




giz Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

On behalf of:
 Federal Ministry for the Environment, Nature Conservation, Nuclear Safety and Consumer Protection
of the Federal Republic of Germany

Thailand Environment Institute

Pilot project Single Use Plastic Prevention in Phuket

Collaborative Action on the Prevention of Single-Use Plastic in Southeast Asia (CAP-SEA)





*The Thailand Environment Institute Foundation (TEI) is a **non-profit, non-governmental organization**, focusing on environmental and sustainable development issues. It was established in May 1993.*

Pilot project: Single Use Plastic Prevention in Phuket

- **Contributing to environmental policy formulation and drive** sound environmental policies
- **Assist community on natural resources management & raise awareness** on environmental management
- **Training** to strengthen environmental management capacity
- **Development of knowledge** with reliable and up-to-date sources of information
- **Promote collaboration and coordination** among multi-sectoral partners
- TEI has been **ranking in the world top Think Tanks** on environmental sustainability for 9 consecutive years.

<https://www.tei.or.th/en/index.php>

Pilot project Single Use Plastic Prevention in Phuket

What are your main challenges on plastic waste management?

Thailand has a **policy and action plan to reduce plastic waste**, but there are no comprehensive measures to strictly control the production and use of plastics. Most operations are also voluntary.

What is your main reason to join the CAP SEA project?

Aim to **link policy with practice by looking for alternatives from local implementation** and find appropriate solutions for the service sector and consumption to reduce the use of SUP.



Policy Landscape for Plastic Management

Roadmap on Plastics Waste Management
(and its associate action plans)

Circular Economy Model
(under the BCG Economic Model)



กระทรวงการอุดมศึกษา วิทยาศาสตร์ วิจัยและนวัตกรรม
Ministry of Higher Education, Science, Research and Innovation



Pilot project Single Use Plastic Prevention in Phuket

Our works

- ① **Build cooperation ownership and project initiatives with local stakeholders**
- ② **Support local governments and targeted businesses to formulate plans to reduce the use of SUP**
- ③ **Change attitude and behavior of policy makers, service providers, traders and consumers towards creating a sustainable lifestyle**

5 Target Groups

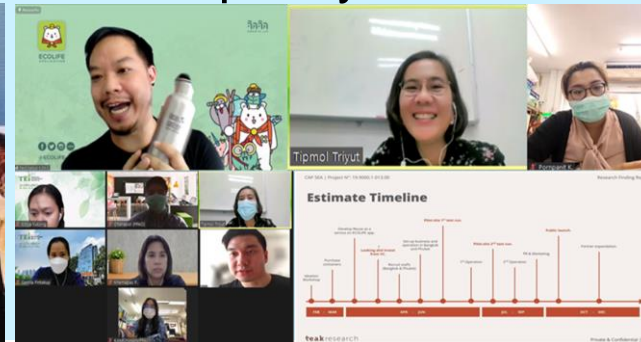
1. Phuket Municipality
2. Markets and walking streets
3. Department stores
4. Hotels/ accommodations
5. Restaurant business



