

"Lesson for multi-sectoral Policies and Practices to improve climate change mitigation and environmental quality in Thailand"



Prince Mahidol Award Conference 2023

29<sup>th</sup> January 2023

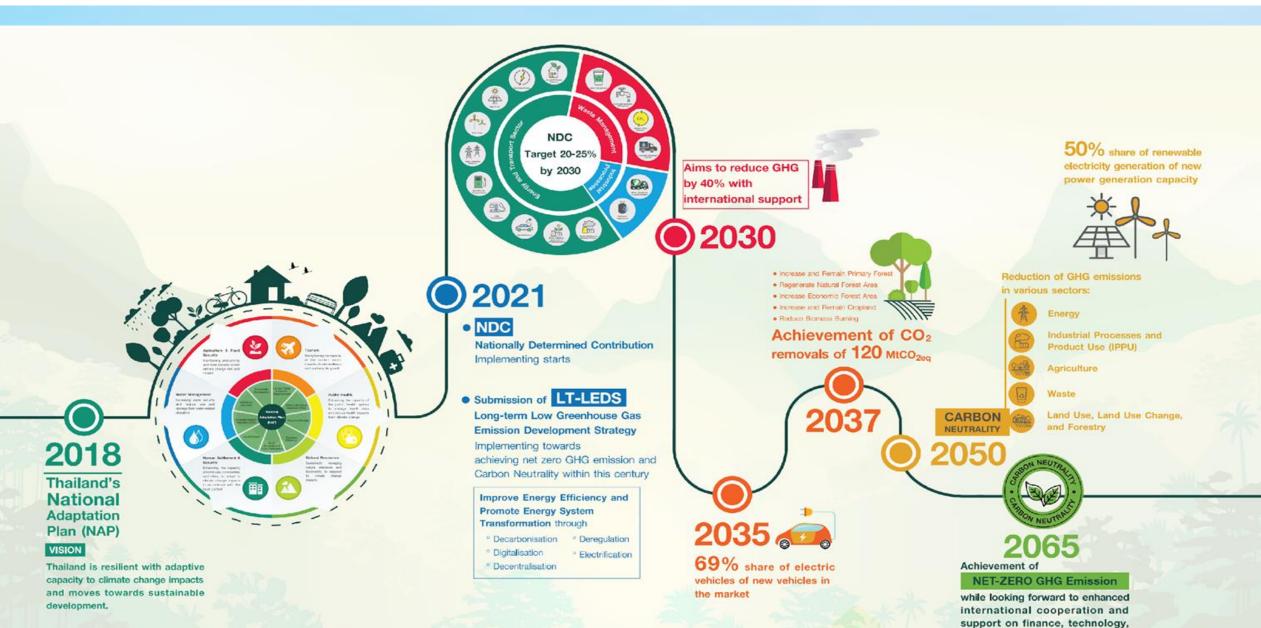






#### Thailand's Long-term GHG Emission Development Strategy





and capacity-building to achieve

this ambition



# Circular economy

aims at reusing and recycling resources

# Bioeconomy

involves the production of renewable biological resources and the conversion of these resources into value added products



# Green economy

determines to keep economy, society and the environment in balance, leading to sustainable development





## **BCG** in Circular Economy



Closing the loop

Combating climate change: transition to sustainable society

GHG reduction more than 1 million tons CO<sub>2eq</sub>



**C2** Creating new economic growth

**SHAPING** 

**A SUSTAINABLE** 

**FUTURE** 

Income increases more than 1% of GDP in 10 years

### **Driving mechanism**

: Delivering through key project/Focus sector Co-benefits to create success model

#### **Target Sectors**



#### **Plastic Waste**

- : Waste reduction
- : Improving Segregation & collection system
- : Encourage recycling



#### **Agriculture & Food Industry**

- : Increasing resource use efficiency; Agricultural waste - Stop open burning
- : Food loss/food waste reduction
- : Increasing consumer awareness



#### **Construction Sector**

- : Strengthening innovation & technology capability
- : Promoting environmental friendly construction to support smart city policy

## PPP Plast

#### **PPP Plastics**

Public Private Partnership for Sustainable Plastic and Waste Management



Press Conference organized and MOU

signed: **June 5, 2018** 











#### **Background of PPP Plastics**

PPP Plastics was established on June 5, 2018, which led by the Thailand Business Council for Sustainable Development (TBCSD) jointly with the Plastic Industry Club, the Federation of Thai Industries (FTI) for driving the sustainable management of plastic waste with various sectors both government, public, private sector, international organizations, and educational institutions recognize the importance of mobilizing cooperation from all sectors to find sustainable solutions to the plastic waste problem in Thailand, which PPP Plastics has continued to operate 4th year in 2021.

