



VIETNAM PLASTICS ASSOCIATION

Plastics Industry Overview & Promoting Promoting Sustainable Practices in Vietnam

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Vice Chairman

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Overview of Plastics Industry in Vietnam

Key data



4.000

Plastics
manufacturers



250.000

Employments



62 KG

Consumption of
plastic resin per capita



6.814 mil.tons

Productivity in 2023
4.2% compared to 2022

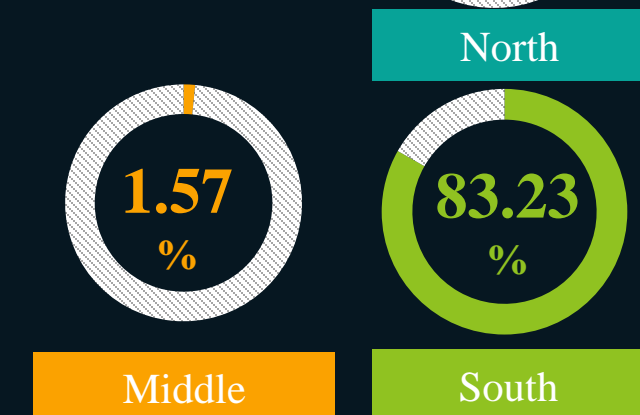
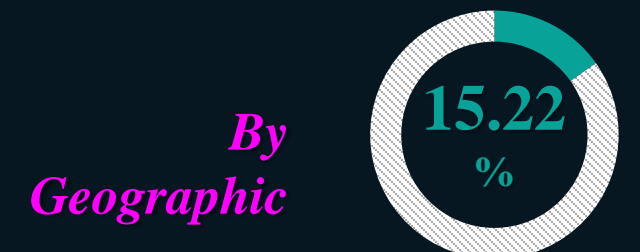
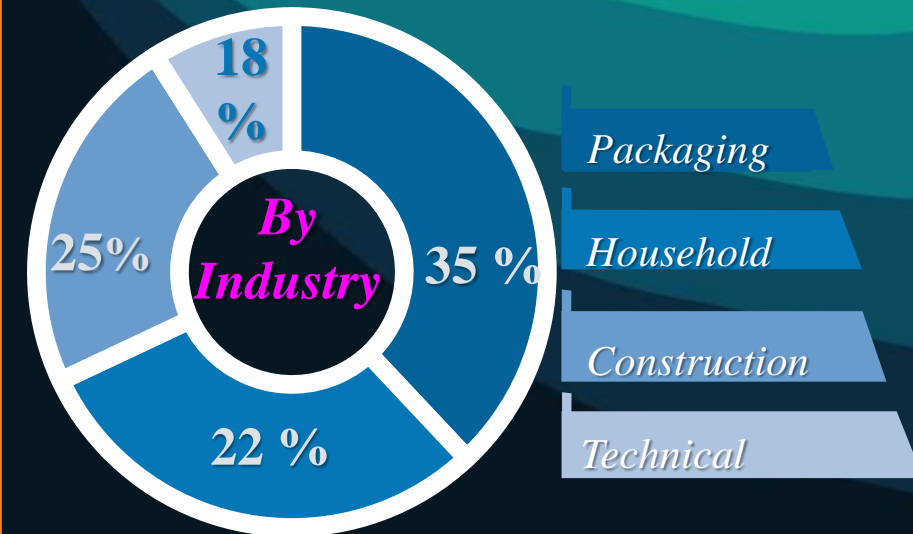


