ESG for ALL
Electricity Generating Authority of Thailand

Asia Clean Energy Forum 2023
15 June 2023, Manila, Philippines
The demand for electricity from renewable energy tends to increase rapidly especially group members RE100.

In 2022, it was found that CO$_2$ emissions from energy use in Thailand were at 247.7 million tons of CO$_2$, a slight increase of 1.5% compared to the previous year.

That’s why EGAT take action to help Thailand decrease CO$_2$ emission by targeting to Carbon Neutrality goal.

Source: Energy Policy and Planning Office, 2022
What EGAT do to **decarbonization**

![Image of decarbonization strategy]

- **Kick off reforestation**
- **Hydro-Floating Solar Hybrid 5,325 MW**
- **CCUS**
- **RE portfolio & Grid Modernization**
- **2022**
- **2025**
- **2031**
- **203X**
- **2037**
- **2040**
- **2045**
- **204X**

- **Label No.5 500 M. stars**
- **Hydro-Floating Solar Hybrid 2,700 MW**
- **Reforestation 1 M acer**
- **Energy Efficiency 8 mtCO₂**
- **Hydrogen 66,000 GWh**

*Sources Transformation, Sink Co-creation, Support Measures Mechanism*
EGAT’s target on Carbon Neutrality with EGAT’s Triple S Strategy

SOURCES
Transformation

SINK
Co-creation

SUPPORT measures
Mechanism
EGAT's triple S strategy

**SOURCES**
Transformation
- Increase of Renewable Energy Share in Power Generation
- Hydro-floating Solar Hybrid
- Grid Modernization
- Modern Technologies and Clean Energy

**SINK**
Co-creation
- Participatory One-Million-Rai Reforestation Project
- Carbon Capture, Utilization, and Storage

**SUPPORT**
Measures mechanism
- Energy Efficiency Projects
- Energy Saving Label No.5
- Electric Vehicle Promotion
- Circular Economy
EGAT together with partners to build ecosystem

In order to bring about the necessary transformation, the public sector will need to work hand-in-hand with the private sector to ensure that goals around decarbonization, sustainability and green finance are aligned.
Linking Decarbonization, ESG and Sustainable Finance

Climate Action

- Carbon Emission
- Renewable Energy
- Energy Efficiency
- Carbon Neutral
- Carbon Tax/ Carbon Border

Sustainability

- Disruption
- Sustainability Goal
- Public-Private Partnership

ESG

- Social Factor
- Corporate Social Responsibility
- Financial risk
- Sustainable Investor
- Green Finance

Sustainable Investor

Social Factor
Ecosystem supporting ESG and Carbon Neutral Reporting & Standards

Green Certificate

Green Finance

Renewable Energy

EGAT REX
Thank you

Nicharee Kiatvarangkul
Project Coordinator
Renewable Energy Business Section, Business Development Division
Electricity Generating Authority of Thailand (EGAT)
Email: nicharee.kia@egat.co.th