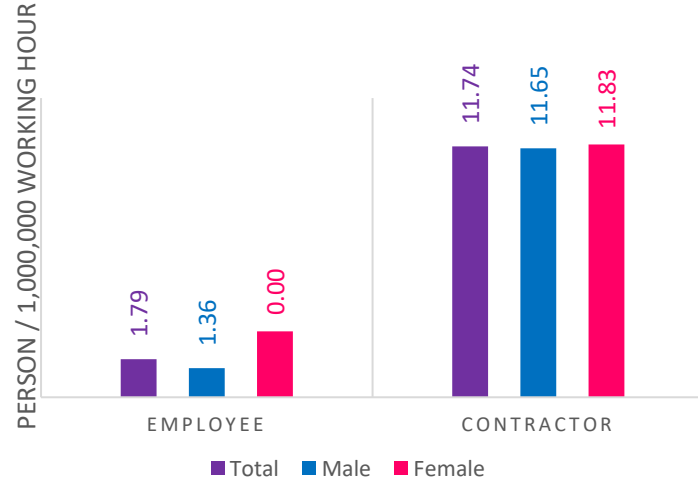
Rate of recordable work-related injury



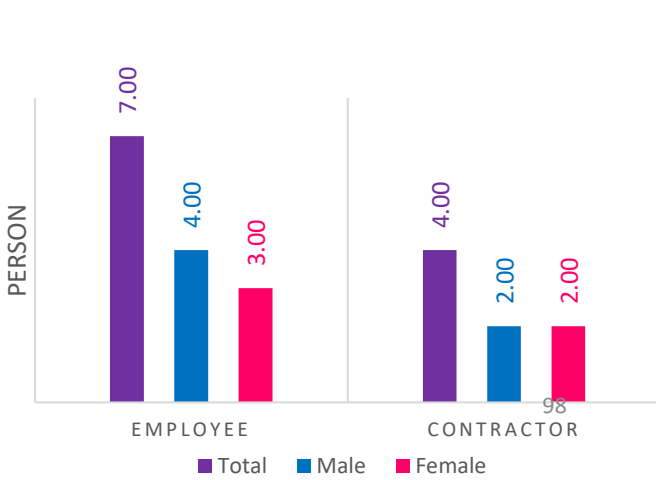
Number of recordable work-related injury



Lost-Time Injury Frequency Rate (LTIFR)



Number of injuries (off work)



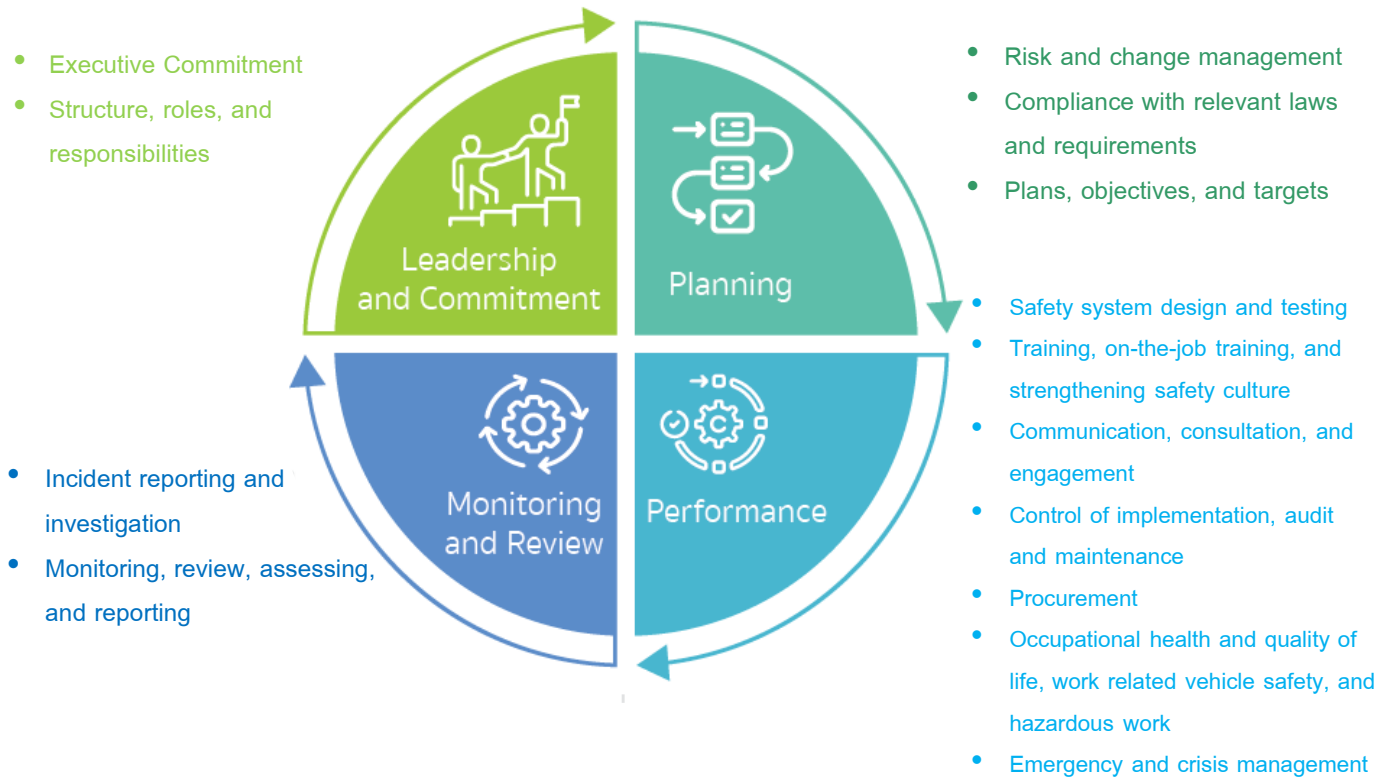
OCCUPATIONAL HEALTH, SAFETY AND WORK ENVIRONMENT MANAGEMENT

MANAGEMENT APPROACH

C.P. Intertrade Co., Ltd. and companies in the Rice Business Transportation and Service, 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.

ZERO ACCIDENT OPERATIONS STRATEGY



TRAIN THE TRAINER FOR FORKLIFT

The company has announced the appointment of a person to test forklift driving operations for the rice business. Transport and services To train and test employees responsible for using forklifts at each factory. which requires training and tested according to the standards of the Charoen Pokphand Group But with such job positions, there is frequent driver turnover. As a result, each factory faces the problem of waiting a long time to send employees to receive training and examination according to the group's standards, affecting the operation of the factory. Therefore, the above duties have been appointed for training and testing forklift driving of employees at each factory. By following the standard curriculum of the Charoen Pokphand Group.

Therefore, it is necessary to organize this training course. For the assigned person to be in charge of testing the operation of driving a forklift in the rice business. Transportation and services, knowledge, understanding and skills as an instructor Tester for driving forklifts correctly according to Charoen Pokphand Group standards. To continue issuing forklift driving certificates according to Charoen Pokphand Group standards.



Company	TRAINER (people)
C.P. Intertrade	1
Wang Daeng Rice Factory	4
Nakhon Luang Rice Factory	5
Suphanburi Rice Factory	5
Kamphaeng Phet Rice Factory	4
Buriram Rice Factory	3
Ayutthaya Port and ICD	3



CPTG SHEEE DAY 2022

With the Nakhon Luang Project, an exhibition on safety, occupational health, environment, energy, 5S, and social responsibility has been organized. and organizational sustainability continuously And last year, the format of the event was changed to become an activity base. The response was at a very good level. The organizing team therefore organized it in the form of a continuous activity base. To encourage participation of personnel within the project at all levels and to communicate Bring knowledge as well as creating a thorough understanding of organizational sustainability issues

OBJECTIVE

1. To communicate important issues of corporate sustainability work.
2. To encourage personnel in the Metropolitan Project at all levels to participate in activities.

TARGET

1. Operational level employees and labor contractors gain knowledge and understanding from attending the activity base at a high level.
(Questionnaire / QR CODE)
2. Participants were at a high level of overall satisfaction with the event (Questionnaire / QR CODE)
3. Operational level employees and morning shift labor contractors Participate in activities not less than 70%
4. Department managers and department managers join as STAFF to organize activities of not less than 90%.

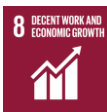




INNOVATION MANAGEMENT

(GRI 103-1, 103-2, 103-3)

SUPPORTING THE SDGs



SDG 8

Decent Work and Economic Growth

8.2 Achieve higher levels of economic productivity through diversification and innovation



SDG 9

Industry, Innovation and Infrastructure

9.5 Increase research and technological capabilities of industrial sectors

9.B Support domestic technology development and industrial diversification



SDG 17

Partnership for the Goals

17.17 Support effective partnerships

OPPORTUNITIES AND CHALLENGES

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 Rice Business Transportation and Service 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

2030 GOALS

Cost saving from the project to reduce costs ,
increase efficiency and innovation.

100
Million Baht

KEY OPERATING RESULTS IN 2022



ECONOMICAL RESULTS FROM THE PROJECT TO REDUCE COSTS AND INCREASE EFFICIENCY


88.60 Million Baht



THE NUMBER OF INNOVATORS WHO HAVE INVENTED INNOVATIVE PROJECTS, REDUCED COSTS AND INCREASE EFFICIENCY


9.82% of all employees (185 Innovator)

RESEARCH & DEVELOPMENT INVESTMENTS




12 persons

Number of R&D




1 center

R&D Center




12.58 million THB

R&D Spending




2 Issues

Patents and Petty Patents



185 persons

C.P. Group ‘Innovators’



88.60 million THB

Savings from the Cost Productivity Improvement Program and 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. C.P. Intertrade Co., Ltd. and companies in the Rice Business Transportation and Service 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, 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

1 CP INNOVATION POLICY



2 KCP INNOVATION POLICY

- Vision / goal
- Working group structure
- Budget / Resource

6 INNOVATION Meeting

- Factory: Efficiency Committee
- Business group: CPI AWARD Committee
- CP Group : CP Innovation Committee



Policy formulation of innovation management

3 INNOVATION THINKING

- Create Awareness



Innovator

- 3 High 1 Low Project
- One Day Satisfaction Project



Policy-based innovation

4 KCP INNOVATION System

New idea

Consider the opportunity / risk

Knowledge

KM

Test / Action

5 INNOVATION EVALUATION

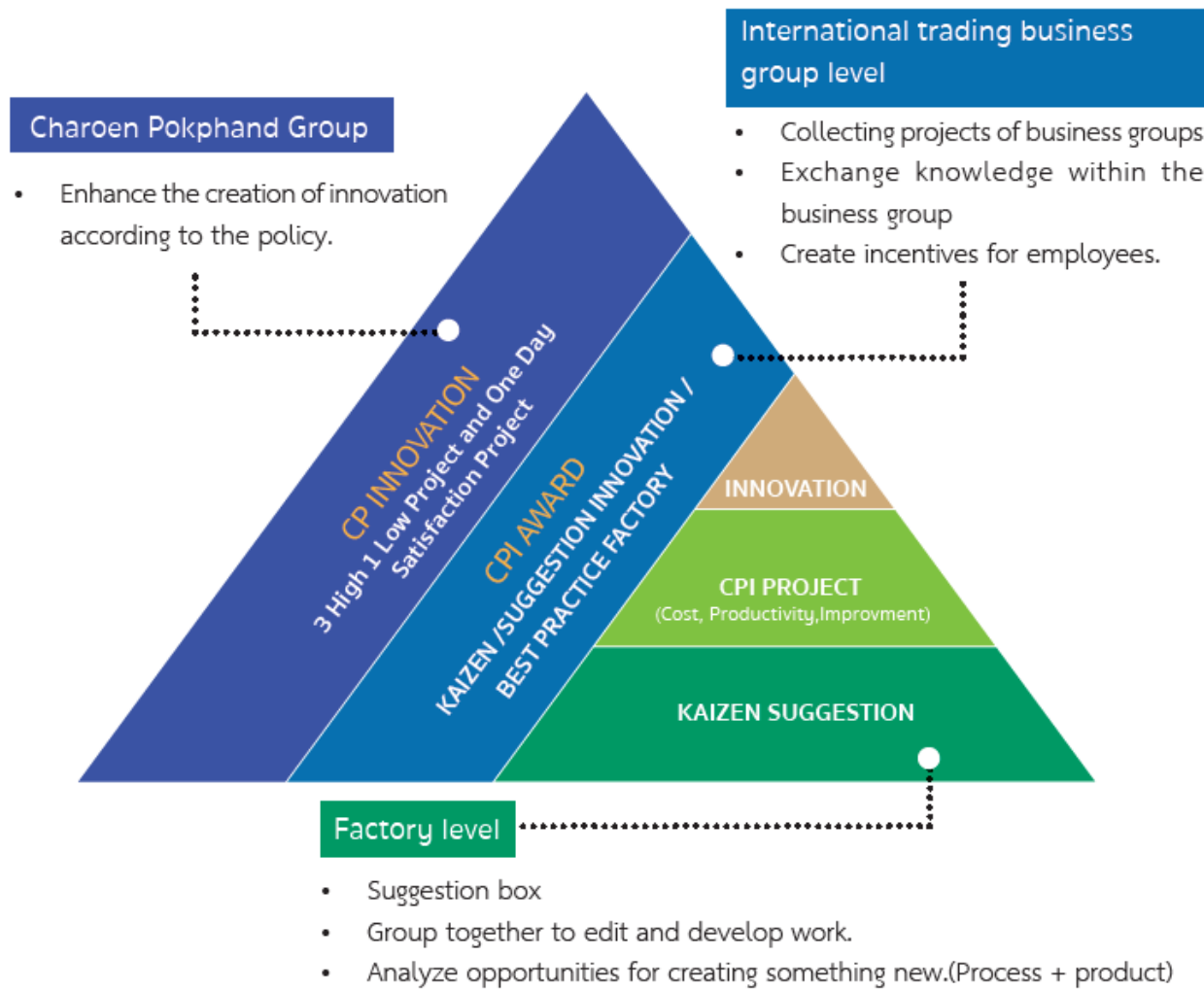
- New process
- New product



CREATING AN INNOVATIVE ORGANIZATION

C.P. Intertrade Co., Ltd. and companies in the Rice Business Transportation and Service community recognizes the importance of cultivating and creating a positive attitude towards creation, innovation and development 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 works will be developed and upgraded to the Group’s innovation competition.



ONE DAY SATISFACTION PROJECT

From the goal of bringing values to action through a One Day Satisfaction Project by initiation Improve their own creativity which gives employees an attitude of accepting change. Satisfied with the present success in just one day and always looking for ways to work in the present. By creating new things, making difficult things easy or do it quickly and with quality to create benefits for oneself outside company or society. However, the business group has encouraged employees to invent projects in 3 forms as follows:



KAIZEN SUGGESTION



CPI PROJECT



INNOVATION

This concept has helped employees develop a more concrete understanding of the Group's values, and a core part of this Project involves encouraging employees to participate more actively in projects. Afterwards, participating employees receive scores that go towards the criteria for recognizing them as a Group 'Innovator.'

The One Day Satisfaction Project is now in its third year, and as of year-end 2022, a total of 359 employees participated in 514 work improvement projects. The participating employees also collected scores to become 'Innovators,' resulting in a total of 185 'Innovators' from all levels. Likewise, it has enabled employees to adopt a good perspective on improving their own work through new ideas and methods. This is the idea of putting values into practice, which is one of the essential foundations for becoming an innovative organization.

PROJECT

514

project

**'INNOVATOR'
SUPPORTERS**

140

persons

> 10 Score

INNOVATOR 1

43

persons

> 50 persons

INNOVATOR 2

2

persons

> 135 persons

PD Award and honor innovators within the organization

Crop Integrated business, rice, transportation and services Believe in creativity and continuous innovation development It will lead to sustainable business growth.

Mr. Prasit Damrongchitanon, Vice Chairman of the Board Crop Integrated business, rice, transportation and services Chaired the opening ceremony of the PD Award project and honored innovators within the organization. along with giving the idea that According to the values of creating new things of the Charoen Pokphand Group, the business group Therefore, the PD Award project has been organized to encourage employees to join in creating innovations. along with creating a culture of knowledge exchange To move towards sustainable business growth in economic, social, and environmental aspects.

PD Award



“Innovation development It's not just a matter of policy. But it should be a part of us. In addition to reducing costs and increase work efficiency It also leads to the development of new knowledge. that has sustainable benefits to the organization, society, and stakeholders.”



Mr. Sumet Pinyosanit, Chairman of the Executive Board Integrated plant business Added that Everything around us can be developed into innovation. It starts with interest and action. Don't let fear makes us not dare to think or do something different And congratulations to all the innovators who participated in creating new things that are beneficial to the organization and society.

At the event, Mr. Sayan Hongsa, Chief Operating Officer Honored to present a certificate To honor business innovation Those who passed the final round of the “CHAIRMAN AWARD” in the Buaban Innovation Project, all 5 projects are: Supreme bundle packaging project, an innovative project using satellite imagery to conserve natural resources and the environment. In the area of Sri Lanna National Park, soil plus organic plant material project, animal feed corn project. For areas behind rice fields, the CP.639 variety and the Thian Sawan sticky corn project are short-lived crops, a new choice for farmers.

Then Mr. Adisak Pramuanmitra, Deputy Managing Director of Administration Honored to present certificates of honor to 5 Innovators 2: Mr. Mongkol Wangmano, Ms. Pornnapa Khao Mak, Ms. Chalita Samranjai, Ms. Denduean Phuethuekul and Ms. Sirilak Jenkarwanit.

INNOVATION PROJECT

Synergy With Strategic Partner Is C.P. Engineering (Cpe) Under Charoen Phokaphand Group To Research And Development Innovation, They Are Have 45 Years Of Experience In Rice Milling Machinery And Is Agent Of Satake Company From Japan Which Is The World's Leading Rice Milling Machine Manufacturer



CPI
TRADING



Charoen Pokphand
Engineering Co.,Ltd.

