



C.P. GROUP



CP for good deeds



CP
FOR
SUSTAINABILITY

ซีพี...เพื่อความยั่งยืน

ECO-LABELED AND SUSTAINABLE PRODUCTS AND SERVICES CLASSIFICATION SYSTEM AND REVENUES

For C.P. Group Sustainability Report 2025

Presentation by
Charoen Pokphand Group

**FORWARD
FASTER** 

FOR A BETTER TOMORROW



Eco-Labeled and Sustainable Products and Services Classification System



C.P. Group establishes a structured classification system for sustainable products and services definitions, grouping its eligible offerings into Third-Party Certified Eco-Labels and EU Taxonomy-aligned activities to ensure environmental credibility, transparency, and international alignment.



Third-Party Certified Eco-labels

Eco-labeled products are certified by independent third parties to verify their environmental performance and compliance with recognized sustainability standards.

Such as Carbon Footprint of Products Label, Carbon Footprint Reduction Label, Net Zero Product Label, Water Footprint Product Label, Energy Label No.5 Thailand, Good Agricultural Practices (GAP) label, Organic Thailand Label including IFOAM Label, Livestock OK Label, Marine Stewardship Council Label, and Aquaculture Stewardship Council Label. As well as Makro Quality Pro (MQP) Label and Makro i-trace which are Self-Declared Environmental Labels.



Sustainable Products and Services under EU Taxonomy-Eligible and -Aligned Activities

Refers to products and services evaluated against EU Taxonomy criteria to ensure they contribute substantially to environmental objectives while meeting technical screening and sustainability standards.

Climate Change Mitigation:

Clean energy products and services by Altermim business group, including rooftop solar PV systems, EV charging infrastructure, and renewable energy services; low-emission rice awarded the KHAO C.P. SUSTAINABILITY Label; plant-based food products such as VG for Love ready-to-eat meals and Meat Zero products; and methane-reducing animal feed formulations for swine and poultry.

Transition to a circular economy and Pollution prevention and control:

Products that reduce the use of fertilizers and chemicals; and products with downsized packaging to minimize material usage, recycled-content packaging incorporating rPET and PCR plastics

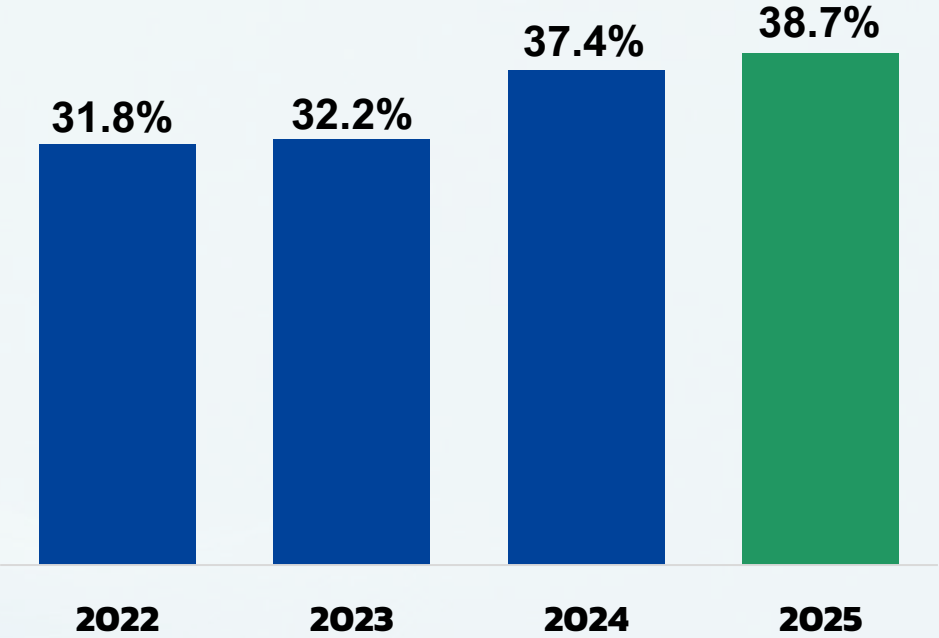
Biodiversity and ecosystem protection:

Deforestation-free certified and fully traceable agricultural commodities for animal feed.