25 bn. USD

Revenue in 2023
0.7% compared to 2022



Structure of Plastics Sector



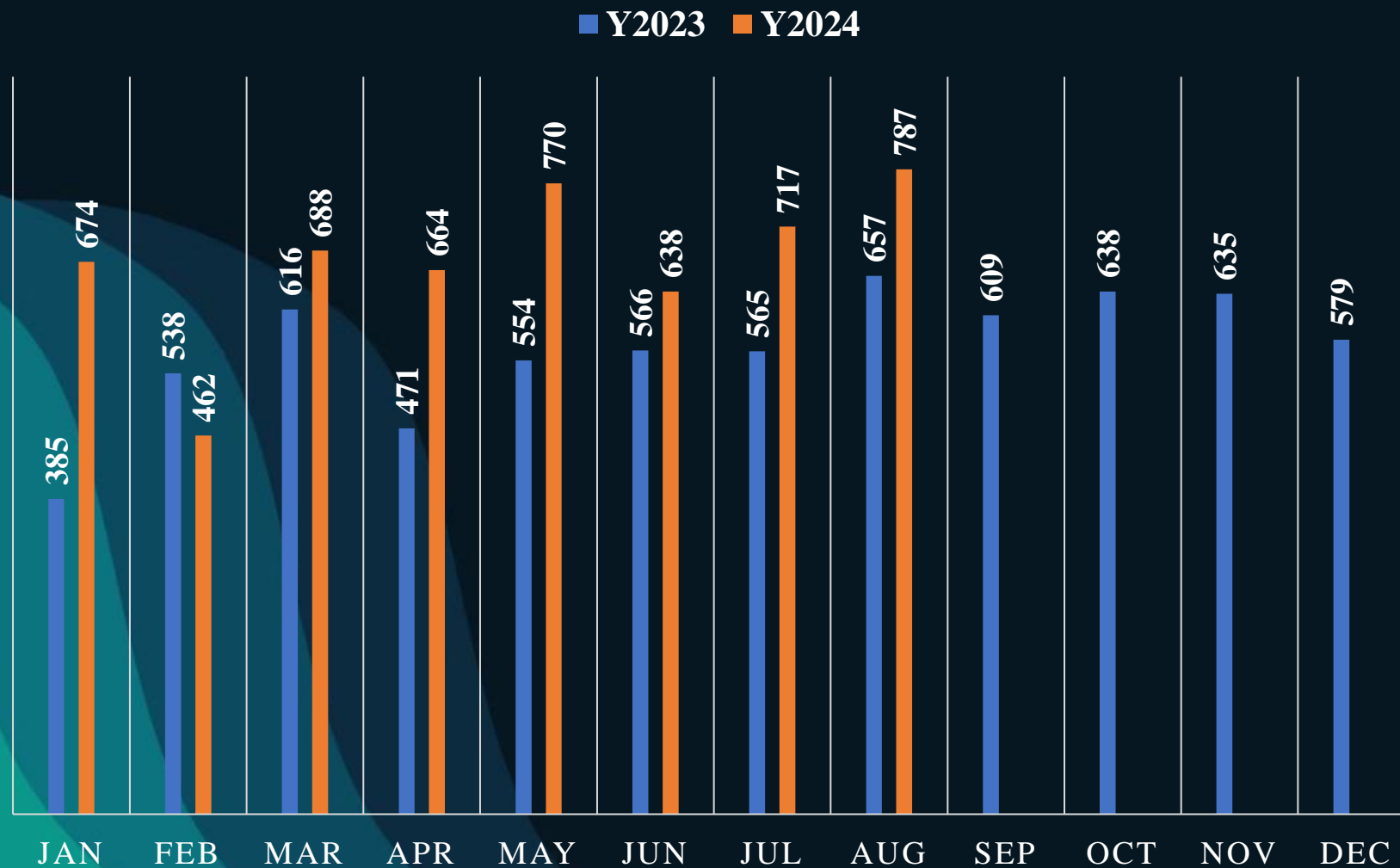
Source of plastics materials by Vietnam

Items	Capacity (tons)	Year of commercial	Enterprise
PET (1.172.000 tons)	162,000	2012	Hung Nghiệp Formosa
	60,000	2016	Haosheng Vina
	400,000	2019	Polytex Far Eastern
	250,000	2021	Billion Industrial Vietnam
	300,000	2023	Billion Industrial Vietnam
	300,000	2026 (Plan)	Hóa dầu Stavian Quảng Yên
ABS, PS	100,000	2016	Polystyrene Vietnam
	200,000	2027 (Plan)	Hóa dầu Stavian Quảng Yên
PVC	190,000	2010	TPC Vina
	150,000	2014	Hóa chất AGC
	150,000	2028 (Plan)	Stavian VP
PP (1.550.000 tons)	150,000	2010	Lọc hóa dầu Bình Sơn
	400,000	2019	Lọc hóa dầu Nghi Sơn
	300,000	2020	Hyosung Vietnam
	300,000	2021	Hyosung Vietnam
	400,000	2023	Hóa dầu Long Sơn
	600,000	2029 (Plan)	Hóa dầu Stavian Quảng Yên
PE	950,000	2023	Hóa dầu Long Sơn