KEY SUCCESS

DRYER



INCREASE DRYING YIELD

RICE MILLING



INCREASE MILLING YIELD

RICE REFINING & PACKING



- FULLY AUTOMATIC PACKING
- PACKAGING INNOVATION



SOLUTION : DRYER SECTION

Increase Drying Yield By Automatic Dryer

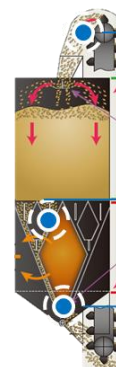
Increase Yield 0.8%, Target Cost Saving In 2023 Of 315,000 Usd

BEFORE



MEASUREMENT AND ADJUST PARAMETER BY OPERATOR
STANDARD DEVIATION OF PADDY MOISTURE CONTENT $\pm 1\%$

AFTER



AUTAMATIC PADDY FEED

CONTROL TEMPERATURE OF AIR DRYER

MEASUREMENT PADDY MOISTURE CONTENT WITH SENSOR

MEASURE PADDY MOISTURE CONTENT WITH SENSOR AND AUTOMATIC ADJUST PARAMETER
STANDARD DEVIATION OF PADDY MOISTURE CONTENT $\pm 0.2\%$

SOLUTION : RICE MILL SECTION

Increase Milling Yield +2% By Inverter System For Adjust The Milling Speed To Suite The Type Of Rice

Target Cost Saving In 2023 Of 400,000 Usd



INVERTER SYSTEM

Adjust the milling speed to suit the type of rice.



WHITENER MACHINE

SOLUTION : RICE REFINING AND PACKING SECTION

Fully Automatic High-performance By Using The Multi-technology For The Packing, Loading.

INCREASE AUTO PACKING & PALLETIZING

53 % → 70 %

INCREASE PALLET LOADING

67 % → 75 %



REDUCE LABOR COSTS IN PACKAGING.
REDUCE EXCESS WEIGHT COSTS.
REDUCE LABOR COSTS IN LOADING.

TARGET COST SAVING IN 2023

200,000 USD

SOLUTION : PACKAGING INNOVATION

Resized Packaging For 5 Kg Bag



REDUCED USING PLASTIC

62.02 MT/years

TARGET COST SAVING IN 2023

300,000 USD



STAKEHOLDER ENGAGEMENT

(GRI 102-21, 102-40, 102-42, 102-43, 102-44, 413-1)

SUPPORTING THE SDGs



SDG 16
Peace, Justice, and Strong Institutions

16.7 Ensure responsive, inclusive, participatory, and representative decision-making at all levels



SDG 17
Partnerships for the Goals

- 17.6 Enhance the global partnership for sustainable development
- 17.7 Encourage and promote effective partnerships

OPPORTUNITIES AND CHALLENGES

Comprehensive stakeholder engagement is at the heart and is incorporated into the strategic development of all companies in C.P. Intertrade Co., Ltd. and companies in the Rice Business Transportation and Service 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.

2030 GOALS

Multi-stakeholder engagement surveys score positively.

80%

KEY OPERATING RESULTS IN 2022



ALL COMPANIES

14 Stakeholder groups are defined and looking for needs and expectations.



ENGAGEMENT WITH KEY STAKEHOLDERS FROM THE SURVEY

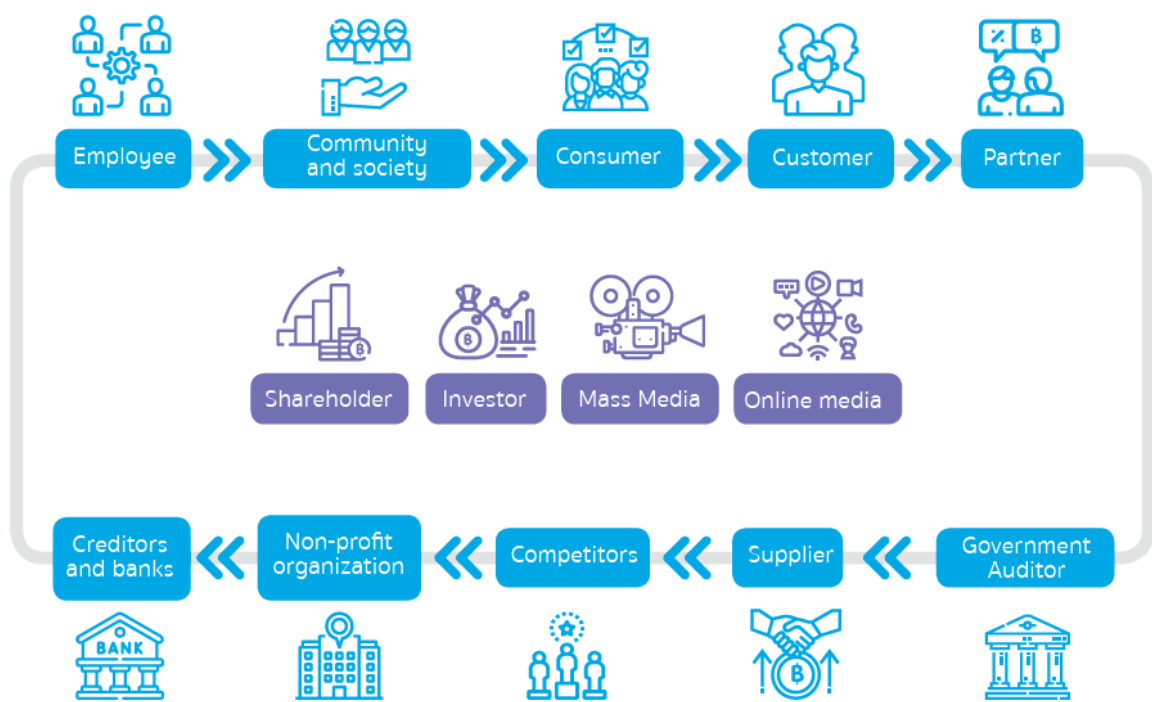
78% of engagement score of multi-stakeholder perception survey

STAKEHOLDER PERCEPTION SURVEY

MANAGEMENT APPROACH

C.P. Intertrade Co., Ltd. and companies in the Rice Business Transportation and Service centers on maintaining a balance between crediting value and building relationship and trust between all stakeholder groups and the organization. The Group places importance in listening to, engaging and cooperating with all stakeholders while combining and analyzing these issues with relevant external issues to drive positive changes. Furthermore, we have collaborated with world-class partners to enhance our management capacity, apply of appropriate practices, and share of knowledge and resources that create benefit throughout the value chain.

In 2021, C.P. Intertrade Co., Ltd. and companies in the Rice Business Transportation and Service has conducted the Stakeholder Perception Survey on sustainability management on all business groups for the first time. The survey results were used to review the organization’s strategy and operations to better align with stakeholders’ interest and expectations as well as increase opportunities for cooperation to create sustainable values.



Stakeholder Perception Survey of Business Groups under C.P. Intertrade Co., Ltd. and companies in the Rice Business Transportation and Service 2021 Survey conducted during February - April 2022 with the following survey objectives:

- To assess the quality of intercompany engagement with stakeholders
- To use the survey results to develop strategies for building engagement with the company's stakeholders to be more in line with expectations

STAKEHOLDER ENGAGEMENT FRAMEWORKS

As a strategic strategy to create meaningful engagement and collaboration with our stakeholders across the value chain, C.P. Intertrade Co., Ltd. and companies in the Rice Business Transportation and Service has implemented a stakeholder engagement framework in compliance with the AA1000 Stakeholder Engagement Standard. The framework's three core concepts are inclusiveness, materiality, and responsiveness.

C.P. Intertrade Co., Ltd. and companies in the Rice Business Transportation and Service assessed the key stakeholders who are expected to be affected during this reporting period. There are 14 stakeholder groups, the same number as previous year. Furthermore, in order to stimulate meaningful engagement with stakeholders, the Group has created a stakeholder engagement guideline in accordance with the AA1000 standard, which applies to all of our Group's operations.

INCLUSIVENESS

People should have a say in the decisions that impact them.

1

MATERIALITY

Decision makers should identify and be clear about the sustainability topics that matter.

2

RESPONSIVENESS

Organisation's response to stakeholder issues that affect its sustainability performance.

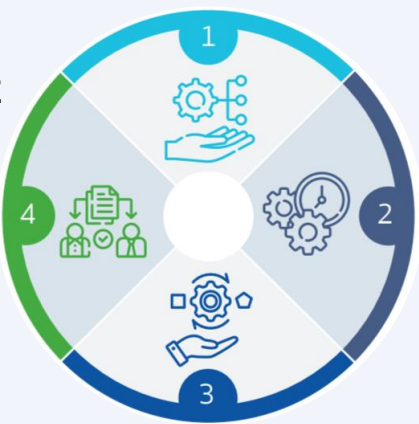
3

- Identify and prioritize stakeholder groups
- Determine engagement methods
- Establish and communicate boundaries of disclosure
- Draft engagement plan

PLAN

ACT, REVIEW AND IMPROVE

- Monitor and evaluate engagement through survey
- Develop and follow up on action plan
- Report engagement to the public



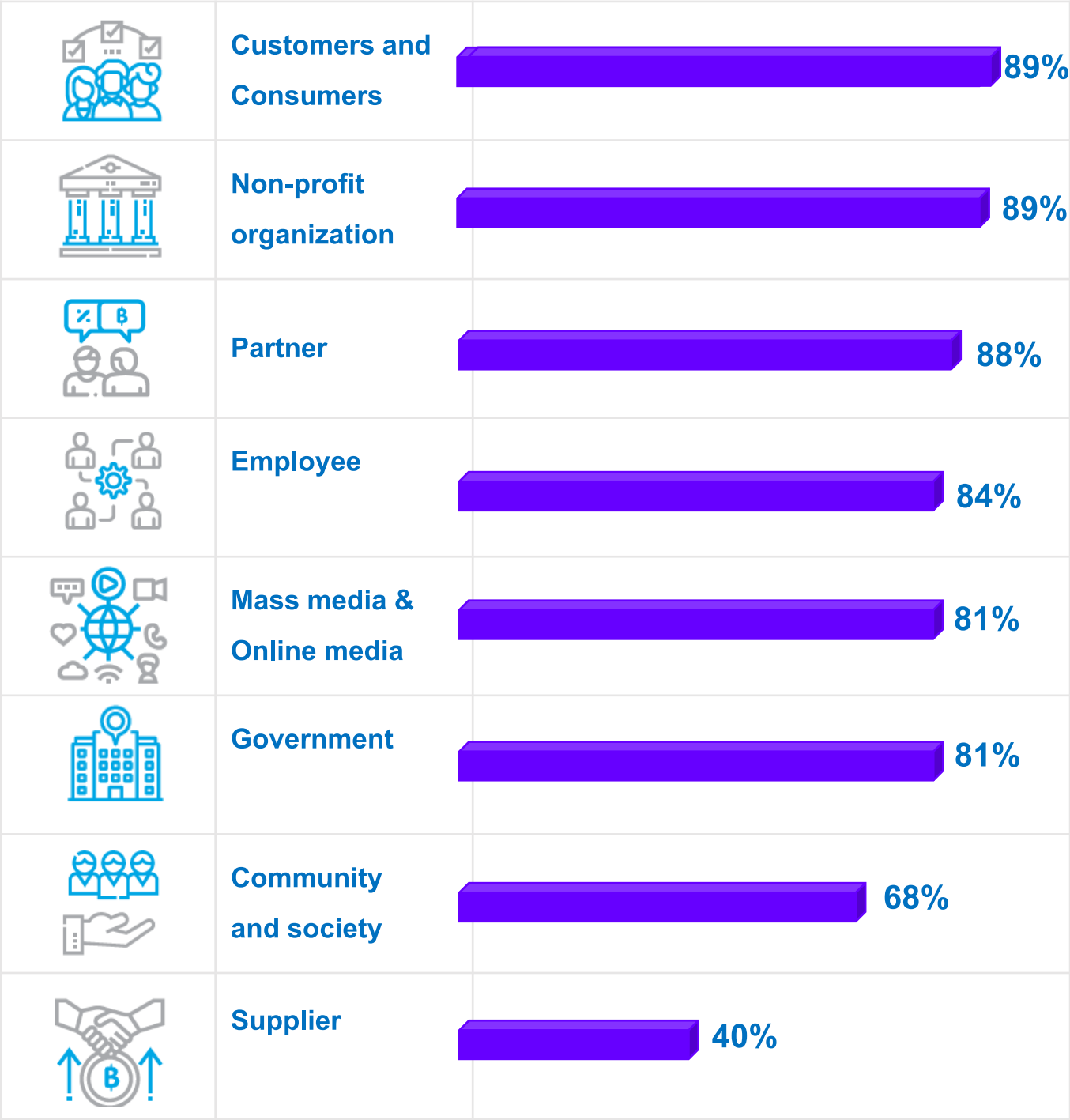
PREPARING

- Mobilize resources according to plan
- Build engagement capacity
- Identify and prepare for engagement risks

IMPLEMENT

- Organize engagement activities according to plan
- Record performance
- Identify and prepare for engagement risks

SURVEY RESULT 2022



OVERALL
ENGAGEMENT
RESULT

78 %

In 2022, C.P. Intertrade Co., Ltd. and companies in the Rice business Transportation and Service has commenced the formulation of the 2030 Sustainability Strategy. An in-depth stakeholder engagement survey has been conducted by an external consultant. The scope of the survey covered C.P. Group's core businesses both in Thailand and overseas. The survey employed methods such as in-depth interviews, discussions with the target audience, and quantitative opinion surveys in order to accurately learn about the needs and key concerns of each stakeholder groups. This has been carried out in addition to the customary process to gather information on stakeholder needs and expectations by the designated authority.

The process of preparing the Sustainability Report for the year 2021 of CP Intertrade Co., Ltd. and companies in the Rice business Transportation and Service, we create stakeholder engagement at the business level by reviewing the issue of hearing from stakeholders from the year 2021 through various mechanisms to examine the issues of sustainable development of the organization and listen to the opinions, suggestions and expectations of different groups so that we understand the common issues that stakeholders share the same opinion. and has been planned to respond to such issues as well as pushing for continuous improvement of operations and to meet the expectations of interested stakeholders and different expectations, the business group therefore creates a channel for stakeholder participation. Through a communication mechanism that facilitates the relationship exchange views the communication frequency of each group will vary according to plans and needs as shown in the following table:

Our Stakeholders	Digital Communication or Reports	Meetings, Discussions, Activities, Collaborative Projects	Complaints or Suggestions Channels	Academic Service and Counselling Center	Satisfaction Survey
Employee	●	●	●	●	●
Customer	●	●	●	●	●
Consumer	●	●	●	●	●
Partner	●	●	●	●	
Community and society	●	●	●	●	●
Government Auditor	●	●	●		
Shareholder	●	●	●		
Investor	●	●	●		
Supplier	●	●	●	●	
Mass media	●	●	●		
Online media	●	●	●		
Non-profit organization	●	●	●		
Competitors	●	●	●		
Creditors and banks	●	●	●		

● At least once a year

● Monthly

● At all time

STAKEHOLDER ENGAGEMENT

STAKEHOLDER GROUP	METHOD OF ENGAGEMENT	ISSUES OF INTEREST	MATERIALITY ISSUES	RESPONSE	BENEFITS RECEIVED BY STAKEHOLDERS
Employee	<ul style="list-style-type: none"> Intranet, CPTG & CROP Connect Mobile Applications E-mail and Social Media Meetings with executives Activities of the Welfare Committee and Safety Committee Satisfaction and engagement surveys Feedback and grievance channels 	<ul style="list-style-type: none"> Compensation, benefits, and remuneration Career progression Work environment Occupational health and safety 	<ul style="list-style-type: none"> Corporate governance Human rights & labor practices Leadership & human capital development 	<ul style="list-style-type: none"> Treat employees with respect for human rights principles Continuously develop employees' capability Retain good and talented employees Develop a human resources management system Comply with Thai labor standards Enact the Safety, Occupational Health and Workplace Policy and Guidelines 	<ul style="list-style-type: none"> Employees receive appropriate training Leadership training and development Grievances and whistle-blowing management Assessments on safety, occupational health and work place environment
Community and society	<ul style="list-style-type: none"> Sustainability Report Opinion survey and listening to recommendations Grievance channel Dialogues and regular visits Activities to promote quality livelihoods 	<ul style="list-style-type: none"> Business impacts on societies, communities, and the environment Engagement in promoting community Livelihoods Fair complaints process Transparent and efficient communications on performance 	<ul style="list-style-type: none"> Social impact Climate change management Water stewardship Ecosystem & biodiversity protection 	<ul style="list-style-type: none"> Control efficiency of the pollution prevention system Support to increase the quality of life and generate income for the community Leverage the Company's competitive advantages as tools to create positive impacts and mitigate negative impacts on societies 	<ul style="list-style-type: none"> Initiatives that create values for society Climate change management Water stewardship Ecosystem and biodiversity protection
Consumer/ Customer	<ul style="list-style-type: none"> Consumer center Feedback and grievance channels Customer surveys and interviews Meetings and site visits Websites, E-Mail and Social Media 	<ul style="list-style-type: none"> Good product quality and suitable price Food Safety Product traceability Post-sale information about products and services Personal data privacy 	<ul style="list-style-type: none"> Health & well-being Ecosystem & biodiversity protection 	<ul style="list-style-type: none"> Develop products and services that meet quality and safety standards Help consumers understand products and services through product labeling, and protect customer data privacy Develop a product traceability system 	<ul style="list-style-type: none"> Commitment to quality production processes Product labels, website, and direct consumer hotline Raw material sourcing and traceability
Partner	<ul style="list-style-type: none"> Site visits and joint meetings Partner development training courses Supplier capacity-building projects, partnerships, and joint innovation development Assessments, consultations, and technical Services Grievance channel 	<ul style="list-style-type: none"> Fair business practices Business Equality Supplier capacity-building Human rights and environmental impacts in the supply chain 	<ul style="list-style-type: none"> Corporate governance Responsible supply chain management 	<ul style="list-style-type: none"> Continuously develop supplier partnership projects Develop criteria for supplier assessment according to the Sustainable Procurement Policy Communicate with suppliers to help them understand requirements Treat all suppliers equally and fairly according to business agreements/Business Code of Conduct 	<ul style="list-style-type: none"> Supplier capacity-building Communications on the Supplier Code of Conduct Operations based on the foundations of ethics and transparency

