TABLE OF CONTENTS

1. Introduction 3
2. Executive Summary 4
3. SDG Prioritization Process 5
   SDG Prioritization Process
   C.P. Group Activities, Strategy and Goals
   Dashboard of Strategically Important SDGs
   Dashboard of Important SDGs
4. Strategically Important SDGs 10
   SDG 3 Good Health and Well-being
   SDG 4 Quality Education
   SDG 8 Decent Work and Economic Growth
   SDG 12 Responsible Consumption and Production
   SDG 13 Climate Action
   SDG 14 Life below Water
   SDG 15 Life on Land
   SDG 17 Partnership for the Goals
5. Important SDGs 19
   SDG 1 No Poverty
   SDG 2 Zero Hunger
   SDG 5 Gender Equality
   SDG 6 Clean Water and Sanitation
   SDG 7 Affordable and Clean Energy
   SDG 9 Industry, Innovation and Infrastructure
   SDG 10 Reduced Inequality
   SDG 11 Sustainable Cities and Communities
   SDG 16 Peace, Justice and Strong Institutions
1. INTRODUCTION

Our journey towards sustainable development is ongoing, hence this report is highlighting our endeavors across three dimensions of sustainability and how they contribute to the 17 SDGs.

Charoen Pokphand Group is committed to contributing to the achievement of the Global Goal or Sustainable Development Goals (SDGs). As the organization with sustainability deeply rooted in all of our strategies and activities, we recognized the significance of aligning our activities with the SDGs and transparently reporting our contributions, progress, and challenges we encounter during the reporting period, between 1st January to 31st December 2023.

Our journey towards sustainable development is ongoing, hence this report is highlighting our endeavors across three dimensions of sustainability and how they contribute to the 17 SDGs. We prioritize our contribution to SDGs into two levels: Strategically Important and Important. The prioritization allows us to systematically allocate our resources, expertise, and partnership to building resilient communities, fostering equitable growth, and safeguarding our planet for future generations.
2. EXECUTIVE SUMMARY

This Sustainable Development Goals Report 2022, is the second of its edition developed by Charoen Pokphand Group. The report represents an overview of the significant contributions and progresses made by the Group toward the achievement of the Sustainable Development Goals or SDGs during the reporting period between 1st January to 31st December 2022. Charoen Pokphand Group uses SDG Compass to prioritize and maximize our contribution to the SDGs. The SDG Prioritization Process can be classified into six steps, as follows:

**Mapping**: The mapping helps identify the SDGs that align most closely with our core business operations, value chain, and impacts.

**Assessing Relevance**: The Group, then evaluates the relevance and significance of each SDG to their operations and stakeholders. It helps identify the SDGs that are most material and critical to the organization’s sustainability agenda.

**Prioritization**: The prioritization involves considering factors such as the organization’s capacity, expertise, influence, and potential for meaningful change. It helps focus resources, efforts, and initiatives on the most significant SDGs for the organization.

**Setting Target**: Clear targets provide a framework for monitoring progress and holding the organization accountable for its contributions.

**Integrating into Strategy**: The integration ensures that sustainability considerations, including the SDGs, are embedded throughout the organization’s operations, governance, and value chain.

**Reporting and Communication**: Transparent reporting enables stakeholders to assess the organization’s contributions, achievements, and areas for improvement.

In 2022, Charoen Pokphand Group revised our contribution to the Goals and supporting targets and found that SDG 13 is a challenging Goal for the Group, since our progress to meet the annual GHG emissions reduction target is lacking behind. At the same time, education development, access to nutritious food, and biodiversity protection have increased their significance over the year, so SDG 3, SDG 14 and SDG 15 have been added to the Strategically Important SDG list along with other supporting targets.
At Charoen Pokphand Group, we recognize the importance of prioritizing the Sustainable Development Goals (SDGs) to effectively focus our efforts and resources. Our SDG prioritization process involves a comprehensive and participatory approach, considering various factors to determine the goals that are most relevant and impactful within our context.
As a global company with operations across 21 countries and economies, it is important for Charoen Pokphand Group to embrace and integrate international sustainability development frameworks into our strategy development, everyday activities, and value chain management. The international framework assists the Group in setting mutual standards for sustainable development, as well as help us identify impacts, risks and opportunities that we are creating for the external environment and society. One of the international frameworks that the Group has been adhering to is the Sustainable Development Goals or SDGs. There are 17 Goals within the SDGs, with different objectives, but the ultimate purpose of the SDGs is to create an inclusive society, where everyone has equal opportunity to access resources of all kinds. Therefore, to maximize our impact in creating a better world for the next generations, it is important to prioritize the SDGs to effectively focus our efforts and resources.