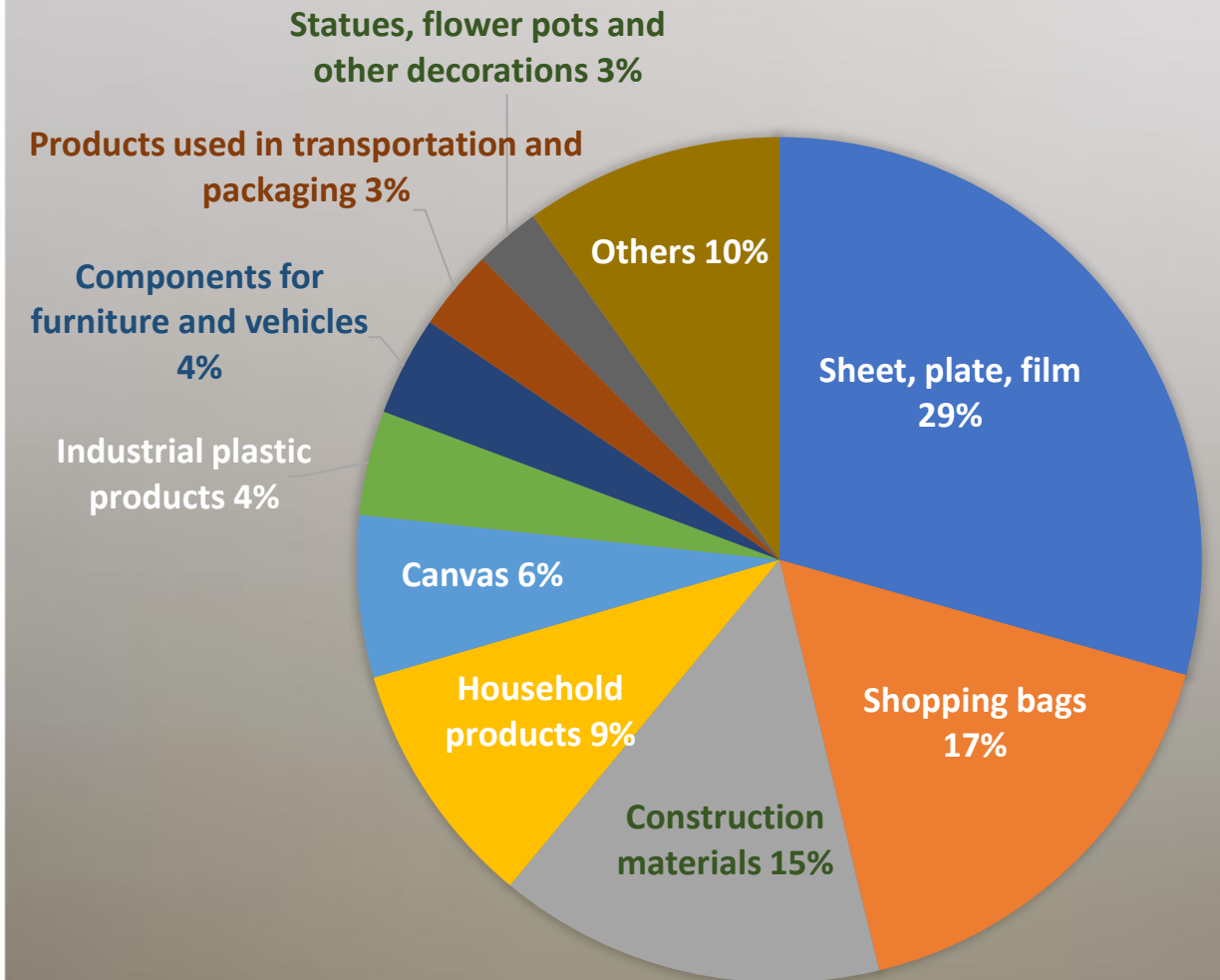
Import Plastics Materials 8M.2024

Unit: thousand USD



Export Plastics Products 8M.2024

% by value



Promoting Sustainable Practices in Vietnam

Existing regulations and policies
affect the Plastics Sector

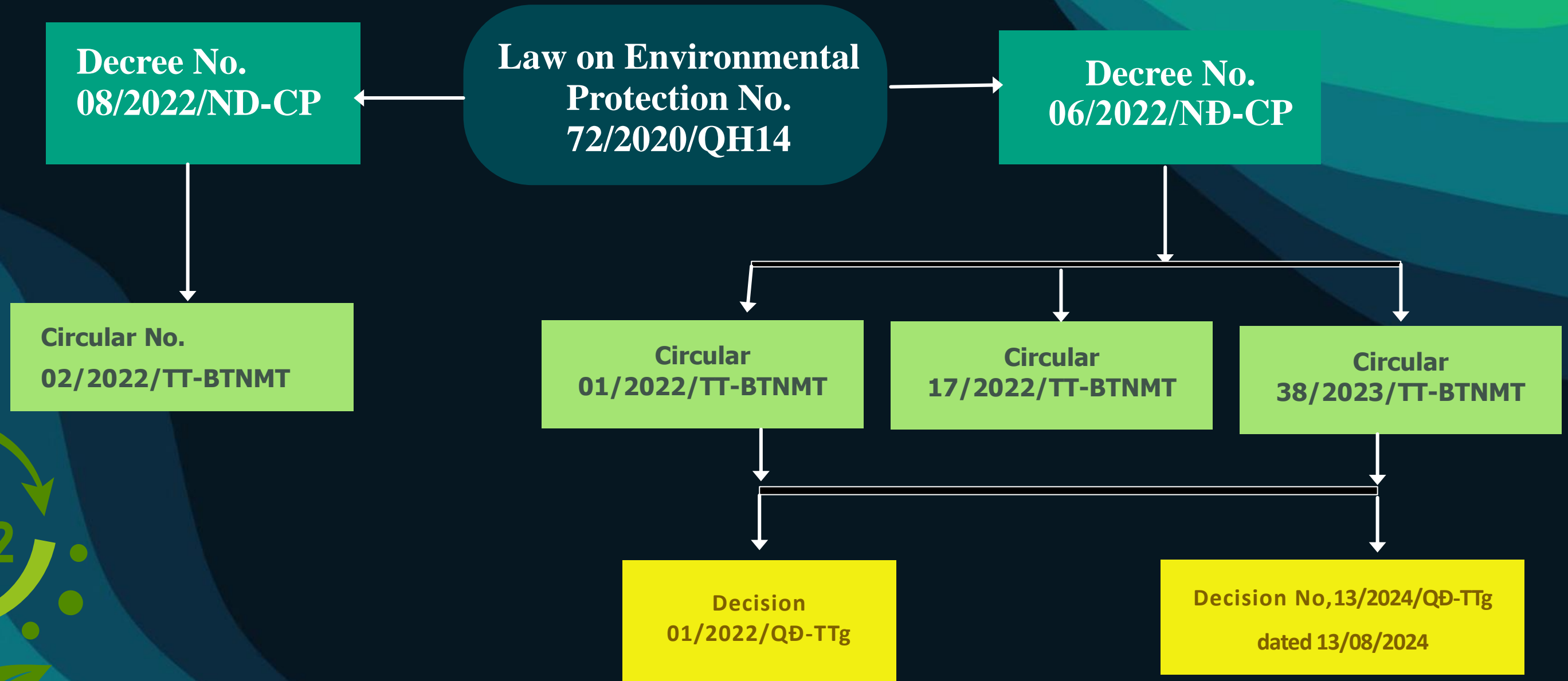
Sustainable development trends



Current efforts and best practices
for controlling plastics pollution

Predictions for the future of the
Plastics industry

Regulations that affect the Plastics sectors in Vietnam



List of sectors and facilities emitting greenhouse gases that must conduct greenhouse gas inventories

Issue a list of greenhouse gas emission facilities that must conduct greenhouse gas inventories.

