



VIETNAM PLASTICS ASSOCIATION

Sustainable development trends of the Plastics industry in Vietnam



Overview of the current situation of plastic waste in Vietnam

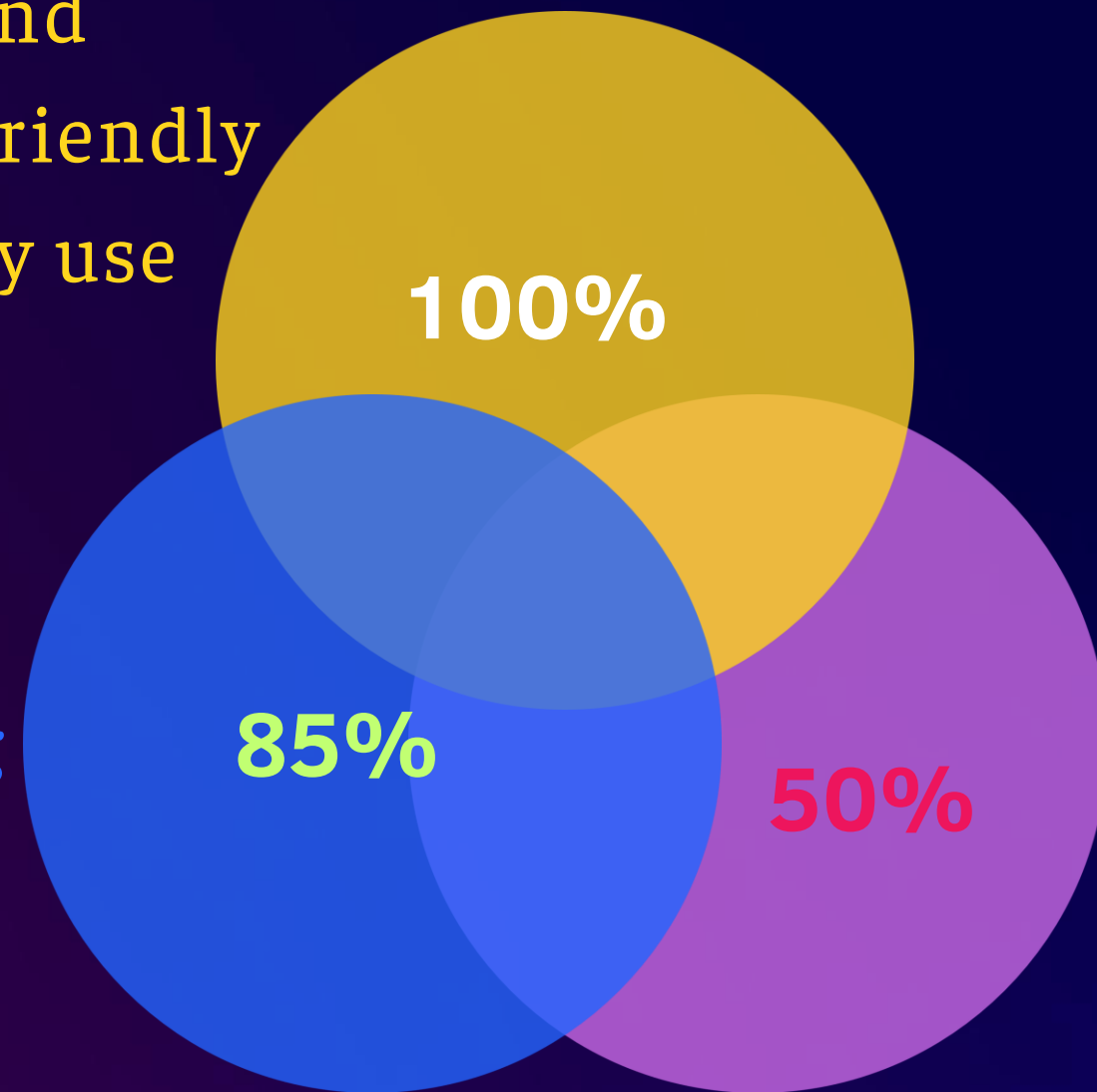
- In Vietnam, nearly 50% of plastic products are designed and manufactured for single use and then discarded.
- The total amount of discarded plastic waste, only a portion is recovered for recycling, a portion is treated by incineration or landfill, while a large amount of plastic waste is swept into the river system, canals and flows out to sea.