Charoen Pokphand Group has been using SDG Compass as a guideline in our SDG prioritization process, which is a comprehensive and participatory approach, considering various factors to determine the Goals and supporting targets that are most relevant and impactful to our context. In addition to the SDG Compass, the Group also has been taking global trends related to our industries, risks and stakeholders’ expectations in the prioritization process. These enable us to better understand our impacts along the value chain. These formed C.P. Group’s SDG Prioritization Process, which can be classified into six steps, as follows:

1. **Mapping:** It is important to map the Group’s existing strategies, initiatives, and activities against the 17 SDGs. This mapping exercise helps identify the SDGs that align most closely with our core business operations, value chain, and impacts. Additionally, it provides a baseline understanding of the organization's current contributions and areas for further improvement.

2. **Assessing Relevance:** After mapping, the Group then evaluates the relevance and significance of each SDG to our operations and stakeholders. This assessment considers factors such as the organization’s sector, geographical location, and stakeholder expectations. It helps identify the SDGs that are most material and critical to the organization’s sustainability agenda.

3. **Prioritization:** Based on the result from the relevance assessment, the Group prioritizes a subset of SDGs that are most material to our operations and where we can make the greatest impact. This prioritization involves considering factors such as capacity, expertise, influence, and potential for meaningful change. It helps us to be better focused on resources, efforts, and initiatives on the most significant SDGs for the organization.

4. **Setting Target:** Once the prioritized SDGs are identified, it is crucial to set specific and measurable targets that aligned with identified goals. These targets should be ambitious, yet realistic, and consider the organization’s contribution towards achieving the SDGs within a given timeframe. Clear targets provide a framework for monitoring progress and holding the organization accountable for its contributions.

5. **Integrating into Strategy:** The prioritized SDGs and associated targets are integrated into the Group’s overall strategic planning and decision-making processes. This integration ensures that sustainability considerations, including the SDGs, are embedded throughout the organization’s operations, governance, and value chain. It facilitates a cohesive approach to sustainable development, aligning business objectives with societal needs.

6. **Reporting and Communication:** After the prioritization has been set and works have been under process, it is important to report our progress and performance against the prioritized SDGs, using the SDG targets as a framework for disclosure. Transparent reporting enables stakeholders to assess the organization’s contributions, achievements, and areas for improvement. It fosters accountability and supports effective communication with stakeholders.
Strategically Important SDGs

<table>
<thead>
<tr>
<th>SDG</th>
<th>Description</th>
<th>CPG Value Chain</th>
<th>Corporate Strategy</th>
<th>CPG Sustainability Goals</th>
<th>Prioritization</th>
<th>Related Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>SDG 1</td>
<td>No Poverty</td>
<td>☐     ☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>Social Impact and Economic Contribution</td>
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<td>SDG 2</td>
<td>Zero Hunger</td>
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<td>☐</td>
<td>☐</td>
<td>Food Security and Access to Nutrition, Health and Well-being</td>
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<tr>
<td>SDG 3</td>
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<td>☐</td>
<td>Health and Well-being</td>
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<td>SDG 4</td>
<td>Quality Education</td>
<td>☐     ☐</td>
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<td>☐</td>
<td>☐</td>
<td>Education and Inequality Reduction, Leadership and Human Capital Development</td>
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<td>SDG 5</td>
<td>Gender Equality</td>
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<td>☐</td>
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<td>SDG 6</td>
<td>Clean Water and Sanitation</td>
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<td>☐</td>
<td>Water Stewardship</td>
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<td>SDG 7</td>
<td>Affordable and Clean Energy</td>
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<td>☐</td>
<td>Climate Resilience</td>
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<td>☐</td>
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<td>Human Rights and Labor Practices</td>
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<td>SDG 9</td>
<td>Industry, Innovation and Infrastructure</td>
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<td>Innovation</td>
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<td>SDG 10</td>
<td>Reduced Inequalities</td>
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<td>☐</td>
<td>☐</td>
<td>Human Rights and Labor Practices</td>
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<td>SDG 11</td>
<td>Sustainable Cities and Communities</td>
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<td>☐</td>
<td>Climate Resilience</td>
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<td>SDG 12</td>
<td>Responsible Consumption and Production</td>
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<td>☐</td>
<td>☐</td>
<td>Climate Resilience, Circular Economy, Responsible Supply Chain Management</td>
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<tr>
<td>SDG 13</td>
<td>Climate Action</td>
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<td>☐</td>
<td>Climate Resilience</td>
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<tr>
<td>SDG 14</td>
<td>Life below Water</td>
<td>☐     ☐</td>
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<td>☐</td>
<td>☐</td>
<td>Ecosystem and Biodiversity Protection</td>
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<tr>
<td>SDG 15</td>
<td>Life on Land</td>
<td>☐     ☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>Ecosystem and Biodiversity Protection</td>
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<tr>
<td>SDG 16</td>
<td>Peace, Justice and Strong Institutions</td>
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<td>☐</td>
<td>☐</td>
<td>Corporate Governance</td>
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<tr>
<td>SDG 17</td>
<td>Partnerships for the Goals</td>
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<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>Stakeholder Engagement, Cybersecurity and Data Protection</td>
</tr>
</tbody>
</table>