STAKEHOLDER ENGAGEMENT

STAKEHOLDER GROUP	METHOD OF ENGAGEMENT	ISSUES OF INTEREST	MATERIALITY ISSUES	RESPONSE	BENEFITS RECEIVED BY STAKEHOLDERS
Shareholder / Investor	<ul style="list-style-type: none"> Meetings and roadshows Site visits to operational units Sustainability Report Grievance channel 	<ul style="list-style-type: none"> Corporate Governance Complete, transparent, and efficient performance disclosures Enhancing competitiveness and business direction 	<ul style="list-style-type: none"> Corporate governance 	<ul style="list-style-type: none"> Operate in compliance with laws, corporate governance principles, objectives, company's regulations, and decisions of the Shareholders Comply strictly with the creditor's conditions Listen to the recommendations and reflections from shareholders and investors Collaborate with relevant agencies to improve operational efficiency 	<ul style="list-style-type: none"> Good corporate governance Corporate sustainability management
Mass Media/ Online media	<ul style="list-style-type: none"> Communications through all formats/channels Media visits to operational units Press conferences and regular media interviews Support and engagement in media activities Grievance channel 	<ul style="list-style-type: none"> Corporate governance Complete, transparent, and efficient performance disclosures Business impacts on societies, communities, and the environment Social projects 	<ul style="list-style-type: none"> Stakeholder engagement 	<ul style="list-style-type: none"> Engage media to strengthen good relations Provide factual, useful, and timely information for official communication to the public Monitor news reports to inform future operational approach 	<ul style="list-style-type: none"> Useful and timely information based on facts Good relations with the organization Support and participate in media activities
Government Auditor	<ul style="list-style-type: none"> Meetings and visits on various occasions Collaboration and support for initiatives, project development, and beneficial activities Grievance channel 	<ul style="list-style-type: none"> Compliance to relevant laws and regulations Being a model business for social and environmental responsibility Complete, transparent, and efficient performance disclosures 	<ul style="list-style-type: none"> Corporate governance 	<ul style="list-style-type: none"> Monitor and strictly comply with all relevant laws and operating guidelines Collaborate on and support initiatives, and develop projects and activities that will benefit the country Communicate and disclose performance in a complete, transparent, and efficient manner, and receive recommendations for improving operational plans 	<ul style="list-style-type: none"> Good corporate governance Oversight of compliance across the Group Partnerships for sustainable development
Supplier	<ul style="list-style-type: none"> Site visits and joint meetings Supplier development training courses Grievance channel 	<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"> Corporate governance Responsible supply chain management 	<ul style="list-style-type: none"> Fair and transparent contracts Organize a course to increase the potential for supplier development Operate in accordance with human rights policy and labor practices throughout the supply chain 	<ul style="list-style-type: none"> Supplier capacity-building Communications on the Supplier Code of Conduct Operations based on the foundations of ethics and transparency

STAKEHOLDER ENGAGEMENT

STAKEHOLDER GROUP	METHOD OF ENGAGEMENT	ISSUES OF INTEREST	MATERIALITY ISSUES	RESPONSE	BENEFITS RECEIVED BY STAKEHOLDERS
Competitors	<ul style="list-style-type: none"> Meetings with third party organizations such as the Federation of Thai Industries News and information obtained through public media and forums Grievance channel 	<ul style="list-style-type: none"> Compliance with ethics of competition, laws, and trade regulations Equitable, transparent and fair competition 	<ul style="list-style-type: none"> Corporate governance 	<ul style="list-style-type: none"> Adhere to the rules/ethics of competition and establish a monitoring mechanism to ensure that there is no conduct associated with gaining trade secrets from competitors Prohibit any actions to defame competitors' reputation based on unfounded facts 	<ul style="list-style-type: none"> Good corporate governance Anti-corruption
Non-profit organization	<ul style="list-style-type: none"> Regular feedback and dialogues Support collaboration through networks as appropriate Site visits to operational units Grievance channel 	<ul style="list-style-type: none"> Impacts of business operation on societies, communities, and the environment Social projects Complete, transparent, and efficient performance disclosures to the public 	<ul style="list-style-type: none"> Human rights & labor practices Social impact Ecosystem & biodiversity protection 	<ul style="list-style-type: none"> Coordinate work locally to jointly address problems Listen to recommendations to inform determination of operational approach Communicate and disclose performance in a complete, transparent, and efficient manner, and receive recommendations for improving operational plans 	<ul style="list-style-type: none"> Operations that uphold human rights and labor practices Value-added initiatives for societies Ecosystem and biodiversity protection
Creditors and banks	<ul style="list-style-type: none"> Letters to creditors E-mail and Social Media Grievance channel 	<ul style="list-style-type: none"> Pay in full and on time Complete, transparent, and efficient performance disclosures 	<ul style="list-style-type: none"> Corporate governance 	<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"> Good corporate governance Anti-corruption



SOCIAL ACTIVITIES PROJECT

SUPPORT THE GOVERNMENT SECTOR TO HELP THE PEOPLE



SOCIAL ACTIVITIES PROJECT

DISASTER RELIEF AND RESTORATION

Collaborate with government agencies to support Chattra Khao to help people affected by various disasters. and join in sending out units to deliver necessary consumer goods



DISASTER RELIEF AND RESTORATION

Due to the current situation, blood donations are limited by the spread of COVID-19 in order to join the campaign for blood donations to reduce blood shortage problems in the situation of the COVID-19 epidemic.



DISASTER RELIEF AND RESTORATION

To inherit Buddhism, arrange for all areas where there are establishments to organize traditional activities with the community to create good relations and be the public benefit to the community together.



VOLUNTEER "WE DO GOOD DEEDS WITH THE HEART"

Friday 25 November 2022 Integrated plant business, rice, transportation and services Charoen Pokphand Group, led by Ms. Suriya Suriyakanon, Senior Deputy Managing Director Chemical fertilizer production factory together with Mr. Wichan Noito, Nakhon Luang District Chief Along with civil servants of Nakhon Luang Subdistrict Municipality, kamnans, village headmen, students, parents, and CSR SPIRIT volunteers, join together to "do good with the heart" and perform benefits. Trimming trees, cleaning up, and adjusting the landscape around Prasat Nakhon Luang. Phra Nakhon Si Ayutthaya Province. To develop local areas and important tourist areas which His Majesty King Rama IX He once came to worship the Buddha's footprint. Expressing devotion to His Majesty's infinite grace.



CSR SPIRIT : ROYAL VOLUNTEER

At the Volunteer School Training Center 904 (Bang Khen)

Executives and volunteer employees CSR SPIRIT integrated plant business, rice, transportation and services Charoen Pokphand Group Attend training Self-reliance learning base In line with the royal volunteer spirit "We do good deeds with our hearts", graciously bestowed hat and scarf Complete with volunteer identification card To unite the power of CP volunteers, do good deeds, and do benefits for society. The company is committed to conducting business according to the 3 Benefits resolution of the Charoen Pokphand Group.





HOME

LIVING TOGETHER



C.P. Intertrade Co., Ltd. and companies in the Rice Business Transportation and Service, 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 Argo business within the framework of this vision.

Mission and Policy : Safety, Occupational Health, Environment Energy and efficiency Therefore, setting the following environmental sustainability goals.



**CLIMATE
RESILIENCE**



CIRCULAR ECONOMY



WATER STEWARDSHIP



**ECOSYSTEM &
BIODIVERSITY
PROTECTION**



**RESPONSIBLE SUPPLY
CHAIN MANAGEMENT**



CLIMATE RESILIENCE

(GRI 103-1, 103-2, 103-3, 302-1, 302-3, 305-1, 305-2, 305-4, 306-2, 307-1)

SUPPORTING THE SDGs

OPPORTUNITIES AND CHALLENGES



- SDG 7**
Affordable and Clean Energy
- 7.2 Increase substantially the supply of renewable energy in the global energy mix
 - 7.3 Double the global rate of improvement in energy efficiency



- SDG 11**
Sustainable Cities and Communities
- 11.6 Reduce the adverse per capita environmental impact of cities



- SDG 12**
Responsible Consumption and Production
- 12.2 Achieve the sustainable management and efficient use of natural resources
 - 12.3 Halve per capita global food waste
 - 12.5 Substantially reduce waste generation



- SDG 13**
Climate Action
- 13.3 Improve education, awareness-raising and human and institutional capacity on climate change

The challenge of climate change impact, C.P. Intertrade Co., Ltd. and companies in the Rice Business Transportation and Service, Charoen Pokphand Group business has foreseen the opportunity from change to drive and support for all business groups.

A company that is committed to trying to reduce greenhouse gas emissions and continuous monitoring measures. The company is committed to climate change management. and contribute to reducing the impact on the environment. Adhering to the relevant international principles Integrated with business operations principles that focus on the impact of climate change. In addition, there is support for the government's greenhouse gas reduction mechanism. and a focus on products that have been certified for carbon labels (Carbon footprint). from this commitment, The company aims to reduce the use of plastic for packaging for reuse. Net zero carbon dioxide emissions.

2030 GOALS

Reduce Direct and indirect greenhouse gas emissions (Scope1 and Scope2)

Carbon
Neutral

KEY OPERATING RESULTS IN 2022



GREENHOUSE GAS EMISSIONS PER REVENUE
1.30 TonCO₂ per income 1 million baht

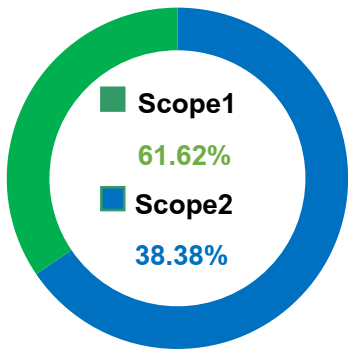


RENEWABLE ENERGY IN BUSINESS ACTIVITIES
8.59% Proportion of renewable energy

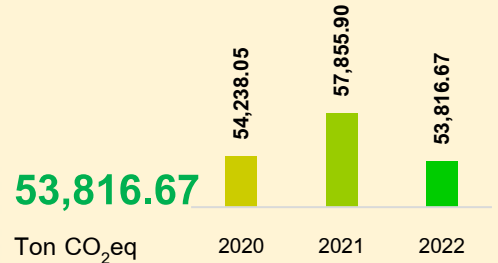
GREENHOUSE GAS EMISSION MANAGEMENT INFORMATION

2022 PERFORMANCE

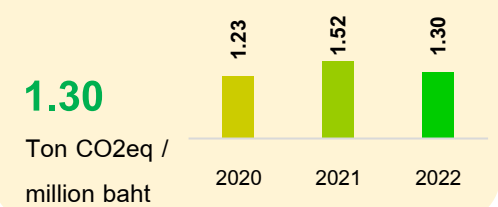
Greenhouse Gas Emission
Ratio by Scope



Greenhouse gas emissions
(Scope 1+2)



Greenhouse gas emissions per
revenues

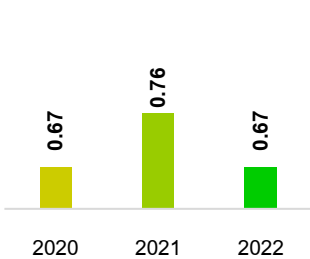


ENERGY MANAGEMENT INFORMATION

2022 PERFORMANCE

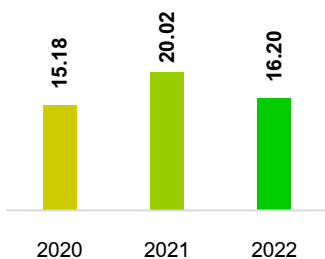
Energy consumption

0.67
Million Gigajoule

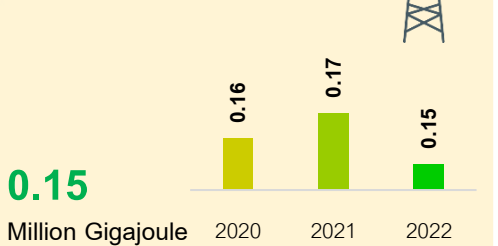


Energy consumption
per revenues

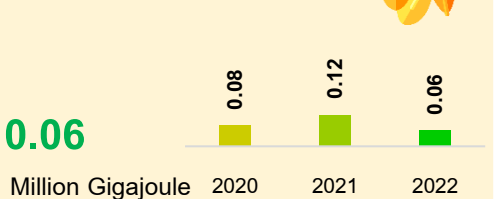
16.20
Gigajoule/ million baht



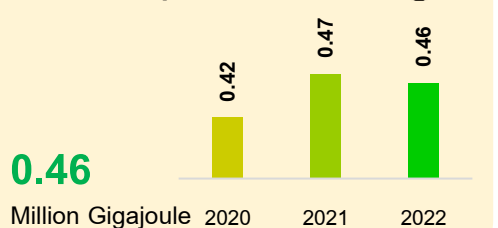
Electricity consumption



Husk consumption



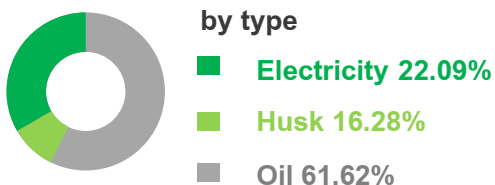
Oil consumption



Proportion of
renewable energy use

16.28%

Power consumption ratio
by type



ASSESSMENT OF CLIMATE-RELATED RISKS AND OPPORTUNITIES ACCORDING TO TCFD

The company has in place a framework for managing climate change that covers our entire supply chain. We determine policies and targets that encompass energy efficiency, renewable energy use, waste management, and reductions in plastic packaging. We further assess climate risk and opportunities, conduct scenario analyses according to the recommendations of the Task Force on Climate-related Financial Disclosures (TCFD), and develop comprehensive risk management plans that include physical, market, policy and regulatory, and reputational risks. technological

CLIMATE CHANGE MANAGEMENT FRAMEWORK



RISKS	OPPORTUNITIES
POLICY & LEGAL Policies, international regulations, and various other tools heighten control of greenhouse gas emissions according to UN requirements.	RESOURCE EFFICIENCY The efficient use of renewable energy and reduction in energy costs.
TECHNOLOGY Emerging climate change technologies may impact current marketing efforts.	ENERGY SOURCE More diverse energy sources for manufacturing operations.
MARKET Policies or investments in businesses or low-carbon products reduce the need for high-carbon emitting products.	PRODUCTS/SERVICES The increase in development of new low-carbon products and services to market, to respond to the changing needs of consumers.
REPUTATION Higher expectations of stakeholders contribute to a decrease in revenue, reputation, and brand value.	MARKET Marketing efforts that align with trends in climate change to create and enhance competitiveness.
PHYSICAL RISKS Natural disasters, changing sea levels, coastal erosion, higher incidences of drought owing to higher temperatures, the impact of warming on human fatalities, and the spread of pandemics affect both plants and animals, among others.	RESILIENCE Reputational opportunities and increase in brand value.



GOVERNANCE

Establish committees at both the Group and Business Group levels, to manage the company’s climate-related risks and opportunities.



STRATEGY

Outline a strategy for climate change management that aligns with our Group-level financial strategy and planning.



RISK MANAGEMENT

Apply risk and opportunity assessment results and integrate the local context of operations in each country to develop climate change management approaches.



METRICS & TARGETS

Determine indicators and targets for assessing and managing climate related risks and opportunities that align with the Group’s risk management.

*Task Force on Climate-related Financial Disclosures (TCFD)

GUIDELINES FOR MANAGING GREENHOUSE GAS EMISSIONS



GOAL

GOAL ENVIRONMENTAL INFORMATION THAT SUPPORTS THE COMPANY'S OPERATIONS ACCORDING TO VARIOUS COMMITMENTS ON CLIMATE CHANGE



ACTIVITIES

Life Cycle Environmental Impact Data

Baseline emission data from food loss and food waste data in Rice and Corn planting

Food loss and food waste in the production supply chain



OUTPUT

Determine the system scope and goals of the LCA study

Analyze the inventory data on the given reference unit

Assess the environmental impact of the product

Prepare a report showing the list of items and environmental impact values

Organize a small group discussion with the Company's coordinator and the owner of the information

Collecting and analyzing soil samples and GHG from pilot plots of the company (rice and corn)

Use the SMART GHG app. Collect samples of plant cultivation activities.

Compare the measured emissions and values obtained by using SMART GHG app.

Define the conceptual framework, theories, models used in operations.

Conducting tests in the field and laboratory

Store and collect information.