#### Main goal of PPP Plastics

PPP Plastics has the main goal in supporting and driving roadmap for the plastic waste management in order to achieve its goal of reducing the amount of plastic waste in the Thailand's seas by 2027 according to two goals as follows:

Goal 1 Reducing and eliminating the use of target plastics by using environmentally friendly products.

Goal 2 Reusing the targeted plastic waste 100% by 2027.

PPP Plastics also supports the implementation of the National BCG Model agenda, particularly in driving a Circular Economy principle.







14 LIFE BELOW WATER



17 PARTNERSHIPS FOR THE GOALS



Network Partners : 42 Organizations



























































Public Private Partnership for Sustainable Plastic and Waste Management (PPP Plastics)

"Role of PPP Plastics in solving the plastic waste issue in Thailand"





**Policy** 



**Database** 



Innovation



**Education** Communication

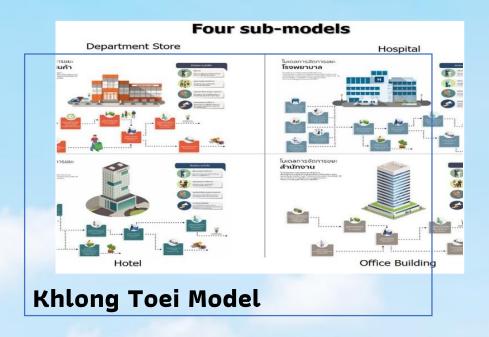


## **PPP Plastics**

Circular

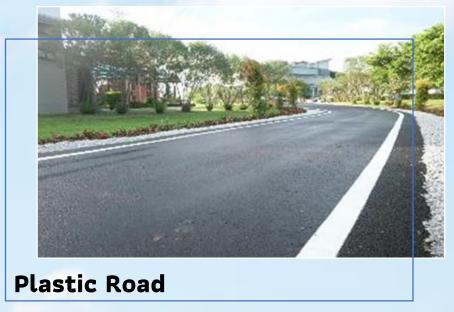
**Economy** 

Model













helps to support National targets &



















# Thailand Business Council for Sustainable Development (TBCSD) established 1993

#### **Mission**

Our mission is to accelerate the transition to a sustainable world by making more sustainable businesses in **Thailand** more successful