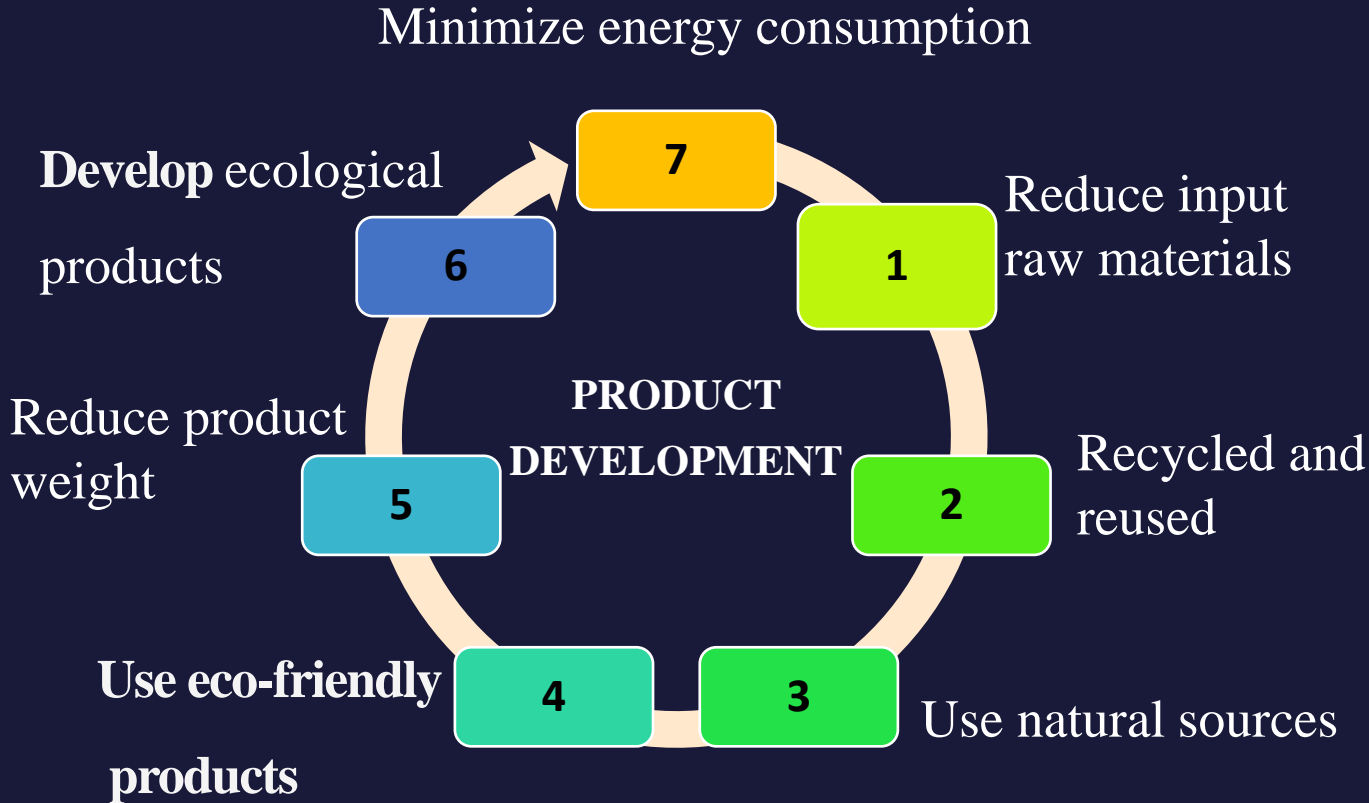


Sustainable development trends of Plastics industry in Viet Nam

Eco-label

- Focus on thickness bags of 50micron and recycling materials to reduce original materials
- Using biodegradable/ bio-based materials
- Use less resources (lighter water bottle, ...)/Use multiple times (trays, bags, ...)
- Facilitate the recycling process: such as uniform raw materials, reduced coating materials.
- Recently, in Vietnam, a number of enterprises have begun to turn to research and development, production of environmentally friendly materials and products, such as agricultural waste products of natural origin used as biodegradable materials from pine-apple leaves, rice husks, banana peels to produce disposable packaging products such as cups, trays, spoons and forks...

Eco - design



Focus on recycling

01

Development of large-scale, non-expansive recycling infrastructure is necessary to improve the quality and rate of recycling in Vietnam.

- Invest in the most advanced technology and equipment for recycling to have high recycling efficiency, save energy and create high-value products
- Ensure sufficient sources of recycled materials for effective operation of invested equipment

02

Develop more suitable forms of recycling for remote areas

- Cooperate to support social enterprises and informal sector enterprises to develop more flexible, small-scale recycling forms per specific conditions
- Research and develop more flexible, small-scale recycling solutions

03

Prioritize investment in building a waste sorting system at source, collection infrastructure and sorting centers

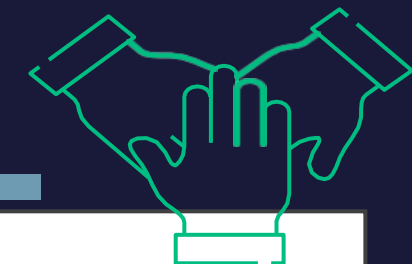
- Invest in building a professional collection system, combined with sorting at source.
- Promoting the dynamic, creative and enthusiastic role of the informal sector in this field.