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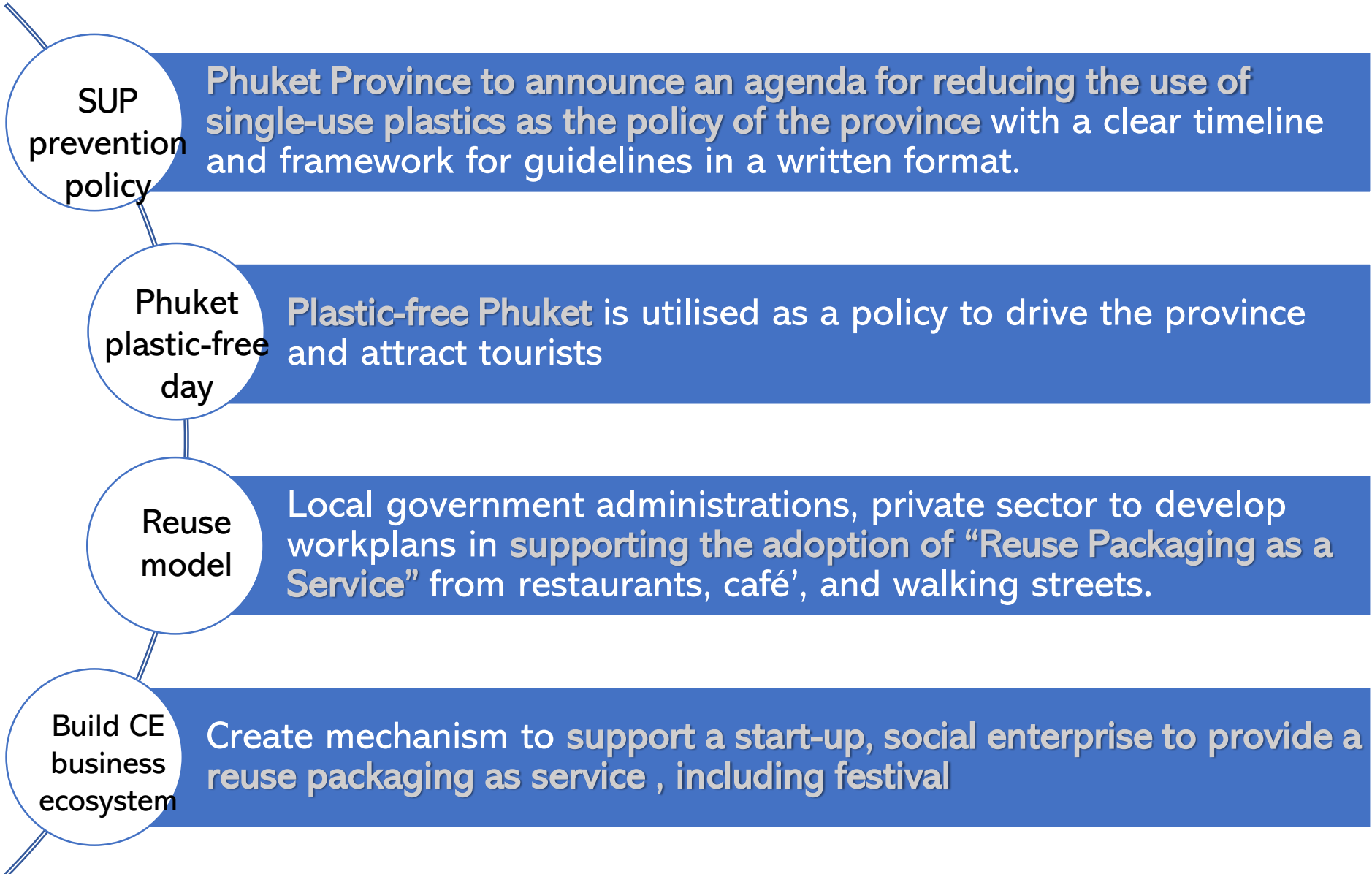
Lessons learnt

- **“Set goal and go together”** Many agencies in Phuket are struggling with SUP reduction goal”
- **Waste management at the destination** no facilitate and incentives separation at the household level.
- **Reuse as a Service** for food delivery business **is new concept**. So, **“Understanding & awareness”** all sectors before building capacity of the start-up and policy makers.
- **Hygiene standard for reuse packaging** is an essential element to build consumer trust.
- Project result can be **expanded to other local government organizations**
- **Set alternative and adaptation** to new normal and Climate Change.
- Hotel sector is able to adapt well and quickly



4-Policy strategies and 5-Operational programmes

Policy dialogue with the Phuket Governor



BCG IN CIRCULAR ECONOMY

Driving mechanism
: delivering through key project/focus sector Co-benefits to create success model

C3 Combating climate change : transition to sustainable society
GHG reduction more than 50 million ton CO₂

C1 Closing the loop
Reduction of 22 amount of current natural resources consumption by circulate utilization

C2 Creating new economic growth
Income increases more than 6.7 billion us\$ (1% of GDP) in 10 years

Shaping a sustainable future

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
• Waste reduction
• Improving Segregation & collection system
• Encourage recycling

11 SUSTAINABLE CITIES AND COMMUNITIES
• Increasing resource use efficiency, Agricultural waste
• Stop open burning
• Food loss/ food waste reduction
• Increasing consumer awareness

12 RESPONSIBLE CONSUMPTION AND PRODUCTION
• Strengthening innovation & technology capability
• Promoting environmental friendly construction to support smart city policy

13 CLIMATE ACTION

14 LIFE BELOW WATER

17 PARTNERSHIPS FOR THE GOALS



Fresh markets

Encouragement of coupons distributions/ earning points and gift vouchers for those who uses cloth bags & baskets as well as shops that inspire the reduction of SUPs.

Hotels

Phuket province to request the hotel management to set SUP reduction target and to enact rules prohibiting staff and guest who does not cooperate in SUP reduction measures.

5-Operational Programmes

Restaurant & Café

Local government administrations to add SUP prevention measures as a requirement for “restaurant permit” or renewal

Malls

Pushing for a policy to reduce single-use plastic at the provincial level and encourage brands to issue a plastic reduction policy to apply to branches within Phuket.

Government offices, Education centers

Regional & Provincial Environment Offices to run the SUP prevention programme and awareness campaign in government offices, universities, schools.



Contact



Wisara Hunthanee
Senior Project Manager, TEI

wisara@tei.or.th
T +66 (0) 2 503 2222
F +66 (0) 2 504 4826



Tipmol Traiyut
Senior Researcher, TEI

Tipmol@gmail.com
T +66 (0) 2 503 2222
F +66 (0) 2 504 4826



Santila Pintakup
Program officer, TEI

santila@tei.or.th
T +66 (0) 2 503 2222
F +66 (0) 2 504 4826