## **Members**





#### **Collaborative Partner: 5 Organizations**













**Financials** 







Services





Food & Beverage







Resources











**EGAT** 















**GPSC** 

**Industrials** 





















**Technology** 





Property & Construction











Others







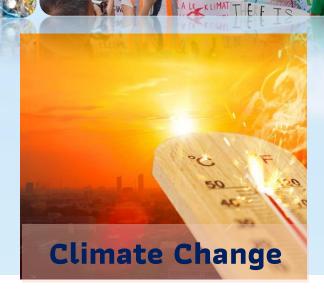




TBCSD supported and implemented government policies











As of 3 November 2022



### Public-Private Cooperative Model towards Carbon Neutrality



**300** 

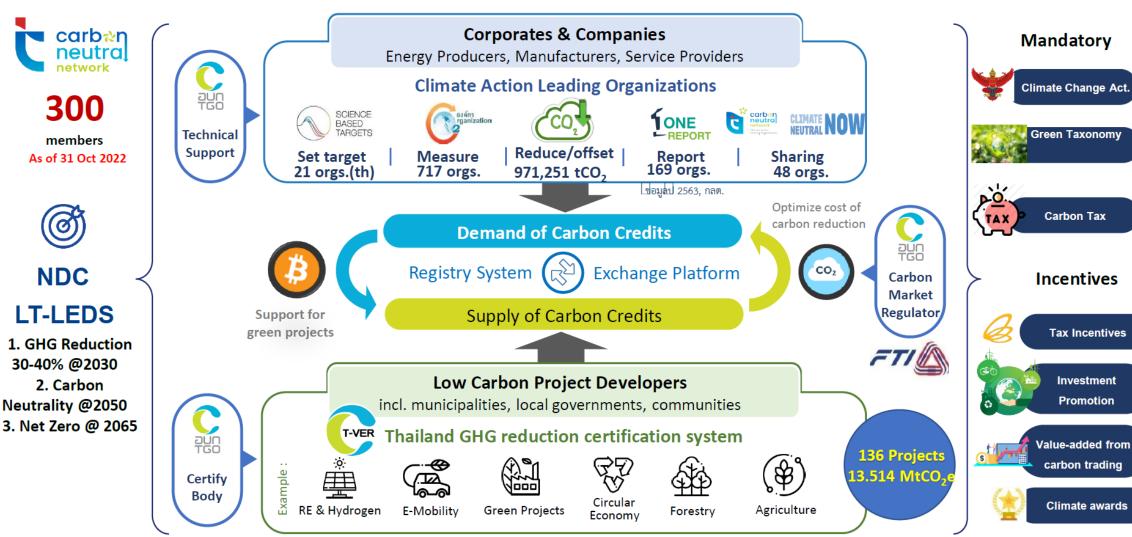
members As of 31 Oct 2022



NDC

#### LT-LEDS

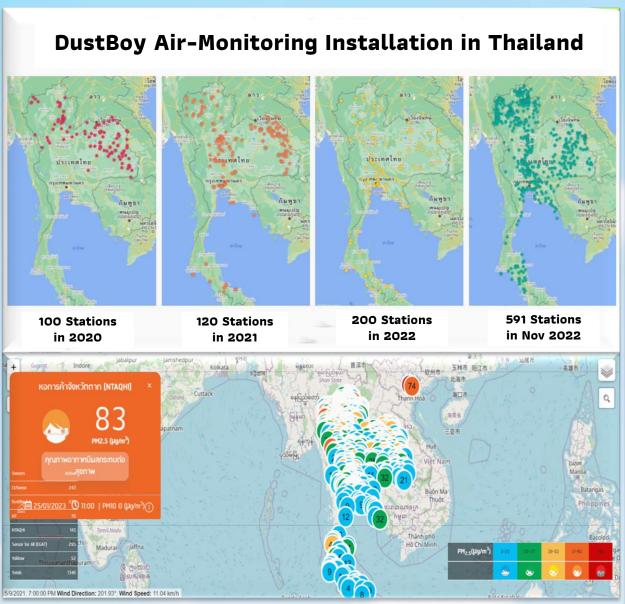
1. GHG Reduction 30-40% @2030 2. Carbon Neutrality @2050

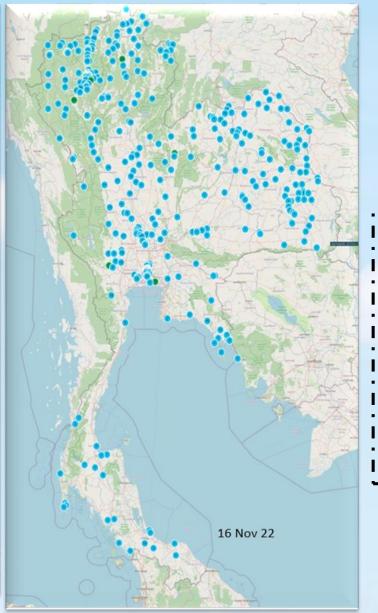


# National Environment Regulation, Policy and Plan

- National Environment Board chaired by Prime Minister under the Enhancement on Environmental Quality Promotion Act.
- National Action Plan on PM2.5
- National Ambient Standards of PM2.5
  - Annual Standards (not exceed 15 microgram per cu.m)
  - 24-hr Standards (not exceed 37.5 microgram per cu.m)
- Environmental-Health Action Plan
- Diseases related PM2.5 under the National Control of Occupational and Environmental Diseases Act. 2019

## Air Quality Monitoring Network







- Over 920 Stations across Thailand
- 591 Online Stations
- PM2.5 Real-time monitoring







# **Networking Activities of the SUCCESS Project**

Strengthening urban climate governance for inclusive, resilient and sustainable societies in Thailand (SUCCESS Project)

Supported by the European Union (EU)







# **Networking Activities of SUCCESS project**

## Increasing climate adaptive capacity for Local communities and CSOs

Support local civil society and community-based organisations to design, develop and conduct 12 case studies of climate vulnerability assessments to better understand root causes of vulnerabilities to climate impacts and other shocks

#### Engagement with multi-stakeholders through the Shared Learning Dialogue process

Form both formal and informal actors: including relevant government agencies and departments, academics, community members, particularly marginalized, poor, vulnerable and women groups, local NGOs, and the business and private sector for problem solving, planning and policy Dialogues, promote co-production of knowledge and promote new understanding and framing of problems















## **Environmental Education and Communication**

Stakeholders: All sectors

Change: To be new behavior, segregate waste at source



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# Thank You

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