ASSESSING ENVIRONMENTAL IMPACTS THROUGHOUT THE LIFE CYCLE OF RICE CULTIVATION IN PILOT PLOTS

JASMINE RICE 105



FARMER 30 PEOPLE

- Yasothon 6 farmer 135 rai
- Sisaket 9 farmer 225 rai
- Phayao 15 farmer 484 rai



PRODUCT YEAR 2022

- Average yield 625 kg./rai
- Average yield Yasothon 514 kg./rai
- Average yield Sisaket 512 kg./rai
- Average yield Phayao 751 kg./rai
- Maximum yield 1,032 kg./rai
- Lowest yield 333 kg./rai



LIFE CYCLE ASSESSMENT

- Cradle to Gate
- FU Jasmine rice 105 : 1 kg

Average annual rice production (2014 – 2016) in general rice fields outside the irrigation area (TGO, 2018)

- Yasothon 340 kg/rai
- Sisaket 352 kg/rai
- Phayao 461 kg/rai

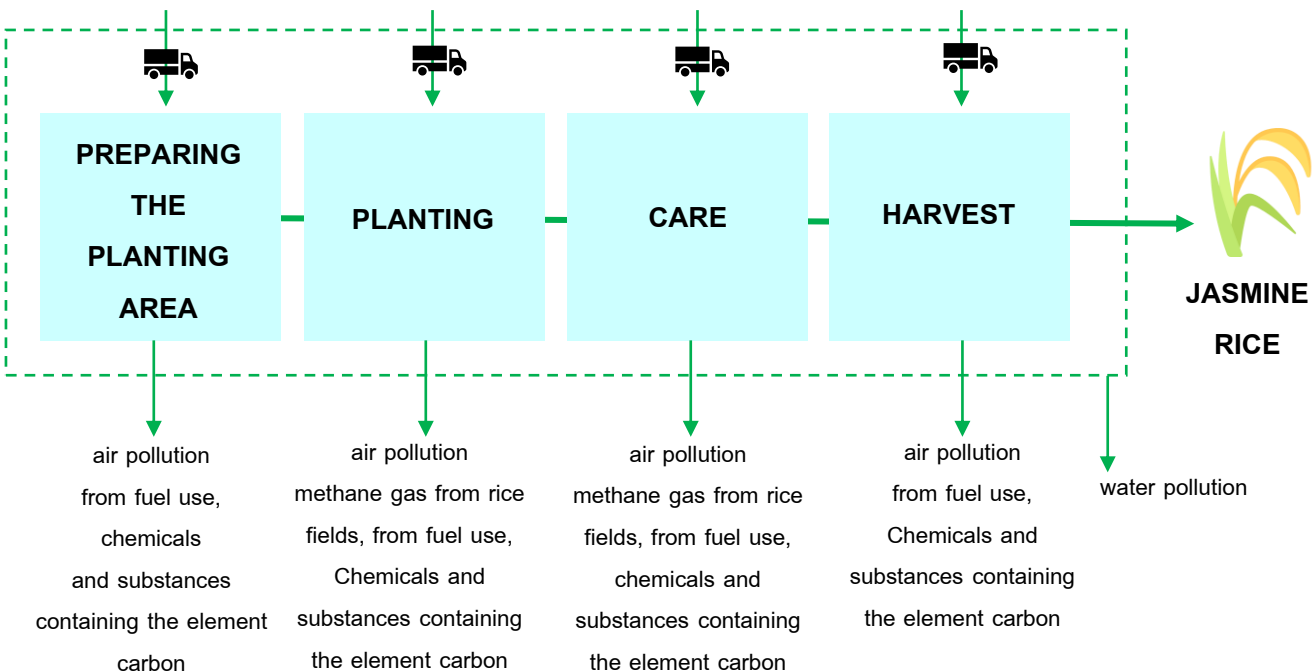
SCOPE OF STUDY

- soil improver
- organic fertilizer
- chemicals
- fuel

- seed
- chemicals
- fuel

- chemical fertilizer
- chemicals
- fuel

- fuel



ENVIRONMENTAL IMPACT OF PRODUCING
1 KILOGRAM OF JASMINE RICE.

IMPACT TYPE	UNIT	IMPACT					
		AREA PREPARATION	PLANTING	CARE	GHG FROM RICE FIELDS	HARVEST	TOTAL
Global Warming	kg CO ₂ eq	0.38	0.17	0.071	1.49*	0.024	2.14
Ozone depletion	kg CFC-11 eq	1.9E-07	8.6E-08	3.7E-08		8.4E-09	3.21E-07
Terrestrial Acidification	kg SO ₂ eq	0.0017	0.00053	0.00090		3.0E-05	0.0032
Freshwater Eutrophication	kg P eq	0.0016	1.4E-05	0.0016		3.0E-08	0.0032
Human carcinogenic toxicity	kg 1,4-DB eq	0.53	0.12	0.16		0.0072	0.82
Human non-carcinogenic toxicity	kg 1,4-DB eq	0.00025	0.00013	6.6E-05		5.6E-06	0.00045
Terrestrial ecotoxicity	kg 1,4-DB eq	0.00070	0.0003	0.00024		9.4E-06	0.0012
Freshwater ecotoxicity	kg 1,4-DB eq	0.017	0.0051	0.0062		0.00028	0.029
Land use	m ² a crop eq	0.0034	0.0057	0.0016		1.5E-05	0.011
Water consumption	m ³	0.0012	0.0013	0.00038		7.7E-06	0.0029



**Calculate greenhouse gases generated in rice fields.
(according to the manual IPCC Guidelines 2006 and 2019
Refinement to the 2006 Tier 1)*

CARBON FOOTPRINT OF PRODUCTS : CFP

A project of analyzing and evaluating the amount of greenhouse gas emissions from its products. throughout a product's life cycle, beginning with raw material sourcing, and continuing with transportation, assembly, and use, and finally to the end-of-life treatment of the product. It is calculated in the form of carbon dioxide equivalents. This is a comprehensive approach to environmental impact mitigation management. aim to reduce the impact to the point Charoen Pokphand Group has adopted the concept of environmental impact assessment throughout the life cycle in the field of climate change. and apply for the Carbon Footprint of Product label from the Greenhouse Gas Management Organization. (Public Organization), from 2010 until the present. There are 4 products in operation as follows:



JASMINE RICE

20 kg



3.97

kCO₂/kg rice

WHITE RICE

15 kg



2.47

kCO₂/kg rice

JAPANESE RICE

2 kg



2.20

kCO₂/kg rice

RICE RD 43

5 kg



2.47

kCO₂/kg rice



CIRCULAR ECONOMY

(GRI 103-1, 103-2, 103-3, 306-1, 306-2, 306-3, 306-4, 306-5)



SDG 11
Sustainable Cities and Communities

11.6 Reduce the adverse per capita environmental impact of cities



SDG 12
Responsible Consumption and Production

- 12.2 Achieve the sustainable management and efficient use of natural resources
- 12.3 Halve per capita global food waste
- 12.5 Substantially reduce waste generation

C.P. Intertrade Co., Ltd. and companies in Rice Business Transportation and Service is committed to work that focuses on careful resource management so that no part will be wasted products and materials are stored, reused, remanufactured and recycled as long as those resources are used in the most efficient way to create added value to the waste that occurs do not manage waste by landfill and develop new sustainable packaging design guidelines with the goal of companies in the business group ((1) Reduce the amount of food waste to zero (Zero Food Waste), (2) no general waste disposal by landfill (Zero Waste to Landfill), and (3) all used plastic packaging can be recycled. reusable, reusable or biodegradable.

2030 GOALS

Zero food and waste to landfill and all plastic packaging are recyclable, reusable or compostable

100%

Reduction in waste management in agricultural areas

50%

KEY OPERATING RESULTS IN 2022



Announcement of the circular economy policy food waste reduction policy and food waste sustainable packaging policy and waste management policy.



Modify waste data reporting according to GRI 306: WASTE (2020)



Create a baseline on the loss in the production supply chain. (Food Loss)

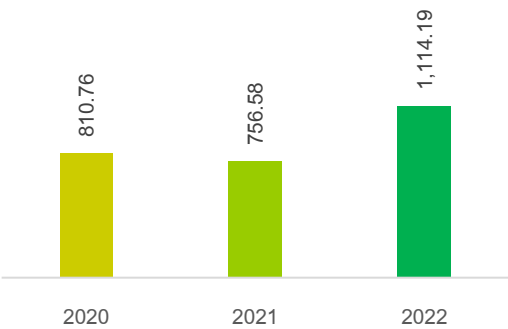
WASTE MANAGEMENT INFORMATION

2022 PERFORMANCE

Total weight of waste generated

1,114.19

Ton



The amount of waste classified by type



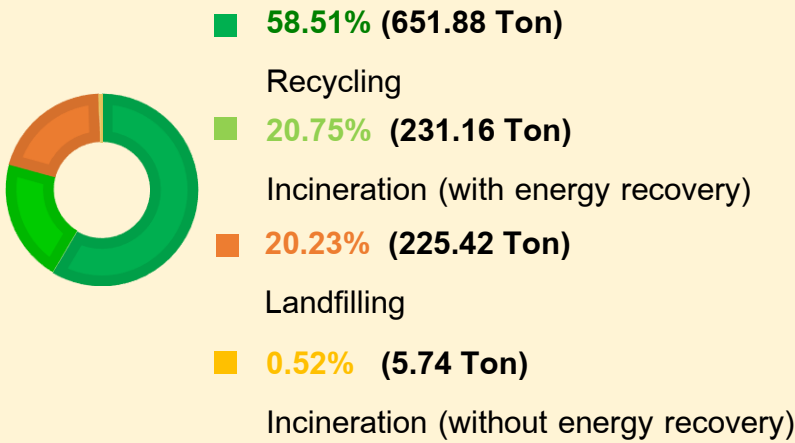
Hazardous waste

0.24% : 2.69 Ton

Non-hazardous waste

99.76% : 1,111.50 Ton

Separated by waste management methods



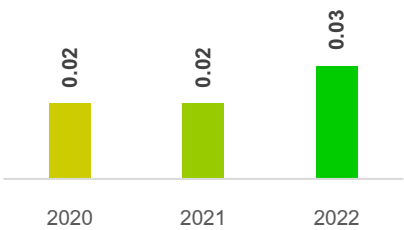
***Note 1 :**

- 1. All waste is processed offsite.
- 2. The amount of the company's waste Ayutthaya Port and ICD operate together with Khao C.P. (Nakhon Luang Rice Factory).
- 3. The waste management process employs waste disposal contractors licensed by the government, namely, Better World Green Public Company Limited, Professional Waste Technology (1999) Public Company Limited.

The amount of waste per revenue

0.03

Ton/ million baht

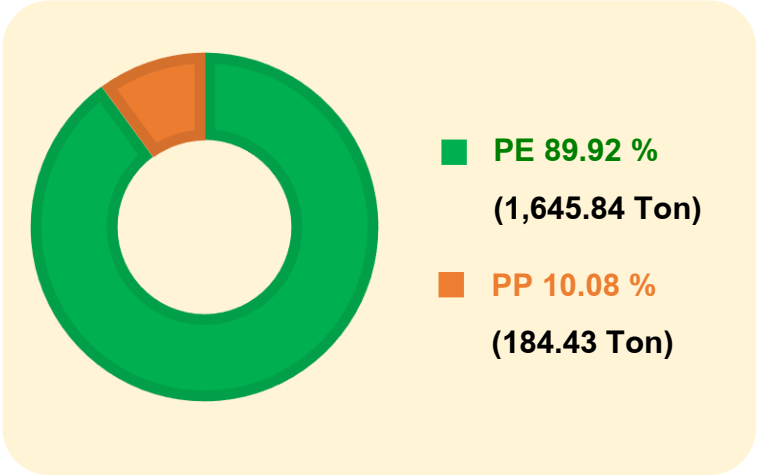
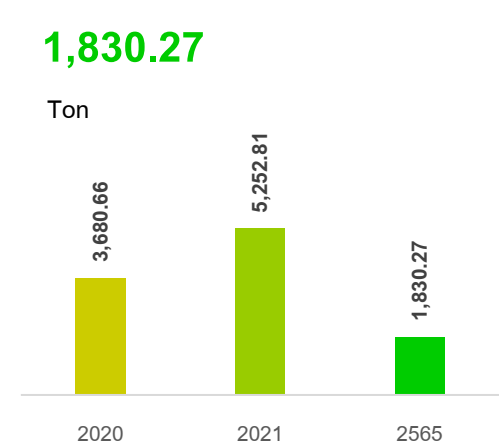


***Note 2 :**

Dynamic Transport Co., Ltd. and Advance Transport Co., Ltd. have insignificant amounts of waste, so they are not taken into account and total income of Rice Business Transportation and Services for all 8 companies.

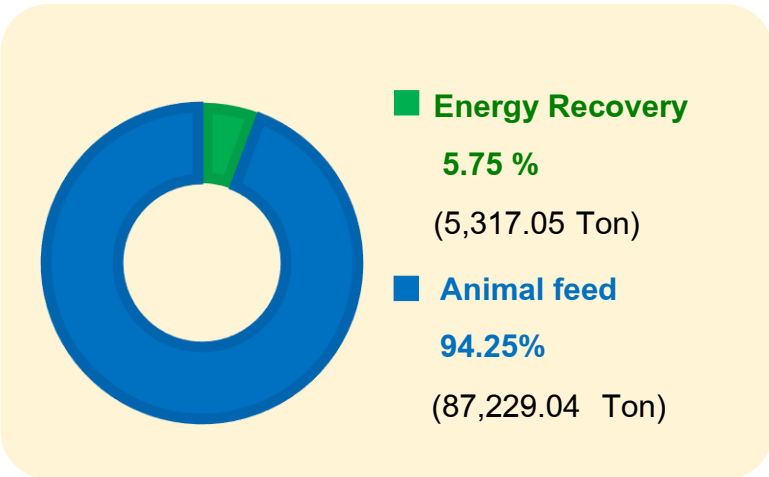
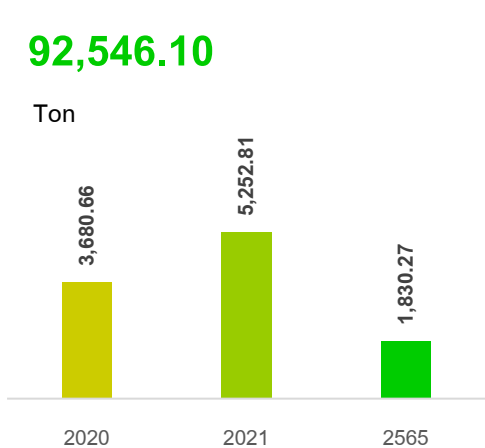
SUSTAINABLE PLASTIC PACKAGING INFORMATION

2022 PERFORMANCE



FOOD LOSS INFORMATION

2022 PERFORMANCE



WASTE MANAGEMENT

Waste management is an important aspect of all process along C.P. Intertrade Co., Ltd. and companies in the Rice Business Transportation and Service Charoen Pokphand Group's value chain. In 2022, the Group announced the implementation of the Waste Management Policy, which is part of the Group's Environmental Policy and Guidelines, providing direction for all business groups to strive towards achieving the zero-food waste and zero waste to landfill goal by 2030. Waste management guidelines have been defined as follows:



Announce zero food waste and waste landfill goal by 2030



Publish Waste Management Policy



Formulate waste management plan according to the 9Rs circular economy system management approach



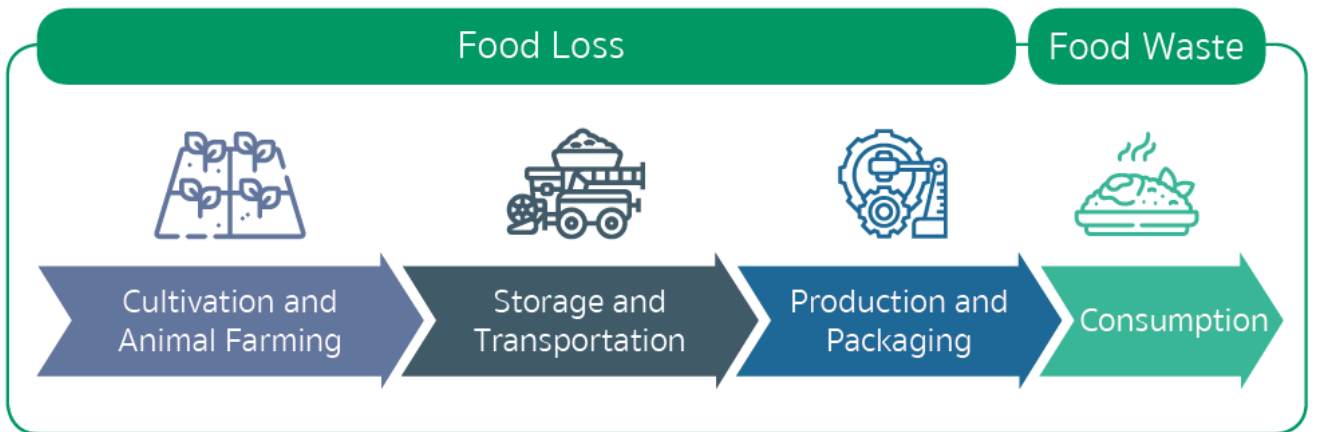
Communicate and raise awareness to urge employees to work together to achieve goals



Monitor performance and progress against goals through annual Sustainability Reports

FOOD LOSS AND FOOD WASTE MANAGEMENT

C.P. Intertrade Co., Ltd. and companies in the Rice Business Transportation and Service Charoen Pokphand Group's core businesses include production and distribution of food and beverages. We take into account food loss and food waste management throughout the supply chain from the process of crop cultivation and animal farming through to customer consumption. The Group is committed to reducing food loss and achieve the goal to eliminate food waste and waste to landfill by 2030.



COMPACT SIZE

PROJECT SOURCE

"Reduce the use of plastic. It can help reduce global warming..." is the sentence that sparked the team to start studying this project. Currently... there is no raw material that is more flexible, lighter weight and lower cost price Can be used to replace plastic. Reducing the amount of plastic used is therefore one option that can help reduce the amount of waste that occurs from single-use plastic. It also helps reduce costs in the production process. This project studied plastics in film form. (Polyethylene: PE) that was used to combine 6 bags of 5 kilograms of rice products. The factors that determine the size or amount of plastic used It depends on the volume of rice bags stacked inside. and setting up the combiner to use plastic, leaving as little scrap as possible.

which concluded that Reducing the entire width and the length of the combined film Helps the combined products to be more compact. It can also reduce costs by 2.82 million baht per year and reduce the amount of plastic used by 33.7 tons of plastic per year.

RESULTS

1. The combined packaging price, which has been reduced by area, is 0.1902 baht per kilogram of rice. The cost reduction difference is 0.0259 baht per kilogram of rice. Total product packaging size of 5 kilograms, combined with 6 bags, year 2022 = 109,041.120 tons, total cost reduction of 2,824,165.01 baht.

From the research and design results, it was found that

2. Get combined packaging that is more compact in size to match the products inside.
3. Reduce plastic use by 33.7 tons per year.
4. Reduce carbon emissions by 70 tons per year.