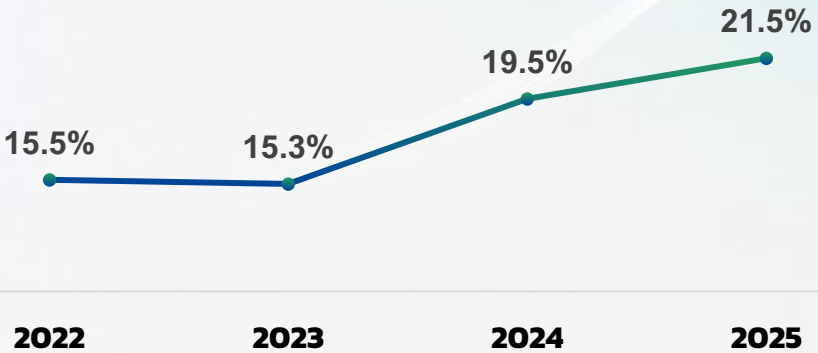
Eco-Labeled and Sustainable Products and Services Revenues



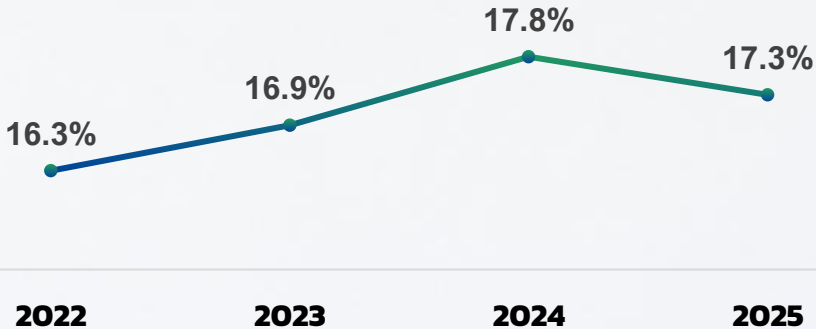
Total Revenues from Eco-Labeled and Sustainable Products and Services (%)



Total Revenues from Third-Party Certified Eco-labels



Total Revenues from Sustainable Products and Services under EU Taxonomy-Eligible and -Aligned Activities





Carbon Footprint Reduction Label (CFR) is a label that demonstrates a certified Carbon Footprint of Product (CFP) and its emissions reduction based on the TGO eligible reduction criteria. The CFR evaluation and process include the quantification and certification of base year and present year CFP and the comparison results between the base year and present year certified CFP shall be reduced not less than 2%.



Water Footprint of Products Label



The Department of Groundwater Resources, Ministry of Natural Resources and Environment, and Thailand's Water Institute for Sustainability, the Federation of Thai Industries, jointly certified Water Scarcity Footprint Label which is referred to the assessment of water use across the entire life cycle of a product, taking into consideration conditions of water scarcity in a particular operational area.

The certifications granted to two of CPF's Food Processing Poultry Businesses (Saraburi and Minburi 2) for being a part of pilot program. Fresh chicken and tender chicken breast, also received the Water Footprint Label.

For more information, <https://sustainability.cpfworldwide.com/en/protecting-our-climate/water-stewardship/effective-management-of-water-resources-in-business>



The Energy Label No. 5



Energy Generating Authority of Thailand (EGAT) has introduced energy labels for more categories of products in an effort to promote energy conservation, with the No.5 label for low energy consumption granted for electrical appliances such as air conditioners and refrigerators that pass EGAT's energy consumption criteria.

The retail businesses of C.P. Group; CPALL, Makro and Lotus are participated to select products with environmental labels to be an option for consumers who want to use sustainable products. We are driving towards sustainable production and consumption and ready to be a part of reducing environmental impacts including pushing the manufacturing industry to pay attention to every production process from raw materials selection to disposal and focus on creating a creative economy and an eco-friendly economy.



Good Agricultural Practices (GAP) Label



A certification system for food crops such as vegetables, fruits, field crops, spices and herbs on every step on farm and postharvest handling where produce is packed and/or collected for sale in order to obtain safe produce of proper quality for consumption by taking into account the environment, worker's health, safety and welfare.

For more information, <https://acfs.go.th/>



Chia Tai presents fresh produces from Chia Tai Farm that are certified by GAP, CODEX, GMP and HACCP, such as melons, watermelons, pumpkins. <https://www.chiataigroup.com/en/news-detail/TheFarm2021>



One of the criteria of Makro Quality Pro label is the product need to certify by GAP certification.