Connection: ☐ = Low, ☐ = Medium, ☐ = High, ☐ ☐ = Very High
Strategically Important Goals: ☐ ☐ ☐
Important Goals: ☐ ☐
Dashboard of Strategically Important SDGs
The Group can identify eight SDGs as our Strategically Important SDGs. These SDGs address the *most pressing environmental, social and economic challenges*, both for the Group and our stakeholders.
Charoen Pokphand Group is actively contributing to the achievement of SDG 3 through various initiatives that promote healthcare access, disease prevention, and overall well-being, both employees, communities, and societies. Several programs have been implemented to improve healthcare infrastructure and services. The Group also collaborates with local healthcare providers and organizations to enhance medical facilities, provide medical equipment, and support training for healthcare professionals. Furthermore, the Group prioritizes employee health and safety by implementing comprehensive occupational health and safety measures across operations. This is to reduce the number of fatalities and injuries among our employees and contractors.

### SDG 3: Good Health and Well-being

<table>
<thead>
<tr>
<th>Stakeholders Directly Impacted</th>
<th>Alignment with C.P. Group 2030 Goals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Farmers</td>
<td>Human Rights and Labor Practices</td>
</tr>
<tr>
<td>Business Partners</td>
<td></td>
</tr>
<tr>
<td>Customers &amp; Consumers</td>
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<tr>
<td>Communities &amp; Societies</td>
<td>Health &amp; Well-being</td>
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<tr>
<td>Employees &amp; Families</td>
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#### SAFETY OF EMPLOYEES AND CONTRACTORS

- **Lost Time Injury Rate in 2022**
  - Employees: 1.39
  - Contractors: 0.72
  - Unit: Case/1,000,000 hours worked

#### PARTNERSHIP for BETTER HEALTH

- **C.P. Group Collaborate with Partners to Develop Innovation and Technology for Better Health**
- **Joint Partnership in 2022**
- **9 Organizations**

#### BLOOD DONATION

- **C.P. Group’s Blood Bank Received**
  - 9,850,400
- **C.C of Blood in 2022**
Charoen Pokphand Group is aimed at improving access to education for youth, enhancing learning outcomes, and promoting lifelong learning opportunities. The Group has established educational programs and scholarships that support students from disadvantaged backgrounds, enabling them to pursue quality education and develop their skills. Collaboration with schools and educational institutions to enhance infrastructure, provide resources, and promote innovative teaching methods. Additionally, the Group invests in vocational training and skills development programs, equipping individuals with the necessary knowledge and capabilities for employment and entrepreneurship.