Target by 2025

According to Decision No. 1316/QD-TTg dated July 22, 2021 on Approving the Project to strengthen plastic waste management in Vietnam

Use plastic bags and environmentally friendly packaging for daily use

Collect, recycle and reuse waste generated during use



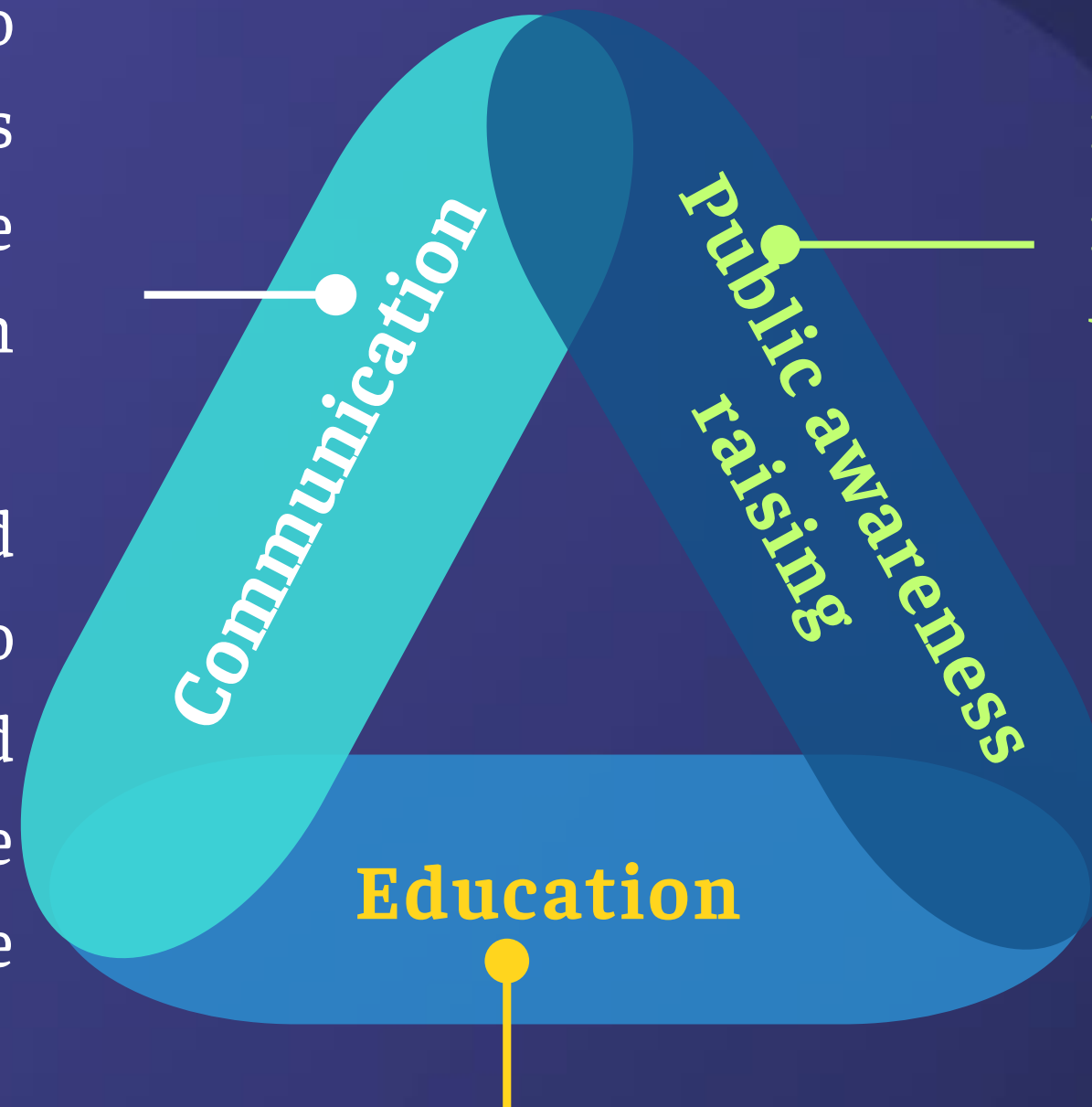
Marine waste mitigation

Prioritize investment in modern, environmentally friendly technology

Roadmap for landfill treatment: $\leq 30\%$ by 2025; $\leq 10\%$ by 2030

Collective efforts in mitigating plastics pollution in Viet Nam

- Implementing propaganda to change the community's behavior of using disposable plastics through communication channels.
- Seminar, conference, and discussion are organized to disseminate policies and regulations of the Vietnamese Government on plastic waste management