Organic Thailand Label



Organic Thailand is the official organic label by the Department of Agriculture under the Ministry of Agriculture and Cooperatives of Thailand. It indicates that the product has been produced according to the Organic Thailand Agriculture Standard TAS 9001-2003. For more information, <https://www.acfs.go.th/standard/download/eng/TAS-9000.pdf>



Sweet Basil Organic Seeds from Chia Tai are certified by Organic Thailand.



Charoen Pokphand Produce has produced organic fertilizers, and it is certified by GAP and organic Thailand. It is published on CPP sustainability report 2019, Page 11.

International Federation of Organic Agriculture Movements (IFOAM) Label



Certify crop production, processing and handling, wild harvest, and commercial inputs to the ACT (IFOAM Program) Organic Standards by Organic Agriculture Certification Thailand.

For more information, <https://actorganic-cert.or.th/>



Chia Tai's organic vegetable seeds (Red Oak, Green Oak, Red Cos and Green Cos) which are proven to be chemical-free and accredited under IFOAM accreditation program by Organic Agriculture Certification Thailand.

<https://www.chiataigroup.com/en/news-detail/FarmFromHomeOrganicSet>

MSC and ASC Label



Marine Stewardship Council (MSC) Label



An ecolabel that is only applied to wild fish or seafood from fisheries that have been certified to the MSC Fisheries Standard, a set of science-based requirements for sustainable fishing. For more information, <https://www.msc.org/>.

Aquaculture Stewardship Council (ASC) Label



Products bearing the ASC label come from fish farms that have met these standards. The on-pack label demonstrates to consumers that their seafood comes from farms that limit their impacts on the environment and the community. For more information, <https://www.asc-aqua.org/>.

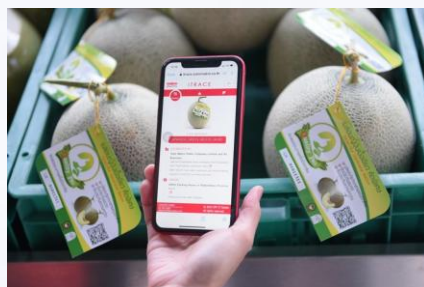
Livestock OK Label



Certification of livestock which are chicken, pork, duck, beef and eggs that the products must come from GAP certificated farms, pesticide residue free, slaughtered at a legal slaughterhouse, sold at a clean, hygienic distribution facility, and must be able to trace products source. It is certified by department of livestock development, ministry of agricultural and cooperatives, Thailand.
For more information, <https://certify.dld.go.th/index.php/th>



Makro Quality Pro (MQP) Label



Makro, one of our retail business has created The Makro Quality Pro (MQP) standard for sorting vegetables and fruits. Attention is given to processes starting from the source farm to the packaging and delivery to consumers. Criteria for selection are as follows:

- Quality fruits with good flavor and are definitely sweet are selected.
- Thai GAP vegetables and fruits are selected according to large size and freshness from Thai agricultural farms with Thai GAP certification.
- Organic vegetables and fruits with no chemicals use, environmentally friendly and certified organic farming standard.
- Vegetables and Fruits are sent to sorting and packing facilities with standards specified by the Ministry of Agriculture and Cooperatives. Most importantly, consumers can scan the Makro i-trace QR codes on MQP vegetables and fruits to trace every process back to the production source.

The vegetables and fruits which received the Makro Quality Pro label will have 'Makro i-Trace' system.

Makro has developed the 'Makro i-Trace' system, which enables consumers to trace the products sources and information about a product's nutritional qualities using a QR Code displayed on a product's label.

Makro i-Trace

Clean Energy Solutions by Altermim



ALTE RVIM



Altermim provides end-to-end solar power solutions (rooftop, floating, and solar farms) for commercial clients and operates the Altermim Super Charge EV charging station network to support sustainable energy transition.

Our Projects

More than 2,800 green infrastructures across Thailand, Malaysia, China, and more.



Total Energy Produced
150,729,702
kWh



Total Installed Capacity
231
MWp



Carbon Emission Reduced
73,857,554
Tons kgCO₂e

KHAO C.P. SUSTAINABILITY Label



CASE STUDY

Sustainable Agriculture

C.P. Intertrade Company Limited, affiliated companies in the rice, transport and service businesses, together with government agencies, have collaborated on a project to develop traceability through the Sustainable Rice Production (SRP) Standard in the Pracharat Rice Scheme in order to encourage our agricultural partners to acquire correct rice cultivation knowledge and ability according to food safety principles, implement an efficient management system and operate on the basis of social and environmental responsibility.