**SDG 4: Quality Education**

**Stakeholders Directly Impacted**
- Farmers
- Communities & Societies
- Business Partners
- Employees & Families
- Competitors
- Customers & Consumers

**Alignment with C.P. Group 2030 Goals**
- Education and Inequality Reduction
- Social Impact and Economic Contribution
- Leadership and Human Capital Development
- Responsible Supply Chain Management

**QUALITY EDUCATION**

Children, Youths and Adults
With Access to Quality Education and Necessary Skill Development

45.5 Million People (Accumulative Data)

**EMPLOYEE TRAINING**

In 2022 Our Employees Received

- 23.58 Hours of Training / Person / Year
- 21.23 Hours of Training / Person / Year
- 18.71 Hours of Training / Person / Year

**SUPPLIER DEVELOPMENT**

Number of Suppliers Received in SCoC and ESG Issues Development
6,918 Suppliers

**ACCESSIBILITY CHANNELS**

Online 76%
Offline 24%
Charoen Pokphand Group is contributing to SDG 8 through various business operations and initiatives, such as creating employment opportunities, fostering inclusive economic growth, and promoting fair labor practices. The Group prioritizes employee well-being, providing training, fair benefits, and ensuring decent working conditions. Additionally, the company supports small and medium-sized enterprises, offering market access and business support services to foster entrepreneurship and economic development.

### Stakeholders Directly Impacted

<table>
<thead>
<tr>
<th>SDG Targets</th>
<th>SDG 8: Decent Work and Economic Growth</th>
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<tbody>
<tr>
<td>8.2</td>
<td>Farmers</td>
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<tr>
<td>8.3</td>
<td>Communities &amp; Societies</td>
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<td>8.4</td>
<td>Business Partners</td>
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<td>Employees &amp; Families</td>
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<td>Customers &amp; Consumers</td>
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### Alignment with C.P. Group 2030 Goals

- Human Rights and Labor Practices
- Education and Inequality Reduction
- Leadership and Human Capital Development
- Social Impact and Economic Contribution
- Innovation
- Climate Resilience
- Responsible Supply Chain Management

### Employee Diversity

C.P. Group has Over 441,606 Employees Across 21 Countries and Economies

### Human Rights

100% of our Businesses received Human Rights Risk Assessment and Salient Issues has been Identified

### Economic Development

Number of Small and Medium-size Enterprises that received Support for C.P. Group: 892,715 SMES
Charoen Pokphand Group has implemented various initiatives to promote sustainable practices throughout our value chain. The Group has adopted efficient resource management strategies to reduce waste generation, optimize energy consumption, and minimize environmental impacts. The Group has also prioritized sustainable sourcing and production methods, incorporating circular economy principles into their operations. Furthermore, the Group has actively promoted responsible consumption by offering eco-friendly products and raising awareness among consumers about the importance of making sustainable choices.

**SDG 12: Responsible Consumption and Production**

**ENERGY REDUCTION**

In 2022, Energy Consumption of C.P. Group Increased by 3.7 Million Gigajoules

AT THE SAME TIME

The use of Renewable Energy Increase by 15%

**FOOD WASTE REDUCTION**

Total Food Loss and Food Waste: 203.93 Thousand Tons

Food Loss: 63.4% Reduced from 2020

Food Waste: 36.6%

**WASTE REDUCTION**

Total Waste Reduction: 110,362 Ton

Plastic packaging that are recyclable, reusable or compostable 94.53%
Charoen Pokphand Group has taken proactive measures to mitigate climate change and reduce our carbon footprint. The Group has made substantial investments in renewable energy sources, such as solar, to decrease reliance on fossil fuels. Additionally, we have implemented energy-efficient practices across our operations and adopted innovative technologies to minimize greenhouse gas emissions. The group has also demonstrated a commitment to sustainable agriculture by promoting climate-smart farming techniques and supporting farmers in adopting climate-resilient practices.

### Stakeholders Directly Impacted

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</table>

### GHG Reduction

- **Scope 1**: 1.61%
- **Scope 2**: 6.31%
- **Scope 3**: 92.08%
- **Total**: 73.35 Million Ton CO₂e

**Reduced from Baseline**: 2.64%

**Science-based Targets**

- By 2030, **Reduce Scope 1 + 2 by 42% and Scope 3 by 25% from 2021 Baseline**
- By 2050, **Reduce Scope 1 + 2 + 3 by 90% from 2021 Baseline**

### Carbon Neutral and Net Zero

C.P. Group aligns our GHG Emissions Reduction in accordance with

- **Science-based Targets**
  - By 2030, **Reduce Scope 1 + 2 by 42% and Scope 3 by 25% from 2021 Baseline**
  - By 2050, **Reduce Scope 1 + 2 + 3 by 90% from 2021 Baseline**