04

Promote sustainable design and sustainable manufacturing

- Use less resources (lighter water bottle, ...)/Use multiple times (trays, bags, ...);
- Facilitate the recycling process: such as uniform raw materials, reduced coating materials

Action plans



Collection, segregation, transportation and treatment of plastic wastes and scraps

Many provinces and cities have implemented different waste collection methods that effectively reduce plastic wastes. Such as: activities of sorting wastes at source, deployed trash bins at the public areas, enhance local waste services, deploy model for collecting and recycling plastic wastes, campaigns to collect and clean beaches, campaign says no to non-biodegradable plastic bags ...

Communication and awareness raising

Many programs, movements, and events are regularly organized about collection and recycling of plastic waste into useful materials, improve knowledge and capacity to reduce plastic pollution through various communication activities such as: seminars, conferences, and talk series to support the implementation of policies on plastic waste mitigation and Circular Economy,...

Research, cooperation, technology transfer

High-tech applications for plastic collection and waste management promoted investment in some big enterprises,...

Implement CO2 Emission Reduction

Conduct greenhouse gas inventories and reduce greenhouse gas emissions for emission facilities. Develop and complete an online database on GHG inventories. Encourage new investment projects and invested projects to convert and apply technologies, production processes, and services that emit less GHG emissions



THE POSITIVE IMPACTS OF UNILEVER'S "REVIVE PLASTIC WASTE" PROGRAM

63% of packaging is recyclable or biodegradable, 52% of virgin material is reduced in packaging production... More than 25,000 tons of plastic waste were classified, collected and recycled; more than 150 plastic waste collection facilities were established.



COCA-COLA VIETNAM LAUNCHES COCA-COLA™ BOTTLES MADE FROM 100% RECYCLED PLASTIC NATIONWIDE

In 2022, Coca-Cola Vietnam launched packaging made from 100% recycled PET (rPET) nationwide (excluding caps and labels). This will reduce the use of more than 2,000 tons of origin plastic materials in Vietnam each year.

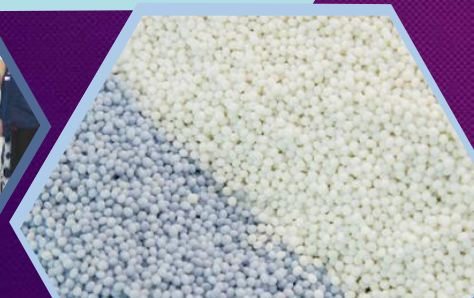


SUNTORY PEPSICO VIETNAM AND VIETCYCLE COOPERATE TO COLLECT, RECYCLE AND REDUCE PLASTIC WASTE

Cooperation project to collect and recycle plastic waste between Suntory PepsiCo Vietnam in collaboration with VietCycle

DUY TAN RECYCLING - A TYPICAL FACTORY IN THE RECYCLING INDUSTRY IN VIETNAM

Linked with 2,000 plastics waste collection points, collecting 90 tons per day, equivalent to about 7 million used plastic bottles. After collection, plastic bottles will be classified and cleaned before being put into recycling stages. 50% of input materials meet the standards to make plastic pellets that meet Bottle to Bottle technology standards, the rest will be processed into lower value products such as cosmetic bottles, polyester used as raw materials for the garment industry.



Predictions for the future of the Plastics industry in Vietnam

- EPR policies come effort effective in waste management implementation
- The local people raised awareness about waste segregation at source
- Plastic waste collection points established legally
- Series of innovative solutions for collecting, sorting and recycling plastics wastes deployed
- Capacity in collecting, processing and recycling plastic waste improved effectively
- Use modern, efficient recycling technologies for plastics scraps and investment in collection systems.
- Government agencies, collectors, recyclers, international organizations, distributors more cooperate
- Local people participate in waste segregation at source to supply quality input for recycling
- Deploying the development of Vietnamese standards for the Plastic Industry, especially recycled plastic pellets.





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CONCLUSION

Vietnam is aiming to develop a comprehensive circular economy. Therefore, the Plastics industry is not out of this trend. Plastics enterprises in Vietnam are looking for ways to reduce wastes by using recycled materials and reusing plastic products.





Thank you

For more information, please contact :

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