Number of rice products received KHAO C.P. SUSTAINABILITY label 59,574 tons

Manufacturing Capital

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

Also, produced through Sustainable Rice Farming Practices, this rice is cultivated with methods that significantly reduce methane emissions from paddy fields. By lowering greenhouse gas emissions, it contributes directly to climate change mitigation while promoting environmental stewardship, farmer well-being, and long-term food security.

For more information, <https://www.khaotrachat.com/chatsmartfarmer/>

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VG For Love by CP RAM – Sustainable Plant-Based Foods



VG For Love, developed by CP RAM, represents a key innovation in advancing sustainable food solutions. As a range of plant-based products, it is designed to provide consumers with nutritious and environmentally responsible alternatives to conventional animal-based foods. By utilizing plant-based ingredients, VG For Love significantly reduces the reliance on livestock production, which is one of the largest contributors to greenhouse gas emissions globally. This transition directly supports climate change mitigation through the reduction of carbon dioxide and methane emissions, while also conserving natural resources such as land and water.

In addition, VG For Love aligns with international sustainability frameworks and contributes to the achievement of the United Nations Sustainable Development Goals (SDGs), particularly those related to responsible consumption and production, climate action, and good health and well-being. Through these efforts, CP RAM demonstrates its commitment to fostering a resilient, low-carbon food system and promoting long-term environmental stewardship.

For more information, <https://www.cpram.co.th/en/product-frozen-food/13/Plant-Based-Products>

MEAT ZERO by CPF – Sustainable Plant-Based Foods



MEAT ZERO by CP Foods is a plant-based meat innovation developed with proprietary PLANT-TEC technology to replicate the taste and texture of real meat while offering a nutritious and affordable alternative. By shifting consumer diets from animal-based proteins to plant-based options, MEAT ZERO significantly reduces greenhouse gas emissions, particularly methane from livestock farming, and conserves natural resources such as land and water. This transition plays a vital role in global climate change mitigation and directly supports CP Foods' commitment to achieving Net-Zero greenhouse gas emissions by 2050, while also promoting sustainable consumption, healthier lifestyles, and long-term food security.

For more information, <https://www.meatzero.brand.com/en/>

Environment-Friendly Feed



The Company produces feed for swine and laying hens using a balanced mix of protein sources and carefully selected enzymes tailored to each animal's age. This approach:

- Improves digestion and supports overall animal health.
- Reduces gas, odors, and greenhouse gas emissions, making the feed more environment-friendly.
- Helps farmers reduce feed costs.

For more information, <https://cpffedsolution.com/feedsaveworld/>

Reduce Excess Nitrogen by

20-30%

in Swine Manure

Reduce Excess Nitrogen by

12-13%

in Layer Manure

Reduce CO₂e by approximately

4

kg CO₂e /head/year

Sustainable Packaging Products

Reduction in plastic thickness to optimize functionality, resulting in a total reduction of 261 tonnes.



Banana Packaging
reduced the plastic thickness from 30 microns to 25 microns



Food Place (New Design)
reduced the plastic thickness from 0.50 mm to 0.47 mm



Im-Khum Salad Tray
reduced the plastic thickness from 0.5 mm. to 0.4 mm.



Im-Khum Single-Compartment Tray
reduced the plastic thickness from 0.8 mm. to 0.75 mm



Stickers for Frozen Products
reduced the plastic thickness from 90 microns to 80 microns

Collaboration with suppliers to modify packaging designs and production methods, resulting in a total reduction of 1,642 tonnes.



Two-Compartment Tray (Top Seal)
Use top sealing film (Top Seal) instead of plastic lids with adhesive labels applied on top.



Toasted Bread Paper Bag
Reduce the use of PE-coated paper by replacing it with greaseproof paper.



21-Ounce Food Cup
Revise the plastic formulation in the production process.



Cold Dessert Cup
New Design



22-Ounce Ice Cup
Change the production process from injection molding to thermoforming and replace the material from PP to PET.



Short Spoon (New Design)
New Design



Single-Compartment Tray
Use top sealing film (Top Seal) instead of plastic lids with adhesive labels affixed on top.



Cold Drink Lid PP (New Design)
Develop a new design for cold beverage cup lids by replacing PET with PP to achieve mono-material packaging consistent with the cup material, thereby enhancing recyclability in accordance with Design for Recycling (D4R) standards.

For more information,
<https://www.cmall.co.th/en/sustain/sd-report/pdf> page 61-65.



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