**Environmental Investment**

- **Cost of Environmental Investment in 2022**: 4,822 Million THB

**SDG Targets**

- **13.3**: Further reduce GHG emissions and implement climate-smart agriculture practices.
To promote Charoen Pokphand Group’s contribution to SDG 14, we have demonstrated a strong commitment to marine conservation and the sustainable use of ocean resources. The Group has actively supported efforts to protect and restore marine ecosystems, promote sustainable fishing practices, and reduce marine pollution. The group has implemented measures to minimize its environmental footprint and has engaged in partnerships and collaborations to drive positive change in the industry, such as tree planting, artificial reef construction, and seagrass planting.

**SDG Targets**


**Were Implemented in Collaboration with Communities and Government**

- Mangrove Forest Plantation
- Sustainable Fishing Education for Local Communities
- Artificial Reef
- Seagrass Planting

**MARINE AND COASTAL ECOSYSTEM PROTECTION AND RESTORATION**

**Stakeholders Directly Impacted**

- Farmers
- Business Partners
- Customers & Consumers
- Communities & Societies
- Employees & Families

**Alignment with C.P. Group 2030 Goals**

- Water Stewardship
- Ecosystem & Biodiversity Protection

**5 Projects**

**Biodiversity Offsetting**

- 7,000 Million Juvenile Aquatic Animals
  - Were Released to Increase Marine Biodiversity

**Beneficiary Fisherman**

- 100 Communities
  - Received Benefit from C.P. Group’s Marine Conservation Projects

**Partnership**

Sustainable Collaboration to Protect and Restore Marine and Coastal Ecosystem
Charoen Pokphand Group has actively supported reforestation efforts, promoting sustainable land management practices, and conserving biodiversity. Through partnerships and collaborations, the Group has worked towards conserving and restoring ecosystems, protecting endangered species, and combating illegal wildlife trade. Additionally, the Group has integrated sustainable practices into its own operations to minimize the environmental impact of its activities.

**SDG 15: Life on Land**

Charoen Pokphand Group has actively supported reforestation efforts, promoting sustainable land management practices, and conserving biodiversity. Through partnerships and collaborations, the Group has worked towards conserving and restoring ecosystems, protecting endangered species, and combating illegal wildlife trade. Additionally, the Group has integrated sustainable practices into its own operations to minimize the environmental impact of its activities.

### Stakeholders Directly Impacted

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<td>Ecosystem &amp; Biodiversity Protection</td>
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<td>Business Partners</td>
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<tr>
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</table>

**Biodiversity Risk Assessment**

Integrated Biodiversity Assessment Tool (IBAT) is used to determine the possible risks of being situated in key biodiversity areas. 1,991 sites are situated near environmental protection areas or 16% of total operation sites.

**Raw Material Traceability**

C.P. Group has Traceability System to Reassure Consumers that Raw Materials Proceed from Sustainable Sources. 5 items of high-risk raw material have been traced.

**Tree Planting**

C.P. Group targeted to plant 20 million trees by 2025. 8.2 million trees have been planted since 2021.
Recognizing the importance of collaboration and collective action, Charoen Pokphand Group has actively engaged in partnerships and initiatives aimed at achieving sustainable development. The Group has forged alliances with various stakeholders, including governments, NGOs, and academia, to address pressing global challenges. Through these partnerships, the group has worked towards promoting sustainable business practices, knowledge sharing, and capacity building. The Group has also contributed to the mobilization of resources, including financial investments and technological expertise, to support sustainable development projects around the world.

### Collaborations for Sustainable Development

#### Stakeholders Directly Impacted

- Farmers
- Business Partners
- Communities & Societies
- Employees & Families
- NGOs
- Customers & Consumers
- Governments

#### Alignment with C.P. Group 2030 Goals

- Education and Inequality Reduction
- Cybersecurity and Data Protection
- Stakeholder Engagement

### To Achieve Sustainable Future for the Next Generations, Collaborations between Sectors are Important

C.P Group has Partnership both at National and International Level

- National
- International
5. IMPORTANT SDGs

The Group is also striving to promote Just Transition for all to have equal access to clean water, adequate energy, and sustainable jobs.