GUIDELINES FOR ACTION

1. Take advantage of the project "Overlap air-seal" to help ventilate the bag. To control the air to be less and has the same amount in every bag
2. Measure the circumference of a tube for forming a composite film. To reduce the width of the film that is too much
3. Adjust the product support base of the combined machine to be higher. To reduce the clearance level before sealing. Helps reduce the length of the film that is too much.
4. Test the machine continuously for a period of 1-2 hours. Test moving. and product arrangement To record the actual product packing results

BUNDLE PACKAGE

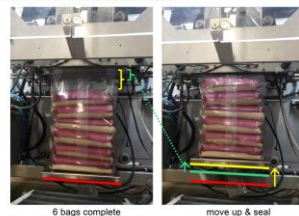
PE film
Clarity
Strength
Auto-pack



Top view



REDUCE THE LENGTH

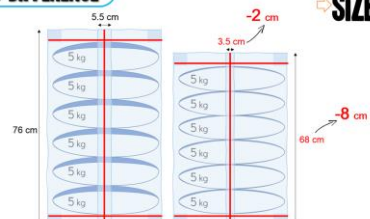


6 bags complete

move up & seal



POINT OF DIFFERENCE



SET ZERO WASTE

FLAT DIN DAENG COMMUNITY

Join in cultivating awareness of proper waste management with the Set Zero waste project at Flat Din Daeng Community. Campaign for waste separation through activities to collect points from the sale of garbage. Every 25 baht receives 1 stamp. Collect 3 stamps and receive 1 kg of new Chat brand jasmine rice. The collection period is from October - December 2022 with stamps being exchanged. For event participants when Last Sunday, December 18th, there were 132 people who received the most stamps, exchanging 44 kg of rice from the exchange for new Chat brand jasmine rice, totaling 150 kg.

Total waste management such as paper, plastic bottles, aluminum cans, and glass bottles has resulted in stimulating community cooperation. Campaign for proper waste management.





WATER STEWARDSHIP

(GRI 103-1, 103-2, 103-3, 303-1, 303-3)

SUPPORTING THE SDGs



SDG 6

Clean Water and Sanitation

- 6.3 Improved water quality through safe treatment and recycling
- 6.4 Increased water use efficiency and ensure sustainable supply
- 6.5 Implement integrated water resources management
- 6.B Support the participation of local community in improving water and sanitation management



SDG 12

Responsible Consumption and Production

- 12.2 Achieve the sustainable management and efficient use of natural resources
- 12.3 Halve per capita global food waste
- 12.5 Substantially reduce waste generation



SDG 14

Life Below Water

- 14.1 Reduced marine pollution

OPPORTUNITIES AND CHALLENGES

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. The challenges and importance of maintaining water resources throughout the supply chain by striving to manage water resources throughout the value chain are necessary Continually develop processes, technology, innovation, and infrastructure to respond to this change to drive efficient water management.

2030 GOALS

Reduce the amount of water used per unit of income by 10% compared to base year 2020

10%

KEY OPERATING RESULTS IN 2022



REDUCTION OF WATER PER REVENUES

25.04% of the amount of water used per revenue of the base year 2020



WATER RISK ASSESSMENT

86% of areas with high water risk

WATER RESOURCE MANAGEMENT INFORMATION

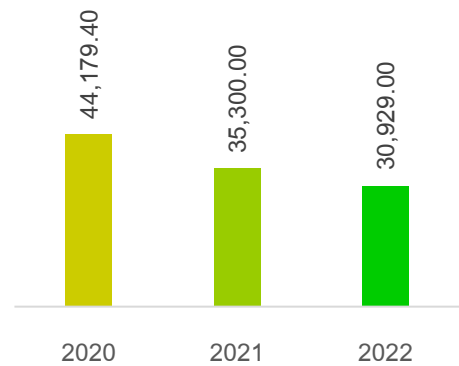


2022 PERFORMANCE

WATER CONSUMPTION

30,929

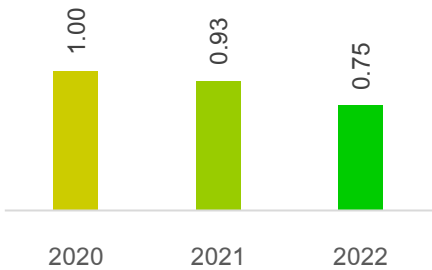
cubic meters



AMOUNT OF WATER USED PER REVENUE

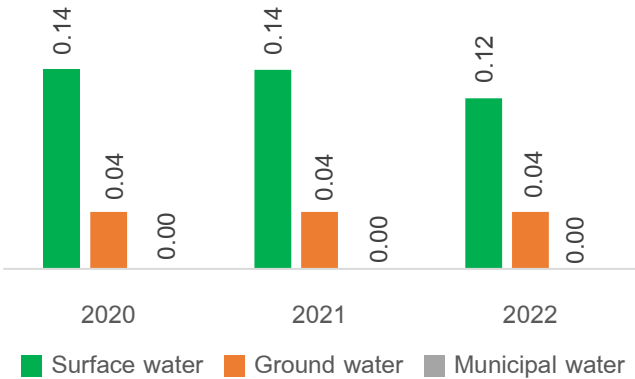
0.75*

cubic meters/million baht



SEPARATE BY WATER SOURCE

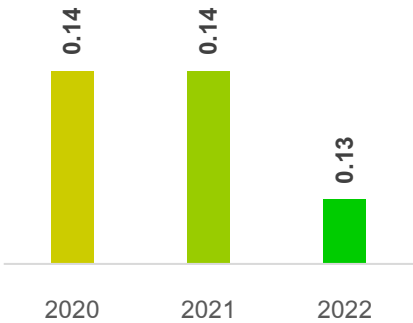
million cubic meters



WATER DISCHARGE

0.13

million cubic meters



WATER CONSERVATION

MANAGEMENT APPROACH

Our business operates on water stewardship under the UN Global Compact and Water Stewardship policy, and the Water Stewardship Framework. These serve as guidelines, facilitating the business to achieve its strategic goal to assess water scarcity risk.



WATER STEWARDSHIP MANAGEMENT FRAMEWORK

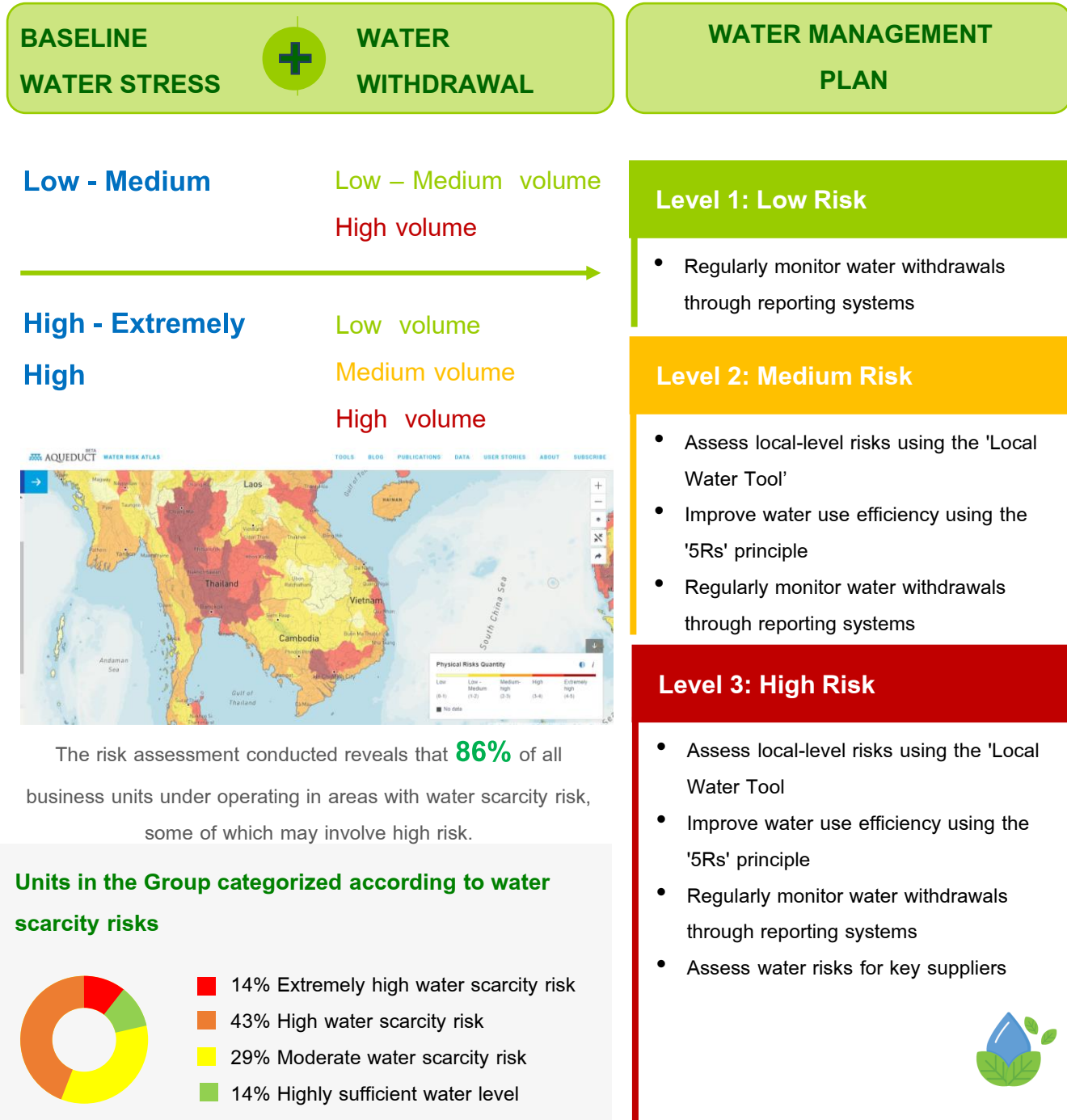


INTEGRATED WATER RISK ASSESSMENT

Enabling a good water management plan throughout the supply chain

Our business has developed a water resources risk assessment framework that is applied across all of its units and Business Groups. The assessment evaluates risk factors in various dimensions, including the volume of water withdrawal by organization, and baseline water stress levels. Our business has adopted the internationally-recognized Aqueduct Water Risk Atlas tool of the World Resources Institute (WRI) for use as our preferred assessment tool. The results of the assessment are ranked according to three levels of water risk and are then used to develop appropriate management plans.

WATER RISK ASSESSMENT FRAMEWORK



WATER MANAGEMENT FOR SUPPLIERS

Enabling water management planning throughout the supply chain

MANAGEMENT APPROACH

C.P. Intertrade Co., Ltd. and companies in the Rice Business Transportation and Service is committed to using water resources sustainably and implementing effective water management throughout the entire supply chain. In view of this, the Group has developed a management approach for our suppliers who are the key stakeholders to our business with the aim to promote water-use efficiency, reduce water shortage risks, and jointly campaign for the conservation of water resources.



WATER RISK ASSESSMENT

Conduct water risk assessment for suppliers to classify them by water stress level using internationally recognized tools

SUPPLIER WATER MANAGEMENT AUDIT

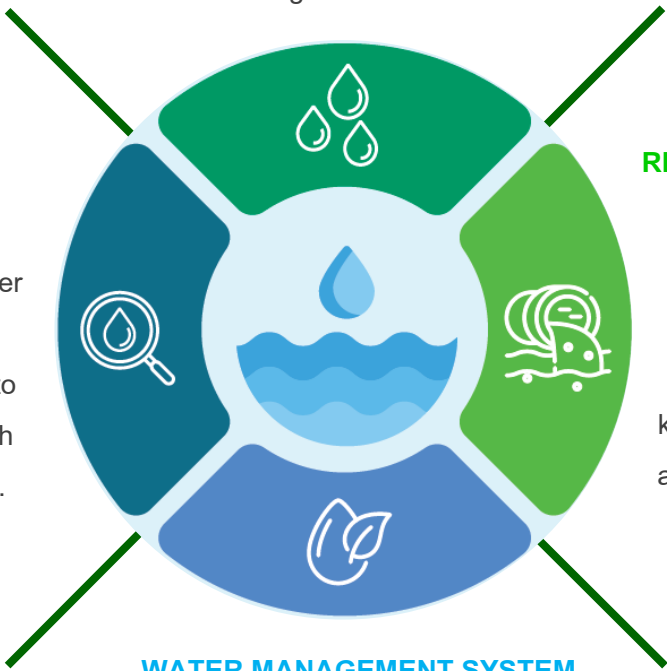
Evaluate suppliers' water management system, wastewater treatment to ensure compliance with wastewater standards.

PROMOTION OF WATER RESOURCES CONSERVATION ACTIVITIES

Collaborate with suppliers in promoting water-saving measures as well as provide knowledge and understanding about the importance of water resources conservation

WATER MANAGEMENT SYSTEM

Collaborate with suppliers in water management planning to optimize water-use efficiency



Show ideas to measure water level in modern rice fields!!!

ดิด SMART FARMER
TO SUSTAINABILITY

เชิฟเซอร์
วัดระดับน้ำ
ในนาข้าว
แสดงผลผ่านมือถือ
ต้นทุนหลักพัน ประหยัดเวลาได้เยอะ!

อิต-อิตทิพล
จันทร์นุ่ม
เกษตรกรรับใช้
โครงการพัฒนาระบบการปลูกข้าวเพื่อความยั่งยืน
อ.เนินบางน้อย อ.สุวรรณภูมิ

ได้ใช้เมล็ดข้าวพิษณุโลกขึ้นใหม่เพิ่มด้วยจาก 20 ปี





ECOSYSTEM & BIODIVERSITY PROTECTION

(GRI 102-9, 103-1, 103-2, 103-3, 304-2)

SUPPORTING THE SDGs



SDG 6
Clean Water and Sanitation

6.6 Protect and restore water-related ecosystems



SDG 14
Life Below Water

- 14.2 Reduced marine pollution
- 14.4 Sustainable fishing
- 14.5 Conserve coastal and marine areas



SDG 15
Life on Land

- 15.1 Ensure the conservation, restoration and sustainable use of terrestrial and inland freshwater ecosystems and their services
- 15.2 Halt deforestation, restore degraded forests
- 15.4 Ensure the conservation of mountain ecosystems
- 15.5 Take urgent and significant action to reduce the degradation of natural habitats, halt the loss of biodiversity

OPPORTUNITIES AND CHALLENGES

C.P. Intertrade Co., Ltd. And companies in the Rice Business Transportation and Service 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.

2030 GOALS

The number of areas that have been undertaken to protect and restore terrestrial ecosystems.

800,000 Rai

KEY OPERATING RESULTS IN 2022



100 percent of rice cultivation can be traced back.



PROTECT, RESTORE AND SUPPORT
The process of promoting rice cultivation Sustainability Culture
112,350 Rai



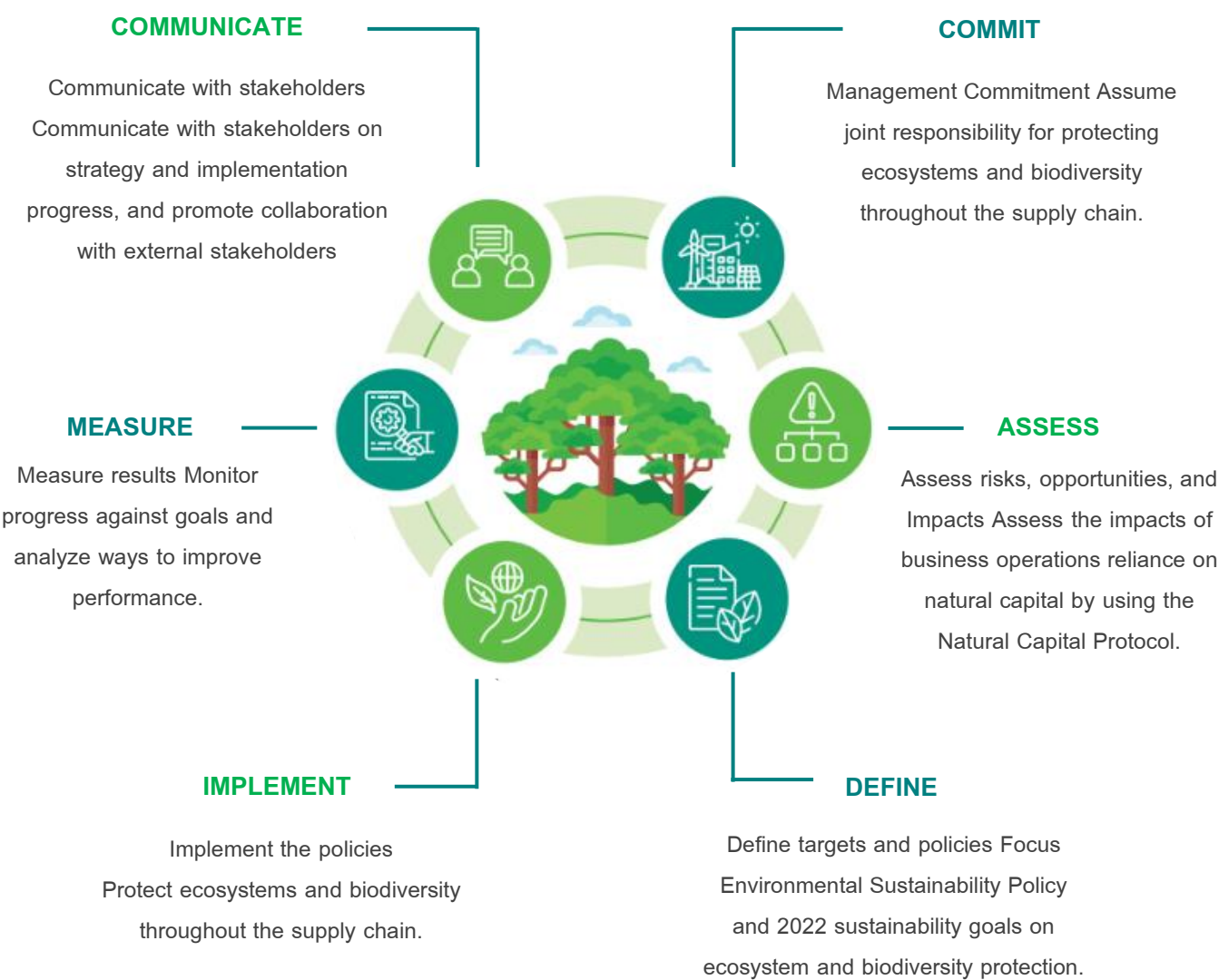
POLICY ANNOUNCEMENT
Environment and biodiversity policy

ECOSYSTEM & BIODIVERSITY PROTECTION

MANAGEMENT APPROACH

Our business is committed to operating responsibly and conserving the environment to protect biodiversity. We have upheld these principles from the very start, by choosing to operate on sites that are not located within natural resource and environmental conservation areas. We also strictly adhere to rules, regulations, standards, and ministerial regulations; conduct regular impact assessments and implement measures to protect and mitigate the impacts of our business operations. In addition, the Group focuses on agricultural raw material sourcing, making sure that raw materials come from responsible sources that do not encroach upon forest and marine resources. Finally, we encourage the protection and restoration of terrestrial and marine ecosystems to ensure ecosystem balance and biodiversity.