Many provinces and cities have implemented different waste collection methods that effectively reduce plastic wastes:

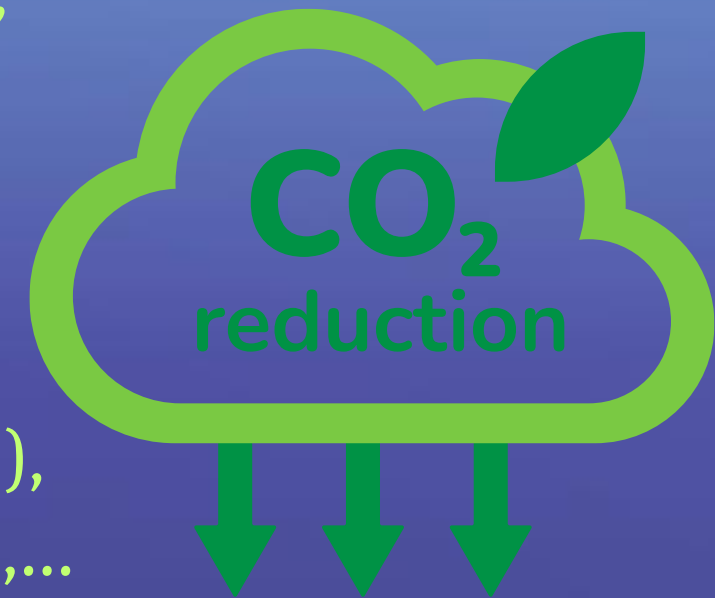
- Activities of sorting wastes at source,
 - Deployed trash bins at the public areas
 - Enhance local waste services
 - Deploy model for collecting and recycling plastic wastes,
 - Campaigns to collect and clean beaches,
 - Campaign says no to non-biodegradable plastic bags ...
- Popularize and promote plastic-free schools
 - Raise awareness among students about plastic waste.

Achieving Net Zero in Vietnam

01

Conduct research and projects on investigation, statistics and assessment of the situation of plastic waste generation in Vietnam.

- Vietnam - Norway Cooperation Program on Plastics and Marine Waste (NORAD),
- “Assessing Plastic Waste Sources in the Mekong River” Project (WWF),
- “Ending Plastic Pollution” Project (UNDP),
- “For a Green Vietnam” Program (VEPF),
- “Assessing and Managing Plastic Waste” Project (INEST),
- Report on Plastic Waste Generation in 2022 (WWFVN),
- Project on Reducing Plastic Pollution with Local Solutions (GreenHub),
- Project on Reducing Plastic Waste in Vietnam Tourism Sector (UNDP),...



02

Decarbonization for plastics industry: Energy consumption standards applicable to plastic products.

- The Viet Nam - National Energy Efficiency Programme for the 2019-2030 period (VNEEP3) sets the goal of reducing the average energy consumption of the plastic industry by 18-22% in the period to 2025 and from 21-24% in the period up to 2030.

03

By 2050: Aiming for net zero emissions



Regulations that affect the Plastics sectors in Vietnam

Law on Environmental Protection No. 72/2020/QH14

Extended Producers
Responsibility (EPR)

Responsibility of producers and
importers for waste collection
and treatment

Reduction, reuse, collecting, recycling
and treatment of plastic waste,
prevention and control of ocean
plastic waste pollution

Waste
classification at
source

01/01/2025



Strategies for Utilising Plastics Waste

Maximize the value of Plastics waste and discarded product, reduce exploitation of natural resources, reduce adverse impacts on the environment



Implementation of Operation Clean Sweep

Conduct an inventory of plastic sources entering Vietnam, sources of plastic waste generated on land in 63 provinces and cities of Vietnam

- Imported and exported plastic sources
- Domestically collected scrap plastic sources
- Domestically produced plastic products

Desired Outcomes

Reduce between 15 to 20% of plastic waste pollution in Hanoi and Ho Chi Minh City by strengthening waste collection and simple sorting, recycling, and proper disposal through investments in infrastructure, innovation, education, and clean up during 2023-2027.

Plastic input sources in Vietnam

Sources of plastic waste generated in Vietnam

- Plastic sources from daily life
- Plastic sources from other sources (industry, agriculture, healthcare, construction, etc.)



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Thank you

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