From the SDG Prioritization Process, Charoen Pokphand Group can identify nine SDGs as our Important SDGs. These SDGs also address environmental, social and economic challenges, both for the Group and our stakeholders. For Important SDGs, the Group will focus on reducing poverty and equality through our products and services. The Group is also striving to promote Just Transition for all to have equal access to clean water, adequate energy, and sustainable jobs.
Charoen Pokphand Group has actively worked towards reducing poverty and improving livelihoods in the communities we have operations in. The group has implemented numerous projects focused on agricultural development, rural empowerment, and inclusive economic growth. By promoting sustainable farming practices, providing training and support to farmers, and facilitating access to markets, the Group has played a crucial role in enhancing the productivity and income of small-scale farmers, thereby lifting them out of poverty. Additionally, the Group has also launched initiatives to empower women, create employment opportunities, and improve access to education and healthcare, contributing to the overall goal of eradicating poverty and creating a more equitable society.
As a leading agribusiness conglomerate, Charoen Pokphand Group has played a pivotal role in advancing agricultural practices, enhancing food production, and promoting sustainable food systems. Through our extensive network of farms, processing facilities, and distribution channels, the Group has worked towards increasing agricultural productivity and improving food supply chains. By implementing innovative technologies, providing training and support to farmers, and promoting responsible farming practices, the Group has helped increase crop yields, reduce post-harvest losses, and enhance food safety standards. Moreover, the group has also invested in research and development to develop resilient crop varieties and sustainable farming techniques.

**SDG 2: Zero Hunger**

To Establish Food Security, the Group has Invested in Developing Countries as well as Food-insecure Countries

**SDG Targets**

| 2.1 | 2.2 |
| 2.3 | 2.4 |

**Stakeholders Directly Impacted**

- Farmers
- Business Partners
- Competitors
- Communities & Societies
- Employees & Families
- Customers & Consumers

**Alignment with C.P. Group 2030 Goals**

- Health & Well-being
- Social Impact and Economic Contribution
- Food Security & Access to Nutrition
- Responsible Supply Chain Management

**FOOD SECURITY**

To Establish Food Security, the Group has Invested in Developing Countries as well as Food-insecure Countries

**ACCESS TO NUTRITIOUS FOOD**

Number of Nutritious and Safe Food Delivered to Vulnerable Groups

Through Internal and External Collaborations

**HEALTH AND WELL-BEING PRODUCTS & SERVICES**

901 Products and services

**Total Amount of Health and Well-being Products and Services**

3.15 Million Meals

Number of Nutritious and Safe Food Delivered to Vulnerable Groups

Through Internal and External Collaborations

**HEALTH AND WELL-BEING PRODUCTS & SERVICES**

901 Products and services

**Total Amount of Health and Well-being Products and Services**

3.15 Million Meals
Charoen Pokphand Group has implemented various initiatives to promote gender equality within our organization and in the communities surrounding our operations. We have fostered an inclusive and diverse work environment by implementing policies that support women’s empowerment, such as equal pay, career advancement opportunities, and work-life balance initiatives. Additionally, the Group has launched programs focused on women’s entrepreneurship, providing training, access to capital, and business development support to female entrepreneurs. These initiatives have enabled women to start and grow their businesses, enhancing their economic empowerment and contributing to the overall goal of gender equality.

SDG Targets

<table>
<thead>
<tr>
<th>SDG Target</th>
<th>Stakeholders Directly Impacted</th>
<th>Alignment with C.P. Group 2030 Goals</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.1</td>
<td>Farmers, Business Partners, Employees &amp; Families</td>
<td>Human Rights and Labor Practices</td>
</tr>
<tr>
<td>5.2</td>
<td>Customers &amp; Consumers</td>
<td>Education and Inequality Reduction</td>
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<tr>
<td>5.5</td>
<td>Farmers, Business Partners, Employees &amp; Families</td>
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</tr>
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**员工多样化**

我们的员工在年龄、性别和国籍方面多元化。

- **性别**：女性 51% 男性 49%
- **年龄**：
  - <30 Years Old: 42%
  - 30-50 Years Old: 52%
  - >50 Years Old: 6%
- **国籍**：
  - 泰国 64%
  - 中国 20%
  - 其他 6%
Charoen Pokphand Group has made significant contributions to SDG 6, which focuses on ensuring access to clean water and sanitation for all. Recognizing the importance of water conservation and sustainable water management, the Group has implemented various initiatives to address water-related challenges. Throughout agricultural operations, the Group has implemented efficient irrigation systems, water-saving techniques, and advanced farming practices to minimize water usage and reduce water wastage. The Group has also invested in wastewater treatment facilities to ensure responsible discharge and minimize water pollution. Moreover, the Group has engaged in community-based water management projects, promoting access to clean water and sanitation facilities in the areas we have operations. The Group also partners with suppliers in implementing water conservation programs to proactively promote water saving at the upstream level.