ECOSYSTEM AND BIODIVERSITY PROTECTION FRAMEWORK



RAW MATERIAL SOURCING AND TRACEABILITY

Building confidence for consumers

MANAGEMENT APPROACH

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.



RISK ASSESSMENTS

The company has developed a self-assessment system. Sustainability for business partners used as a selection criteria new business partner with business partners in the main raw material group for risk management in the supply chain.



DEVELOP BUSINESS PARTNERS

The company has a policy of sustainable procurement and guidelines for business partners to create participation and exchange of knowledge with business partners, communities, farmers, independent organizations, and government sectors to develop business operations capabilities and promote standards of Responsible sourcing throughout the supply chain.



COMMUNICATION

Our company progress report to Charoen Pokphand Group and its partners through the Sustainability Action Conference and annual sustainability report.



FARMERS

- 3 Benefits
- Project GAP+



RICE MILLS

- Good quality, fresh ingredient
- Increased production efficiency and reduced waste
- Manage the production period



RICE PROCESSING

- Automatic production system
- Standard system
- Food safety(BRC)



CONSUMER

- Believe in the product
- Use a raw materials from responsible resources

Raw material
development program

SCADA

SAP

SCADA

SAP

Sustainability App
e-Brochure

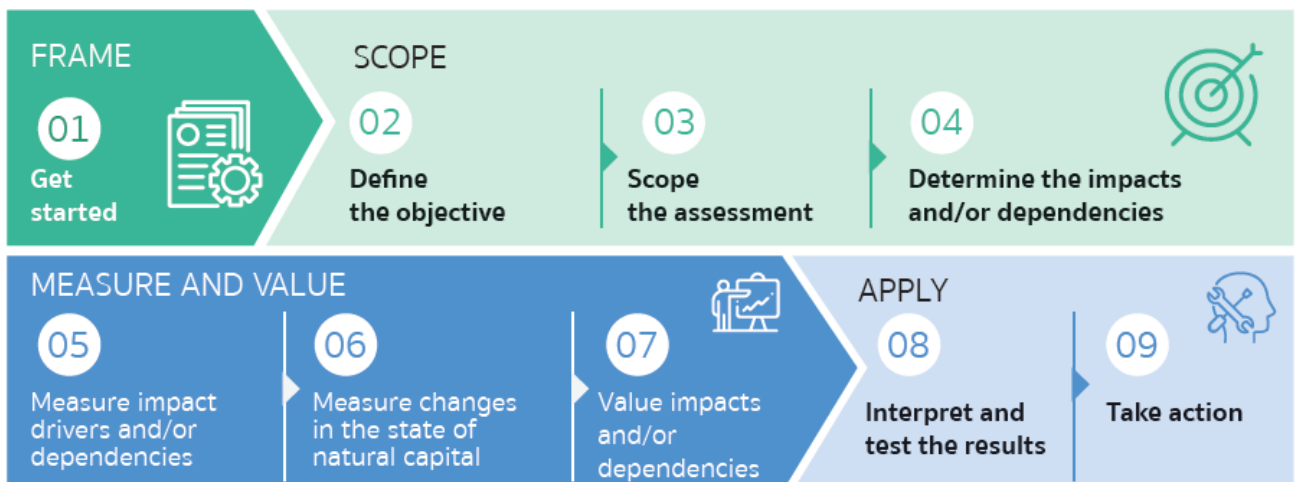
MEASURING NATURAL CAPITAL TO PROTECT ECOSYSTEMS AND BIODIVERSITY



C.P. Intertrade Co., Ltd. has cooperated with Charoen Pokphand Group entry as a member of the World Business Council for Sustainable Development (WBCSD), we brought in the Natural Capital Protocol a natural capital assessment framework developed by WBCSD in collaboration with global organizations including Conservation International, The B Team, PwC, and Sustain Value to use as a framework for measuring the organization's natural capital.

The Protocol helps us to understand the capacity and degradation of ecosystems and biodiversity, to value them in economic terms, and to apply those valuation results to identify ways of balancing between using and protecting natural resources. Ecosystem and Biodiversity Protection Framework the impacts of our business operations. In addition, the Group focuses on agricultural raw material sourcing, making sure that raw materials come from responsible sources that do not encroach upon forest and marine resources. Finally, we encourage the protection and restoration of terrestrial and marine ecosystems to ensure ecosystem balance and biodiversity. The Group selected the Nakhon Luang Rice Mill, under C.P. Intertrade Company Limited and Khao C.P. Company Limited, as the pilot site for the natural capital assessment. We selected this site because the rice mill is located on the banks of Pa Sak River in Nakhon Luang District, Ayutthaya Province, and uses the river's waterways to transport goods quickly and efficiently through the Ayutthaya. Therefore, the Group was able to realize the importance of determining the ecosystem and biodiversity value of this resource Port and Inland Container Depot (ICD). Given this, the Nakhon Luang Rice Mill directly benefits from these waterways, and it is possible to witness both the impacts from and dependencies on this natural resource. as key natural capital for the rice mill.

NATURAL CAPITAL PROTOCOL FRAMEWORK



Principles: Relevance, Rigor, Replicability, Consistency

CSR SPIRIT : ROYAL VOLUNTEER

At the Volunteer School Training Center 904 (Bang Khen)

Executives and volunteer employees CSR SPIRIT integrated plant business, rice, transportation and services Charoen Pokphand Group Attend training Self-reliance learning base In line with the royal volunteer spirit "We do good deeds with our hearts", graciously bestowed hat and scarf Complete with volunteer identification card To unite the power of CP volunteers, do good deeds, and do benefits for society. The company is committed to conducting business according to the 3 Benefits resolution of the Charoen Pokphand Group.



CASE STUDY

CSR TERM : VOLUNTEERING DURING THE SCHOOL BREAK

CSR SPIRIT Volunteers, study tour activities for conservation of natural resources and the environment at the Sea Turtle Conservation Center, Royal Thai Navy, to listen to a lecture and release 4-month-old sea turtles back to nature. Ready to visit HTMS Chakri Naruebet The Chakri Naruebet ship will be an operational base for protecting national interests at sea. Help victims and preserve the marine environment And in the afternoon, join the shaman therapy activities and practice meditation through horse dung activities. of the paresthesia therapy center Reconnaissance battalion, Marine unit, training in concentration and courage.

Employee families applied to participate in the CSR Term Break volunteering activity during the semester break, totaling 10 families, totaling 45 people, to instill awareness of natural resource and environmental conservation among employees' children and grandchildren. and use the school break to your advantage





RESPONSIBLE SUPPLY CHAIN MANAGEMENT

(GRI 102-9, 103-1, 103-2, 103-3, 308-1, 308-2, 414-1, 414-2)

SUPPORTING THE SDGs



SDG 4
Quality Education

4.4 Increase the number of youth and adults who have relevant skills, and promote Entrepreneurship



SDG 8
Decent Work and Economic Growth

8.3 Promote development-oriented policies that support decent job creation, entrepreneurship



SDG 9
Industry, Innovation, and Infrastructure

9.4 Upgrade infrastructure to make them sustainable, with increased resource-use efficiency and greater adoption of technologies

OPPORTUNITIES AND CHALLENGES

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 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 benefits.

2030 GOALS

Business groups with high-risk raw material traceability processes Including sustainability audits with high-risk trading partners.

100%

KEY OPERATING RESULTS IN 2022



COMMUNICATION OF THE SUPPLIER CODE OF CONDUCT

692 Supplier

businesses have been communicated.



ALL COMPANIES IN THE BUSINESS GROUP HAVE ASSESSED AND IDENTIFIED

Critical Supplier

RESPONSIBLE SUPPLY CHAIN MANAGEMENT

MANAGEMENT APPROACH

Our business focuses on managing supply chain by defining management procedures as a guideline for all companies in the business group to provide supply chain management go in the same direction In supply chain management, the business group starts from communicating manuals. Code of Conduct for Partners to all business partners for business partners to be aware of the policies and Expectations of the business group and can work together continuously.

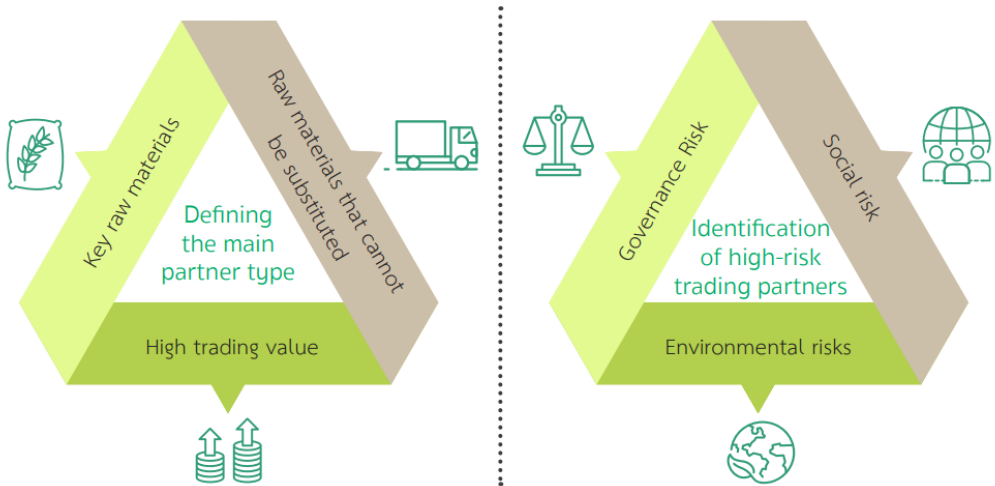


RAISING AWARENESS AND RISKS

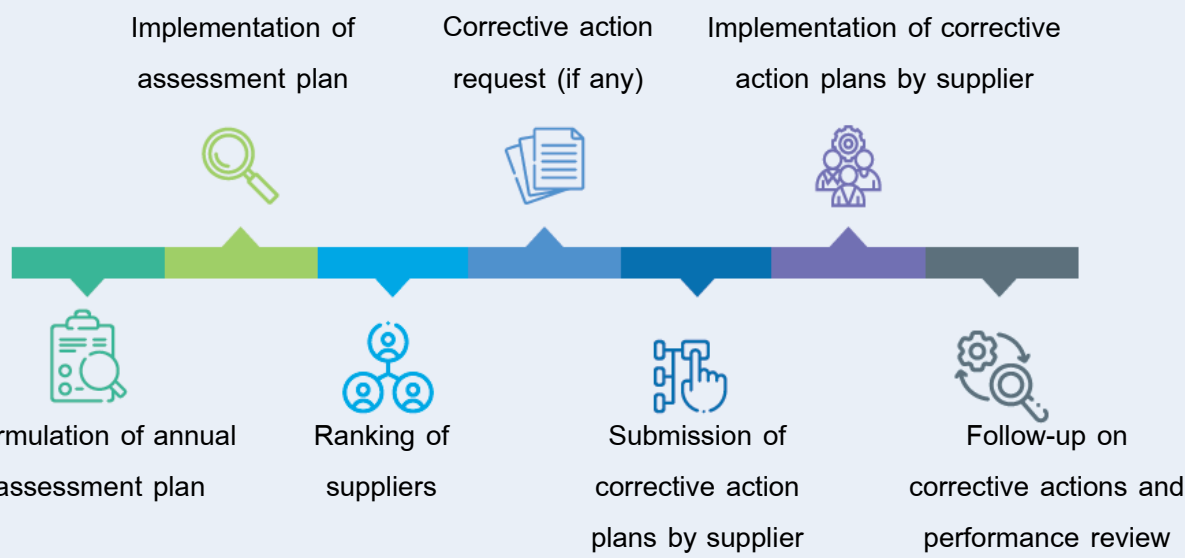
There are many business related business operations. Our business group has received a policy from the Charoen Pokphand Group and is committed to raising awareness of responsible supply chain management. with major business partners first (Critical Suppliers). The principles used to classify the main trading partners are as follows:

1. Suppliers of key raw materials.
2. Suppliers who are suppliers of key raw materials that cannot be substituted.
3. Partners with high trading value.

In addition, it was identified to find business partners who are at risk by assessing sustainability risks throughout the supply chain through two-dimensional assessment criteria, namely the severity of the impact. and the likelihood of risk, which the risk issue used in the assessment is taken from the channel. They are as follows: 1) news, 2) past performance, 3) industry-related risk factors, and 4) trends and potential risks in the future. The risk assessment covers raw materials packaging groups and service providers who are not limited to only the 1st business partner (Tier 1) who directly buy-sell but also include other business partners (Non-Tier 1).



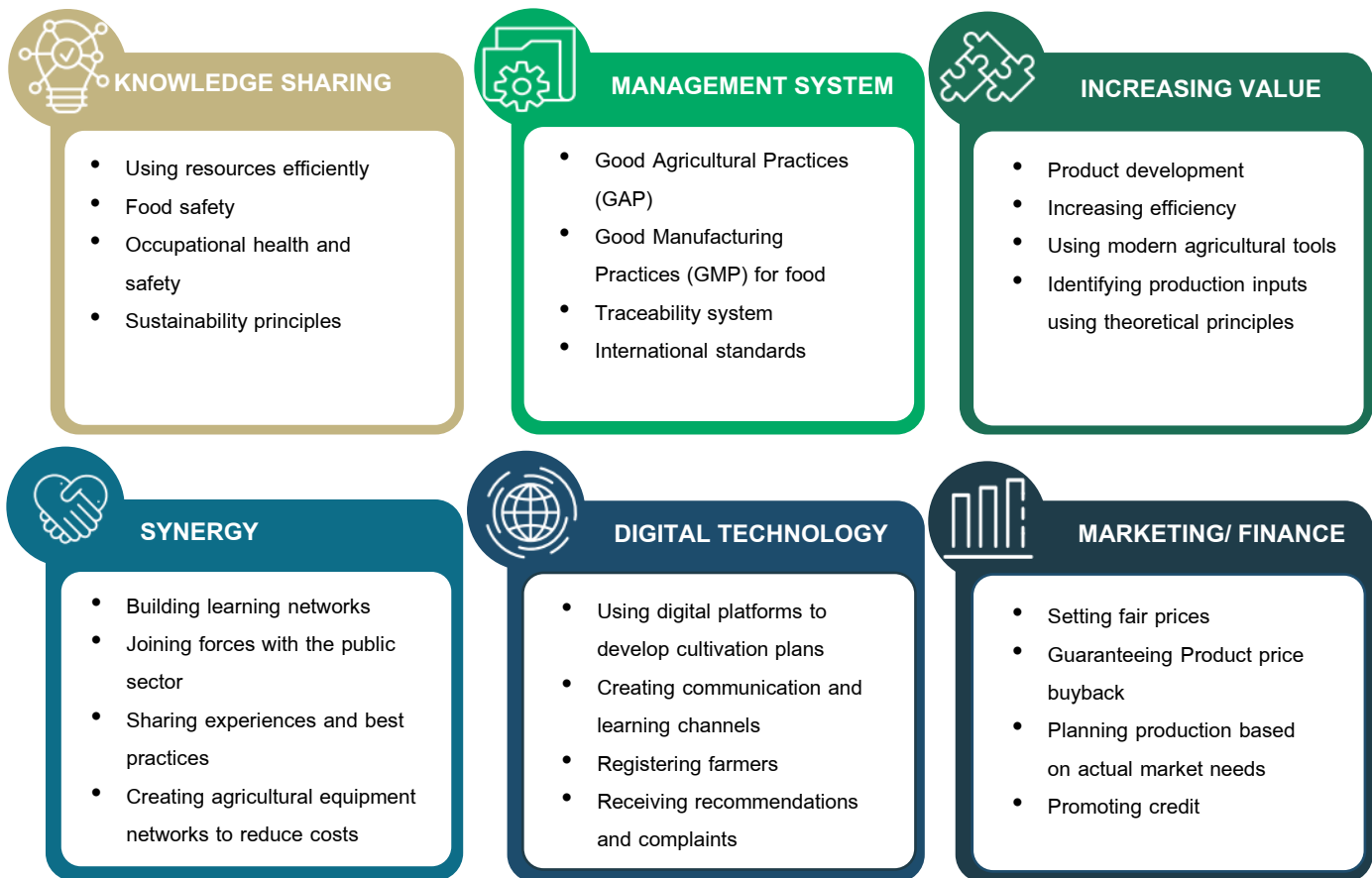
SUPPLIER ASSESSMENT PROCESS



ENHANCING SUPPLIERS' CAPABILITIES

Our business strives to enhance the capabilities of our suppliers in various key areas, including safe and sustainable production practices.

This is achieved through a management system that ensures proper planning and continuous improvements, creates learning networks, adopts digital technologies, and supports marketing to enhance the value and capabilities of suppliers to achieve sustainable business operations.