### Stakeholders Directly Impacted

<table>
<thead>
<tr>
<th>SDG Targets</th>
<th>Stakeholders Directly Impacted</th>
<th>Alignment with C.P. Group 2030 Goals</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.1</td>
<td>Farmers</td>
<td>Water Stewardship</td>
</tr>
<tr>
<td>6.3</td>
<td>Business Partners</td>
<td>Ecosystem &amp; Biodiversity Protection</td>
</tr>
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<td>6.4</td>
<td>Communities &amp; Societies</td>
<td></td>
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<tr>
<td>6.5</td>
<td>Employees &amp; Families</td>
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<td>6.6</td>
<td>Governments</td>
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### CIRCULAR WATER MANAGEMENT

- **Water Reused / Recycled**: 69 Million Cubic Meters

### Reduction of Water Withdrawals

- **Per Unit Revenue Compared to Baseline Year 2020**: 37%

### WATER RISK

- **ALL PRODUCTION UNITS** were conducted water risk assessment, and 1% of all Units is identified with High Water Risk level.

### SUPPLIERS WATER MANAGEMENT

- C.P. Group collaborates with Suppliers to
  - **ENHANCE WATER EFFICIENCY**
  - Throughout the Supply Chain
Charoen Pokphand Group has been actively involved in promoting renewable energy and sustainable practices. The group has invested in renewable energy projects, such as solar installations, to reduce reliance on fossil fuels and promote clean energy generation. Additionally, the Group has implemented energy efficiency measures across its operations, aiming to minimize energy consumption and reduce carbon emissions. By adopting sustainable energy practices, the Group has not only reduced its environmental impact, but has also contributed to the availability of affordable and sustainable energy sources. Furthermore, the Group has supported community-based energy projects and initiatives, aiming to improve access to electricity and clean energy in underserved areas.

### SDG 7: Affordable and Clean Energy

**SDG Targets**
- 7.2
- 7.3

**SDG Targets**

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<td>Climate Resilience</td>
</tr>
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<tr>
<td>Customers &amp; Consumers</td>
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</table>

**Renewable Energy Usage**

- **Total Usage in our Operations**
  - Biomass: 64%
  - Biogas: 13%
  - REC & PPA: 12%
  - Solar Energy: 10%
  - Thermal Energy: 0.2%

- **Renewable Energy Usage**
  - **7.98 Million Gigajoules**

**Renewable Energy Promotion**

- **C.P. Group Promotes Access to Renewable Energy for Societies by Installing EV Charging Stations**
  - **24 EV Charging Stations Installed in 2022**
  - **51.75 MWh/year of Electricity Produced**
Charoen Pokphand Group has actively invested in infrastructure development projects, particularly in the areas of transportation and logistics. By expanding and modernizing transportation networks, including ports, airports, and highways, the Group has enhanced connectivity and facilitated the movement of goods. Furthermore, the Group has played a significant role in promoting sustainable industrialization by implementing advanced manufacturing processes and technologies. Moreover, the Group has also supported innovation and research and development initiatives, fostering technological advancements and promoted entrepreneurship. Through these efforts, the Group has contributed to economic growth, job creation, and the development of sustainable industries.

**SDG 9: Industry, Innovation and Infrastructure**

**Stakeholders Directly Impacted**
- Farmers
- Communities & Societies
- Business Partners
- Creditors
- Employees & Families
- NGO
- Governments
- Competitors
- Media
- Shareholders & Investors
- Customers & Consumers

**Alignment with C.P. Group 2030 Goals**
- Cybersecurity & Data Protection
- Social Impact and Economic Contribution
- Innovation
- Climate Resilience
- Responsible Supply Chain Management

**RESEARCH & DEVELOPMENT PROMOTION**

- **R&D Expenditures**: 28,753 Million THB
  - INCREASED 26.7% FROM 2021

**PATENT FILING**

- **Registered Patents and Petty Patent**: 3,658
  - Patent (Accumulated)

**DATA PROTECTION TRAINING**

- **Number of Employees Took Personal Data Protection Training**: 180,415 Employees
Charoen Pokphand Group has implemented various initiatives to promote social inclusivity and reduce economic disparities. Through our diverse businesses, the Group has prioritized fair and ethical business practices, ensuring equal opportunities for our employees and suppliers. The group has implemented policies that promote diversity, equity, and inclusion, fostering a supportive work environment for all. Additionally, the Group has launched initiatives to empower marginalized communities and support vulnerable groups, such as women, children, and individuals with disabilities. By providing education and skill development programs, vocational training, and access to healthcare services, the Group has worked towards reducing social inequalities and promoting social mobility. Furthermore, the Group has actively engaged in philanthropic activities and community development projects, focusing on uplifting disadvantaged communities and addressing social challenges.

### SDG 10: Reduced Inequalities

Charoen Pokphand Group has implemented various initiatives to promote social inclusivity and reduce economic disparities. Through our diverse businesses, the Group has prioritized fair and ethical business practices, ensuring equal opportunities for our employees and suppliers. The group has implemented policies that promote diversity, equity, and inclusion, fostering a supportive work environment for all. Additionally, the Group has launched initiatives to empower marginalized communities and support vulnerable groups, such as women, children, and individuals with disabilities. By providing education and skill development programs, vocational training, and access to healthcare services, the Group has worked towards reducing social inequalities and promoting social mobility. Furthermore, the Group has actively engaged in philanthropic activities and community development projects, focusing on uplifting disadvantaged communities and addressing social challenges.

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<td>Farmers</td>
<td>Human Rights and Labor Practices</td>
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<td>Business Partners</td>
<td>Social Impact and Economic Contribution</td>
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<td>10.3</td>
<td>Communities &amp; Societies</td>
<td>Education and Inequality Reduction</td>
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#### UPHOLDING EQUITY SOCIETIES

To Support our Target of **Eliminating Inequality**

Along Supply Chain, Policies were Endorsed

- **Discrimination and Harassment Prevention Policy**
- **Diversity, Equity, and Inclusion Policy**

#### SOCIETIES EMPOWERMENT

**Received Supports in Development of Knowledge, Skill, and Career, as well as Marketing Opportunities**

- **2.3 Million People**
- **1,061,524 People**
- **892,715 People**
- **192,525 People**
- **168,244 People**
To Promote Sustainable Cities and Communities, Charoen Pokphand Group has actively engaged in sustainable urban and suburban development initiatives and investments. The group emphasizes the integration of green building practices, energy efficiency measures, and the use of renewable energy sources in its construction projects. Additionally, waste management is another crucial issue that required emergency attention, hence the Group has utilized technology and innovation to reduce the volume of waste and reused them to the maximum benefit.

**SDG 11: Sustainable Cities and Communities**

**WASTE MANAGEMENT**

- **Total Waste Generation in 2022**
  - 1,128.87 Thousand Tons

- **Wastes Diverted from Disposal**
  - 89.7% of 1,128.87 Thousand Tons

**AIR QUALITY MANAGEMENT**

- **Volatile Organic Compounds (VOCs) Emissions**
  - 130.87 Tons
  - 1.52% DECREASED FROM 2021

**QUALITY PRODUCTION SITES**

- 100% Of Operation Sites and Stores Receives Quality Certifications
Charoen Pokphand Group has demonstrated a commitment to ethical business practices and corporate governance, fostering transparency, accountability, and integrity across our operations. By adhering to high ethical standards, the Group has contributed to the development of strong institutions and good governance. The Group has also supported initiatives that promote access to justice, human rights, and the rule of law. Through its philanthropic activities, the Group has actively engaged in community development projects, focusing on social justice, human rights, and equal access to opportunities. Moreover, the Group has partnered with governmental and non-governmental organizations, both national and international level, to address social issues and promote peace-building efforts.

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<tr>
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**SDG 16: Peace, Justice and Strong Institutions**

In 2022, C.P. Group has 13 substantiated cases against codes of conduct, which was 46% lower than 2021. This was the number of cases received through C.P. Group’s Whistleblower Channel.

C.P. Group were Honored by Ethisphere of the Most Ethical Business for 3 consecutive years.