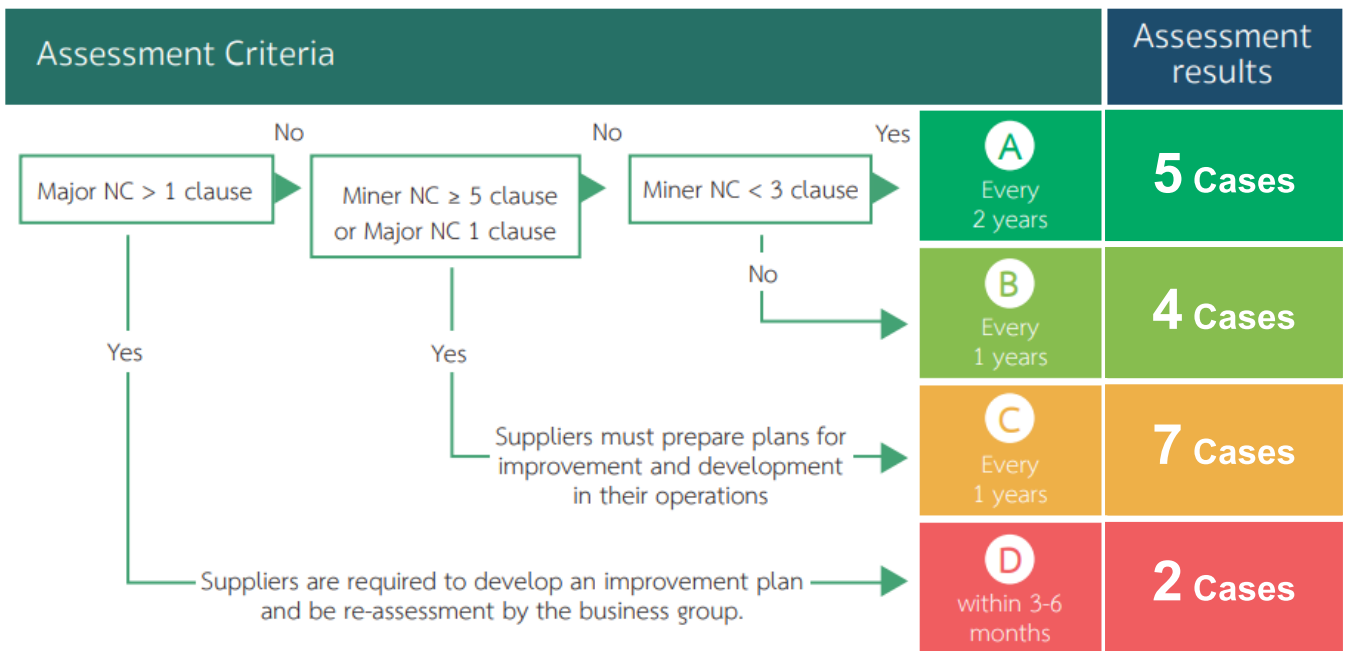


ASSESSMENT OF IMPORTANT SUPPLIERS

There is a committee to assess compliance with the rules. Commitment to business as a standard and operating guidelines Establish a registry of key business partners (Critical 1Tier Supplier), including set criteria for evaluating business partners and operating standards. After grading the assessment scores Both the self-assessment form and the assessment of the auditor team are as follows:



CRITICAL SUPPLIER ASSESSMENT CRITERIA



ASSESSMENT OF IMPORTANT SUPPLIERS



KEY SUPPLIER ASSESSMENT PERFORMANCE

CRITICAL SUPPLIER TIER1 AUDIT 2022 (case)

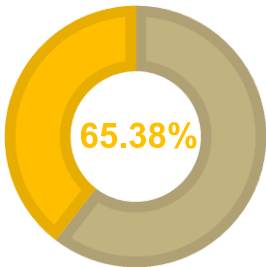
AUDIT PLAN

26

AUDIT ACTUAL

17

KPI >80%



CP GROUP

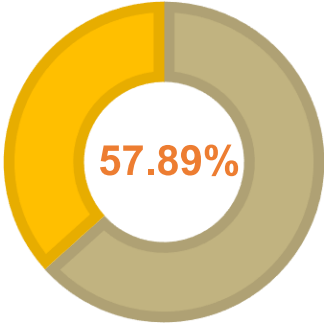
- AUDIT PLAN : 7 Cases
- AUDIT ACTUAL : 7 Cases



- Grade A : 2 Cases
- Grade B : 2 Cases
- Grade C : 1 Cases
- Grade D : 2 Cases

SUPPLIER

- AUDIT PLAN : 19 Case
- AUDIT ACTUAL : 11 Case



- Grade A : 3 Cases
- Grade B : 2 Cases
- Grade C : 6 Cases
- Grade D : - Cases





APPENDIX

SUSTAINABILITY PERFORMANCE 2020-2022

C.P. INTERTRADE AND COMPANIES IN THE RICE BUSINESS TRANSPORTATION AND SERVICE

GRI Standard	Performance	Unit	2020	2021	2022			
CORPORATE GOVERNANCE								
DEPARTMENTS THAT ARE WITHIN THE SCOPE OF THIS SUSTAINABILITY REPORT								
	Rice Factory	Plants	6	6	6			
	Transportation Company	Plants	1	3	3			
	CP Intertrade Company and companies in the business group	Plants	1	1	1			
ECONOMIC PERFORMANCE								
G4-EC1	Revenes	Million baht	44,160	38,158	41,243			
	Employee benefits	Million baht	1,528	1,493	1,436			
	Taxes paid to the government and local authorities	Million baht	12.22	14.25	27.12			
	Research and development and innovation expenses	Million baht	17.71	22.11	12.58			
SOCIAL PERFORMANCE								
HUMAN RIGHTS AND LABOR PRACTICES								
102-8	NUMBER OF WORKERS							
			MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
	- Total Workforce	Persons	1,546		1,600		899	
			878	668	924	676	472	427
	SEPARATE BY CONTRACT TYPE		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
	- Employees	Persons	1,427		1,314		899	
			785	642	727	587	472	427
	- Workers/Contractors	Persons	119		286		0	
			93	26	197	89	0	0
405-1	EMPLOYEE DIVERSITY							
	SEPARATE BY LEVEL		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
	- Top Management	Persons	11	3	9	3	10	6
	- Mid Management	Persons	29	18	23	15	31	35
	- Management	Persons	162	164	151	151	84	108
	- Officer	Persons	583	457	544	418	347	278
	SEPARATE BY AGE		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
	- Under 30 years old	Persons	313	189	266	180	97	53
	- 30 - 50 years old	Persons	418	388	419	355	355	356
	- Over 50 years old	Persons	54	65	42	52	20	18
401-1	NEW HIRES							
	EMPLOYEE		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
	- Number of new hires	Persons	228		174		55	
			147	81	99	75	41	14
	SEPARATE BY AGE		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
	- Under 30 years old	Persons	101	59	63	59	26	10
	- 30 - 50 years old	Persons	43	22	35	16	13	0
	- Over 50 years old	Persons	2	1	1	0	2	4
	TURNOVER							
	EMPLOYEE		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
	- Number of Turnover	Persons	211		397		187	
			147	64	226	171	122	65
	SEPARATE BY AGE		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
	- Under 30 years old	Persons	82	30	128	79	28	19
	- 30 - 50 years old	Persons	60	24	80	74	81	36
	- Over 50 years old	Persons	5	10	18	18	13	10
	PARENTAL LEAVE (Employee)		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
	- Number of parental leave	Persons	0	13	0	18	0	5
	- Employee back to work after parental leave	Persons	0	13	0	18	0	5

GRI STANDARD	PERFORMANCE		UNIT	2020		2021		2022	
SOCIAL PERFORMANCE									
LEADERSHIP AND HUMAN CAPITAL DEVELOPMENT									
404-1	TRAINING AND DEVELOPMENT OF EMPLOYEE			MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
	- Average training hours for all employees	Hours per person per year	8.11		9.09		4.17		
			8.76	7.33	6.63	12.12	5.19	3.04	
	SEPARATE BY LEVEL		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
	- Top Management	Hours per person per year	5.61		0.00		3.38		
			1.21	10.00	0.00	0.00	1.80	6.00	
	- Mid Management	Hours per person per year	2.58		1.58		3.45		
			2.97	2.18	1.04	2.40	2.90	3.94	
	- Management	Hours per person per year	5.61		4.85		6.69		
			6.22	4.99	8.98	0.72	9.50	4.50	
	- Officer	Hours per person per year	9.63		12.25		3.49		
			10.59	8.66	8.61	16.99	4.45	2.30	
OCCUPATIONAL HEALTH AND SAFETY INFORMATION									
DJSI 3.7.3	EMPLOYEE		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
	- Lost-Time Injury Frequency Rate (LTIFR)	person / 1,000,000 working hour	0.37		2.82		1.79		
			0.64	0.00	2.91	2.55	1.36	3.10	
	- Number of Lost-Time Injuries	Persons	1.00		13.00		7.00		
			1.00	0.00	10.00	3.00	4.00	3.00	
	- Occupational Disease Rate (ODR)	person / 1,000,000 working hour	-		-		-		
			-	-	-	-	-	-	
	- Lost Day Rate (LDR)	Lost days/1,000,000 working hours	-		-		-		
			-	-	-	-	-	-	
403-2(b)	CONTRACTOR		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
	- Lost-Time Injury Frequency Rate (LTIFR)	person / 1,000,000 working hour	12.76		4.16		11.74		
			3.70	32.94	5.52	0.00	11.65	11.83	
	- Number of Lost-Time Injuries	Persons	5.00		1.00		4.00		
			1.00	4.00	1.00	0.00	2.00	2.00	
	- Occupational Disease Rate (ODR)	person / 1,000,000 working hour	-		0.00		0.00		
			-	-	0.00	0.00	0.00	0.00	
	- Lost Day Rate (LDR)	Lost days/1,000,000 working hours	-		-		-		
			-	-	-	-	-	-	
403-9(a)	EMPLOYEE		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
	- Rate of Fatalities as a result of work related injury	person / 1,000,000 working hour	0.00		0.00		0.00		
			0.00	0.00	0.00	0.00	0.00	0.00	
	- Number of fatalities as a result of work-related injury	Persons	0.00		0.00		0.00		
			0.00	0.00	0.00	0.00	0.00	0.00	
	- Rate of High-consequence work-related injury : (excluding Fatalities)	person / 1,000,000 working hour	0.00		0.00		0.00		
			0.00	0.00	0.00	0.00	0.00	0.00	
	- Number of High-consequence work-related injury : (excluding Fatalities)	Persons	0.00		0.00		0.00		
			0.00	0.00	0.00	0.00	0.00	0.00	
	- Rate of recordable work-related injury	person / 1,000,000 working hour	4.87		5.20		3.07		
			5.77	3.61	5.82	3.40	2.72	4.13	
	- Number of recordable work-related injury	Persons	13.00		24.00		12.00		
			9.00	4.00	20.00	4.00	8.00	4.00	

GRI Standard	Performance	Unit	2020		2021		2022	
SOCIAL PERFORMANCE								
OCCUPATIONAL HEALTH AND SAFETY INFORMATION								
403-9(b)	CONTRACTOR		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
	- Rate of Fatalities as a result of work related injury	person / 1,000,000 working hour	0.00		0.00		0.00	
			0.00	0.00	0.00	0.00	0.00	0.00
	- Number of fatalities as a result of work-related injury	Persons	0.00		0.00		0.00	
			0.00	0.00	0.00	0.00	0.00	0.00
	- Rate of High-consequence work-related injury : (excluding Fatalities)	person / 1,000,000 working hour	2.55		0.00		0.00	
			0.00	8.23	0.00	0.00	0.00	0.00
	- Number of High-consequence work-related injury : (excluding Fatalities)	Persons	1.00		0.00		0.00	
			0.00	1.00	0.00	0.00	0.00	0.00
	- Rate of recordable work-related injury	person / 1,000,000 working hour	25.52		4.16		14.67	
			7.39	65.88	5.52	0.00	17.47	11.83
	- Number of recordable work-related injury	Persons	10.00		1.00		5.00	
			2.00	8.00	1.00	0.00	3.00	2.00
403-10 (a)	EMPLOYEE		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
	- Number of Fatalities as a result of Work-related ill health	Persons	0.00		0.00		0.00	
			0.00	0.00	0.00	0.00	0.00	0.00
	- Number of cases of recordable work-related ill health	Persons	0.00		0.00		0.00	
			0.00	0.00	0.00	0.00	0.00	0.00
403-10 (b)	CONTRACTOR		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
	- Number of Fatalities as a result of Work-related ill health	Persons	0.00		0.00		0.00	
			0.00	0.00	0.00	0.00	0.00	0.00
	- Number of cases of recordable work-related ill health	Persons	0.00		0.00		0.00	
			0.00	0.00	0.00	0.00	0.00	0.00

Remarks::

- Accident data does not include information in the office of C.P. Intertrade Co., Ltd. and C.P. Food Store Co., Ltd.)
- The severity level of an injury is calculated from the number of absent work days. Injury Rate (IR) = [Total number of injuries at all levels (during the reporting period) X 1,000,000 hours worked] / Total number of hours worked (during the reporting period).
- Lost Time Injury Rate (LTIR) = [Total number of lost time injuries (during the reporting period) X 1,000,000 hours worked] / Total number of hours worked (during the reporting period).
- Lost Day Rate (LDR) = [Total number of lost days (during the reporting period) X 1,000,000 hours worked] / Total number of hours worked (during the reporting period)

GRI STANDARD	PERFORMANCE	UNIT	2020	2021	2022
ENVIRONMENTAL PERFORMANCE					
ENERGY					
302-1 (e)	Total Energy Consumption	Million GJ	0.67	0.76	0.67
302-1 (a)	- Fuel Consumption	Million GJ	0.42	0.47	0.46
302-1 (b)	- Renewable energy	Million GJ	0.08	0.12	0.06
302-1 (c)	- Electricity Consumption	Million GJ	0.16	0.17	0.15
302-3 (a)	Energy intensity ratio	GJ/Million baht	15.18	20.02	16.20
GREEN HOUSE GAS (GHG) EMISSION					
	Green House gas (GHG) emission	Ton CO ₂ eq	54,238.05	57,855.90	53,816.67
305-1 (a)	Green House gas (GHG) emission (Scope 1)	Ton CO ₂ eq	32,102.52	35,650.85	35,253.34
305-2 (a)	Green House gas (GHG) emission (Scope 2)	Ton CO ₂ eq	22,135.53	22,205.04	18,563.32
305-4 (a)	GHG emissions intensity ratio	Ton CO ₂ eq/Million baht	1.23	1.52	1.30
WATER					
303-5	Water Consumption.	m ³	44,092.80	35,300.00	30,929.00
303-3 (a)	Total volume of water withdrawn	Million m ³	0.18	0.18	0.16
303-3 (c)	- Surface water	Million m ³	0.14	0.14	0.12
	- Ground water	Million m ³	0.04	0.04	0.04
	- Rain water	Million m ³	0.00	0.00	0.00
	- Municipal water supplies	Million m ³	0.00	0.00	0.00
303-4 (a)	Total water discharge	Million m ³	0.14	0.14	0.13
303-4 (c)	- Surface water	Million m ³	0.14	0.14	0.13
	Water withdrawn intensity ratio	m ³ /Million baht	1.00	0.93	0.75
WASTE (2020)					
306-3 (a)	Total weight of waste generated	Ton	810.76	756.58	1,114.20
	- Total weight of hazardous waste generated	Ton	8.18	6.49	2.69
	- Total weight of non-hazardous waste generated	Ton	802.58	750.09	1,111.50
306-4 (a)	Total weight of waste diverted from disposal	Ton	489.15	512.78	651.88
306-4 (b)	Total weight of hazardous waste diverted from disposal	Ton	0.00	0.00	2.69
	- Preparation for reuse	Ton	0.00	0.00	0.00
	- Recycling	Ton	0.00	0.00	2.69
306-4 (c)	Total weight of non-hazardous waste diverted from disposal	Ton	489.15	512.78	649.18
	- Preparation for reuse	Ton	0.00	0.00	0.00
	- Recycling	Ton	489.15	512.78	649.18
	- Composting; (Not Included food waste)	Ton	0.00	0.00	0.00
	- Feed Material	Ton	0.00	0.00	0.00
	- Constuction Material	Ton	0.00	0.00	0.00

GRI STANDARD	PERFORMANCE	UNIT	2020	2021	2022
ENVIRONMENTAL PERFORMANCE					
WASTE (2020)					
306-5 (a)	Total weight of waste directed to disposal	Ton	321.61	243.80	462.32
306-5 (b)	Total weight of hazardous waste directed to disposal	Ton	8.18	6.49	0.00
	- Incineration (with energy recovery).	Ton	2.10	3.40	0.00
	- Incineration (without energy recovery).	Ton	0.53	0.00	0.00
	- Landfilling.	Ton	5.55	3.10	0.00
	- Other disposal operations.	Ton	0.00	0.00	0.00
306-5 (c)	Total weight of non-hazardous waste directed to disposal	Ton	313.43	237.31	462.32
	- Incineration (with energy recovery).	Ton	0.00	0.00	231.16
	- Incineration (without energy recovery).	Ton	0.00	0.00	5.74
	- Landfilling.	Ton	313.43	237.31	225.42
	- Other disposal operations.	Ton	0.00	0.00	0.00
	Waste generated intensity ratio	Ton	0.02	0.37	0.03
PLASTIC PACKAGING					
	All plastic packaging	Ton	3,680.66	5,252.81	1,830.27
	Recyclable Plastic Packaging *Category Mono Layer	Ton	0.00	0.00	0.00
OPERATIONAL ECO-EFFICIENCY					
302-4	Energy/Production	GJ/ Ton	0.67	0.93	0.81
	Greenhouse gas emissions/Production	Ton CO ₂ eq/Ton	0.06	0.07	0.07
	Water/Production	m ³ /Ton	0.46	0.04	0.04
	Total waste/Production	Ton/Ton	0.00	0.92	1.36

Remarks::

- The calculation method under this Sustainability report is in accordance with GRI Standards (GRI 302-1) - Total fuel consumption = the sum of all types of fuel resource consumption x its heating value (in each) - Unit in GJ per month (the conversion factors are based on Thailand Energy Efficiency Situation report 2018 by Department of Alternative Energy Development and Efficiency)
- Electricity consumption = The sum of electricity used (in kWh) x 3.6 - Unit in GJ per month) Total energy consumption = non-renewable energy consumption + renewable energy consumption + electricity consumption (Unit in GJ per month)
- Energy types included in the calculation of intensity per revenue are non-renewable energy including coal, fuel oil, diesel, gasoline, bunker oil, LPG, and natural gas as well as renewables including biogas, biomass (such as rice husk, charcoal, cashew nutshell, fire wood/ scrap wood/woodchips, corn cob, pal kernel shells, and sawdust) and biodiesel, and electricity consumed within the organization only (GRI 302-3)
- Reporting scope of GHG emissions covers CO₂, CH₄, and N₂O The Global Warming Potential (GWP) used in the calculation is referred to the given values of IPCC, while the greenhouse gas emission factors are based on the information from the Thailand Greenhouse Gas Management Organization (Public Organization) and Energy Policy and Planning Office, Ministry of Energy, which is available at the time of disclosure of this Sustainability Report. (GRI 305-1, GRI 305-2, and GRI 305-4)
- Reporting scope of GHG intensity includes only GHG scopes 1 and 2 (GRI305-4)
- Total water consumption is collected by using data from water meter, water bill, calculation from flow rate of water pump and average volume of rainwater from Meteorological Department (GRI 303-3 : 2018)
- Total reused/recycled water is calculated by using data from water meter and flow rate of water pump (GRI 303-3 : 2016)
- Total hazardous and non-hazardous waste stored within organization is an accumulated figure in previous year (GRI 306-3)
- Total waste generated is a figure of non-hazardous waste and hazardous waste generated in each year. For the amount of waste stored within the organization, the calculation is from an accumulated figure of waste in the present year - an accumulated figure of in the previous year (GRI 306-4)
- All information about waste disposal methods have already been approved by waste disposers or waste disposal manifest from waste disposers (GRI 306-5)

GRI 102: GENERAL DISCLOSURES

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	- 2022 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 Resilience - 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 Vice-Chairman	-
102-15 Key impacts, risks, and opportunities	- Message from the Vice-Chairman - Our Business - Climate Resilience - Water Stewardship	-
Ethics and Integrity		
102-16 Values, principles, standards, and norms of behavior	- Sustainability Milestone - Six Core Values	-
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	-

DISCLOSURES		PAGE/WEBSITE	EXTERNAL ASSURANCE
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		-
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	- Appendix	-

SPECIFIC STANDARD DISCLOSURES

GRI	DISCLOSURES	PAGE/WEBSITE	OMISSION/ NOTE	EXTERNAL ASSURANCE
Economic Performance				
GRI 103: Management Approach	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	201-1 Direct economic value generated and distributed	- 2022 Highlights	-	-
Indirect Economic Impacts				
GRI 103: Management Approach	103-1 Explanation of the material topic and its Boundary	- Social Impact & Economic Contribution - Education & Inequality Reduction - Innovation Management	-	-
	103-2 The management approach and its components	- Social Impact & Economic Contribution - Education & Inequality Reduction - Innovation Management	-	-
	103-3 Evaluation of the management approach	- Social Impact & Economic Contribution - Education & Inequality Reduction - Innovation Management	-	-
GRI 203: Indirect Economic Impacts	203-1 Infrastructure investments and services supported	- Social Impact & Economic Contribution - Education & Inequality Reduction	-	-
	203-2 Significant indirect economic impacts	- Social Impact & Economic Contribution - Education & Inequality Reduction - Innovation Management	-	-
Anti-corruption				
GRI 103: Management Approach	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	205-2 Communication and training about anti-corruption policies and procedures	- Corporate Governance	-	-
Energy				
GRI 103: Management Approach	103-1 Explanation of the material topic and its Boundary	- Climate Resilience	-	-
	103-2 The management approach and its components	- Climate Resilience	-	-
	103-3 Evaluation of the management approach	- Climate Resilience	-	-
GRI 302: Energy	302-1 Energy consumption within the organization	- Climate Resilience - Appendix	-	✓
	302-3 Energy intensity	- Climate Resilience - Appendix	-	-
	302-4 Reduction of energy consumption	- Climate Resilience - Appendix	-	-

GRI	DISCLOSURES	PAGE/WEBSITE	OMISSION/ NOTE	EXTERNAL ASSURANCE
Water				
GRI 103: Management Approach	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 and Effluents	303-1 Interactions with water as a shared resource	- Water Stewardship	-	-
	303-2 Management of water discharge-related impacts	- Water Stewardship	-	-
	303-3 Water withdrawal	- Water Stewardship - Appendix	-	✓
	303-4 Water discharge	- Water Stewardship - Appendix	-	✓
	303-5 Water consumption	- Water Stewardship - Appendix	-	✓
Biodiversity				
GRI 103: Management Approach	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	304-3 Habitats protected or restored	- Ecosystem & Biodiversity Protection	-	-
Emissions				
GRI 103: Management Approach	103-1 Explanation of the material topic and its Boundary	- Climate Resilience	-	-
	103-2 The management approach and its components	- Climate Resilience	-	-
	103-3 Evaluation of the management approach	- Climate Resilience	-	-
GRI 305: Emissions	305-1 Direct (Scope 1) GHG emissions	- Climate Resilience - Appendix	-	✓
	305-2 Energy indirect (Scope 2) GHG emissions	- Climate Resilience - Appendix	-	✓
	305-4 GHG emissions intensity	- Climate Resilience - Appendix	-	-
Wastes				
GRI 103: Management Approach	103-1 Explanation of the material topic and its Boundary	- Circular Economy	-	-
	103-2 The management approach and its components	- Circular Economy	-	-
	103-3 Evaluation of the management approach	- Circular Economy	-	-
GRI 306: Waste	GRI 306-3: Waste generated	- Circular Economy - Appendix	-	✓
	GRI 306-4: Waste diverted from disposal	- Circular Economy - Appendix		✓
	GRI 306-5: Waste directed to disposal	- Circular Economy - Appendix	-	✓

GRI	DISCLOSURES	PAGE/WEBSITE	OMISSION/ NOTE	EXTERNAL ASSURANCE
Supplier Environmental Assessment				
GRI 103: Management Approach	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	308-1 New suppliers that were screened using environmental criteria	- Ecosystem & Biodiversity Protection	-	-
Employment				
GRI 103: Management Approach	103-1 Explanation of the material topic and its Boundary	- Human Rights & Labor Practices	-	-
	103-2 The management approach and its components	- Human Rights & Labor Practices	-	-
	103-3 Evaluation of the management approach	- Human Rights & Labor Practices	-	-
GRI 401: Employment	401-1 New employee hires and employee turnover	- Appendix	-	-
Occupational Health and Safety				
GRI 103: Management Approach	103-1 Explanation of the material topic and its Boundary	- Human Rights & Labor Practices	-	-
	103-2 The management approach and its components	- Human Rights & Labor Practices	-	-
	103-3 Evaluation of the management approach	- Human Rights & Labor Practices	-	-
GRI 403: Occupational Health and Safety	403-1 Occupational health and safety management system	- Human Rights & Labor Practices	-	-
	403-2 Hazard identification, risk assessment, and incident investigation	- Human Rights & Labor Practices	-	-
	403-3 Occupational health services	- Human Rights & Labor Practices	-	-
	403-4 Worker participation, consultation, and communication on occupational health and safety	- Human Rights & Labor Practices	-	-
	403-5 Worker training on occupational health and safety	- Human Rights & Labor Practices	-	-
	403-6 Promotion of worker health	- Human Rights & Labor Practices	-	-
	403-7 Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	- Human Rights & Labor Practices	-	-
	403-9 Work-related injuries	- Occupational Health & Safety - Appendix	-	✓
	403-10 Work-related ill health	- Occupational Health & Safety - Appendix	-	✓

GRI	DISCLOSURES	PAGE/WEBSITE	OMISSION/ NOTE	EXTERNAL ASSURANCE
Training and Education				
GRI 103: Management Approach	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	404-1 Average hours of training per year per employee	- Appendix	-	-
Human Rights Assessment				
GRI 103: Management Approach	103-1 Explanation of the material topic and its Boundary	- Human Rights & Labor Practices	-	-
	103-2 The management approach and its components	- Human Rights & Labor Practices	-	-
	103-3 Evaluation of the management approach	- Human Rights & Labor Practices	-	-
GRI 412: Human Rights Assessment	412-1 Operations that have been subject to human rights reviews or impact assessments	- Human Rights & Labor Practices	-	-
Local Communities				
GRI 103: Management Approach	103-1 Explanation of the material topic and its Boundary	- Social Impact And Economic Contribution - Health & Well-being - Education & Inequality Reduction - Water Stewardship - Ecosystem & Biodiversity Protection - Responsible Supply Chain Management	-	-
	103-2 The management approach and its components	- Social Impact And Economic Contribution - Health & Well-being - Education & Inequality Reduction - Water Stewardship - Ecosystem & Biodiversity Protection - Responsible Supply Chain Management	-	-
	103-3 Evaluation of the management approach	- Social Impact And Economic Contribution - Health & Well-being - Education & Inequality Reduction - Water Stewardship - Ecosystem & Biodiversity Protection - Responsible Supply Chain Management	-	-
GRI 413: Local Communities	413-1 Operations with local community engagement, impact assessments, and development programs	- Social Impact And Economic Contribution - Health & Well-being - Education & Inequality Reduction - Water Stewardship - Ecosystem & Biodiversity Protection - Responsible Supply Chain Management	-	-

GRI	DISCLOSURES	PAGE/WEBSITE	OMISSION/ NOTE	EXTERNAL ASSURANCE
Supplier Social Assessment				
GRI 103: Management Approach	103-1 Explanation of the material topic and its Boundary	- Responsible Supply Chain Management	-	-
	103-2 The management approach and its components	- Responsible Supply Chain Management	-	-
	103-3 Evaluation of the management approach	- Responsible Supply Chain Management	-	-
GRI 414 Supplier Social Assessment	414-1 New suppliers that were screened using social criteria	- Responsible Supply Chain Management	-	-
Product and Service Labelling				
GRI 103: Management Approach	103-1 Explanation of the material topic and its Boundary	- Health & Well-being	-	-
	103-2 The management approach and its components	- Health & Well-being	-	-
	103-3 Evaluation of the management approach	- Health & Well-being	-	-
GRI 417: Marketing and Labeling	417-1 Requirements for product and service information and labeling	- Health & Well-being	-	-
Healthy and Affordable Food				
GRI 103: Management Approach	103-1 Explanation of the material topic and its Boundary	- Health & Well-being - Innovation Management	-	-
	103-2 The management approach and its components	- Health & Well-being - Innovation Management	-	-
	103-3 Evaluation of the management approach	- Health & Well-being - Innovation Management	-	-

UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS

GOAL	DESCRIPTION	CHAPTER
1	End poverty in all its forms everywhere	<ul style="list-style-type: none">Social Impact and Economic Contribution Jobs
2	End hunger, achieve food security and improved nutrition and promote sustainable agriculture	<ul style="list-style-type: none">Cyber Security & Data ProtectionHealth & Well-being
3	Ensure healthy lives and promote well-being for all at all ages	<ul style="list-style-type: none">Human Rights & Labor PracticesCyber Security & Data ProtectionHealth & Well-beingOccupational Health & Safety
4	Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all	<ul style="list-style-type: none">Education & Inequality ReductionLeadership & Human Capital DevelopmentSocial Impact and Economic Contribution JobsResponsible Supply Chain Management
5	Achieve gender equality and empower all women and girls	<ul style="list-style-type: none">Human Rights & Labor PracticesLeadership & Human Capital Development
6	Ensure availability and sustainable management of water and sanitation for all	<ul style="list-style-type: none">Water StewardshipEcosystem & Biodiversity Protection
7	Ensure access to affordable, reliable, sustainable and modern energy for all	<ul style="list-style-type: none">Climate Resilience
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 PracticesEducation & Inequality ReductionSocial Impact and Economic Contribution JobsOccupational Health & SafetyInnovation ManagementResponsible Supply Chain Management
9	Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation	<ul style="list-style-type: none">Education & Inequality ReductionInnovation ManagementResponsible Supply Chain Management
10	Reduce inequality within and among countries	<ul style="list-style-type: none">Human Rights & Labor PracticesSocial Impact and Economic Contribution Jobs
11	Make cities and human settlements inclusive, safe, resilient and sustainable	<ul style="list-style-type: none">Climate ResilienceCircular Economy
12	Ensure sustainable consumption and production patterns	<ul style="list-style-type: none">Corporate GovernanceClimate ResilienceWater Stewardship
13	Take urgent action to combat climate change and its impacts	<ul style="list-style-type: none">Climate Resilience
14	Conserve and sustainably use the oceans, seas and marine resources for sustainable development	<ul style="list-style-type: none">Water StewardshipEcosystem & 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 GovernanceCyber Security & Data ProtectionStakeholder Engagement
17	Strengthen the means of implementation and revitalize the global partnership for sustainable development	<ul style="list-style-type: none">Leadership & Human Capital DevelopmentInnovation ManagementStakeholder Engagement



LRQA Independent Assurance Statement

Relating to C.P. Intertrade Company Limited's Sustainability Report for the calendar year 2022

This Assurance Statement has been prepared for C.P. Intertrade Company Limited in accordance with our contract but is intended for the readers of this Report.

Terms of engagement

LRQA (Thailand) Ltd. was commissioned by C.P. Intertrade Company Limited (CPTG) to provide independent assurance on its Sustainability Report 2022 "the report" against the assurance criteria below to a moderate level of assurance and at the materiality of the professional judgement of the verifier, using AccountAbility's AA1000AS v3¹, where the scope was a Type 2 engagement.

Our assurance engagement covered CPTG's subsidiaries in Thailand only includes the rice business, transportations, and services and specifically the following requirements:

- Evaluating CPTG's adherence to AA1000 AccountAbility Principles (2018) of Inclusivity, Materiality, Responsiveness, and Impact.
- Confirming that the report is in accordance with:
 - GRI Standards (2021)
- Evaluating the reliability of data and information for only the selected indicators listed below:²
 - *Environmental:*
GRI 302-1 Energy consumption within the organization, GRI 303-3 Water withdrawal, GRI 303-4 Water discharge, GRI 303-5 Water consumption, GRI 305-1 Direct (scope 1) GHG emissions, GRI 305-2 Energy indirect (scope 2) GHG emissions, GRI 306-3 Waste generated, GRI 306-4 Waste diverted from disposal and GRI 306-5 Waste directed to disposal.
 - *Social:*
GRI 403-9 to 10 Work-related injuries and ill health.

Our assurance engagement excluded the data and information of CPTG's subsidiaries within Thailand where it has no operational control, all operations, and activities outside of Thailand and suppliers and any third-parties mentioned in the report.

LRQA's responsibility is only to CPTG. LRQA disclaims any liability or responsibility to others as explained in the end footnote. CPTG's responsibility is for collecting, aggregating, analysing and presenting all the data and information within the report and for maintaining effective internal controls over the systems from which the report is derived. Ultimately, the report has been approved by, and remains the responsibility of CPTG.

LRQA's Opinion

Based on LRQA's approach nothing has come to our attention that would cause us to believe that CPTG has not, in all material respects:

- Met the requirements above
- Disclosed reliable performance data and information as no errors or omissions were detected
- Covered all the issues that are important to the stakeholders and readers of this report.

The opinion expressed is formed on the basis of a moderate level of assurance and at the materiality of the professional judgement of the verifier.

Note: The extent of evidence-gathering for a moderate assurance engagement is less than for a reasonable assurance engagement. Moderate assurance engagements focus on aggregated data rather than physically checking source data at sites. Consequently, the level of assurance obtained in a moderate assurance engagement is substantially lower than the assurance that would have been obtained had a reasonable assurance engagement been performed.

LRQA's approach

LRQA's assurance engagements are carried out in accordance with our verification procedure. The following tasks though were undertaken as part of the evidence gathering process for this assurance engagement:

- Assessing CPTG's approach to stakeholder engagement to confirm that issues raised by stakeholders were captured correctly. We did this by interviewing CPTG's management who engage directly with stakeholder groups as well as reviewing documents and associated records.

² GHG quantification is subject to inherent uncertainty.

- Reviewing CPTG's process for identifying and determining material issues to confirm that the right issues were included in their report. We did this by benchmarking reports written by CPTG and its peers to ensure that sector specific issues were included for comparability. We also tested the filters used in determining material issues to evaluate whether CPTG makes informed business decisions that may create opportunities which contribute towards sustainable development.
- Auditing CPTG's data management systems to confirm that there were no significant errors, omissions or mis-statements in the report. We did this by reviewing the effectiveness of data handling process, and systems, including those for internal verification. We also spoke with key people in various departments responsible for compiling the data and drafting the report.
- Visited CPTG's operations as business representative (Nakhonluang Rice Mill and Logistics office in Bangkok) to sample performance data and information for the selected specific standard disclosures to confirm its reliability.

Observations

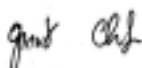
Further observations and findings, made during the assurance engagement, are:

- Stakeholder inclusivity: We are not aware of any key stakeholder groups that have been excluded from CPTG's stakeholder engagement process. CPTG has addressed the key stakeholder group's opinion regarding their impacts.
- Materiality: We are not aware of any material issues concerning CPTG's sustainability performance that have been excluded from the report. CPTG has processes for identifying and determining material issues based on a set of unbiased criteria and qualitative impact valuation.
- Responsiveness: CPTG has addressed the concerns of stakeholders in relation to transition plan for climate change. However, we believe that future reports should disclose safety practices and improvement in all CPTG operations.
- Reliability: Data management systems are well defined, but the implementation of these systems varies across CPTG's operational facilities.
- Impact: CPTG has addressed impacts valuation of an agriculture products, food loss and climate change related.

LRQA's standards, competence and independence

LRQA ensures the selection of appropriately qualified individuals based on their qualifications, training and experience. The outcome of all verification and certification assessments is then internally reviewed by senior management to ensure that the approach applied is rigorous and transparent.

This verification is the only works undertaken by LRQA for CPTG and as such does not compromise our independence or impartiality.



Opart Charuratana
Lead Verifier

Dated: 12 August 2023

On behalf of LRQA (Thailand) Ltd.
No.9, G Tower Grand Rama 9, FL. 30, Room H14,
Rama 9 Rd., HuayKwang, Bangkok, 10310, THAILAND

LRQA reference: BGK00000865A

LRQA Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'LRQA'. LRQA assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant LRQA entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

The English version of this Assurance Statement is the only valid version. LRQA Group Limited assumes no responsibility for versions translated into other languages.

This Assurance Statement is only valid when published with the Report to which it refers. It may only be reproduced in its entirety.

Copyright © LRQA Group Limited, 2023.