

Synergy in ASEAN for RE Development

IRENA Workshop
Accelerating Renewable Energy Development in Southeast Asia
20-21 May 2019
Da Nang, Vietnam

Presented by:
ASEAN Centre for Energy



**One Community
for Sustainable
Energy**



One Community
for Sustainable
Energy

ASEAN Plan of Action for Energy Cooperation

**23 percent of renewables share in
primary energy mix by 2025**

AMS' RE Target



One Community
for Sustainable
Energy

AMS	RE Target
Brunei	10% RE share in power generation by 2035*
Cambodia	More than 2GW of hydropower by 2020
Indonesia	23% NRE share in energy mix in 2025
Lao PDR	30% RE share of total energy consumption by 2025
Malaysia	20% RE share by 2030
Myanmar	15-25% RE share in installed capacity by 2030*
Philippines	15 GW installed capacity in 2030
Singapore	350 MW installed capacity of solar by 2020
Thailand	30% AE share in total energy consumption by 2036*
Vietnam	27 GW RE installation in 2030*

* exclude large hydropower

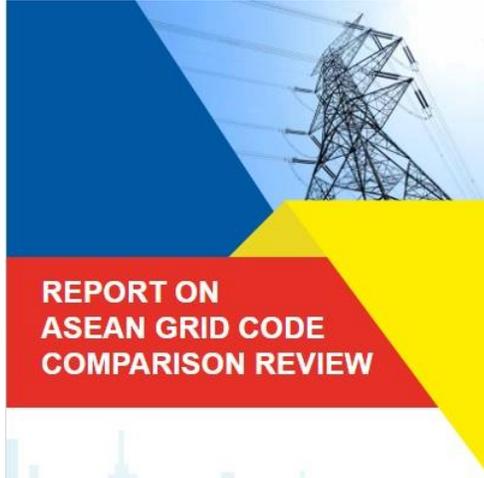
Reports & Studies



STUDY ON SMART
GRID OVERVIEW
IN ASEAN

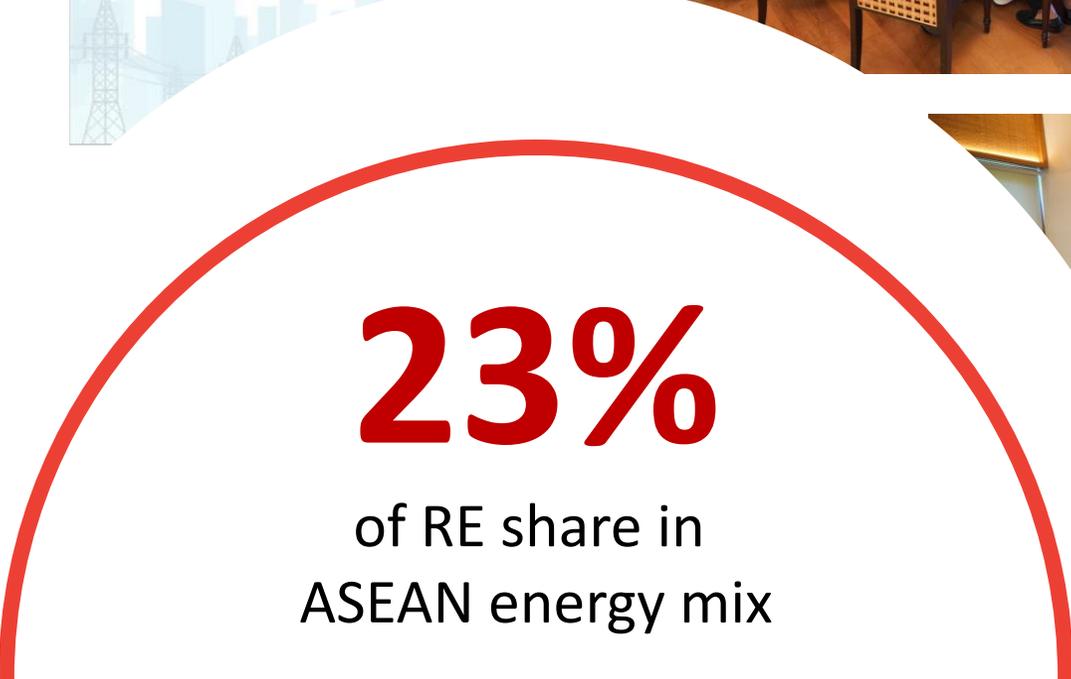


LEVELISED COSTS OF
ELECTRICITY (LCOE) FOR
SELECTED RENEWABLE
ENERGY TECHNOLOGIES IN
THE ASEAN MEMBER STATES II



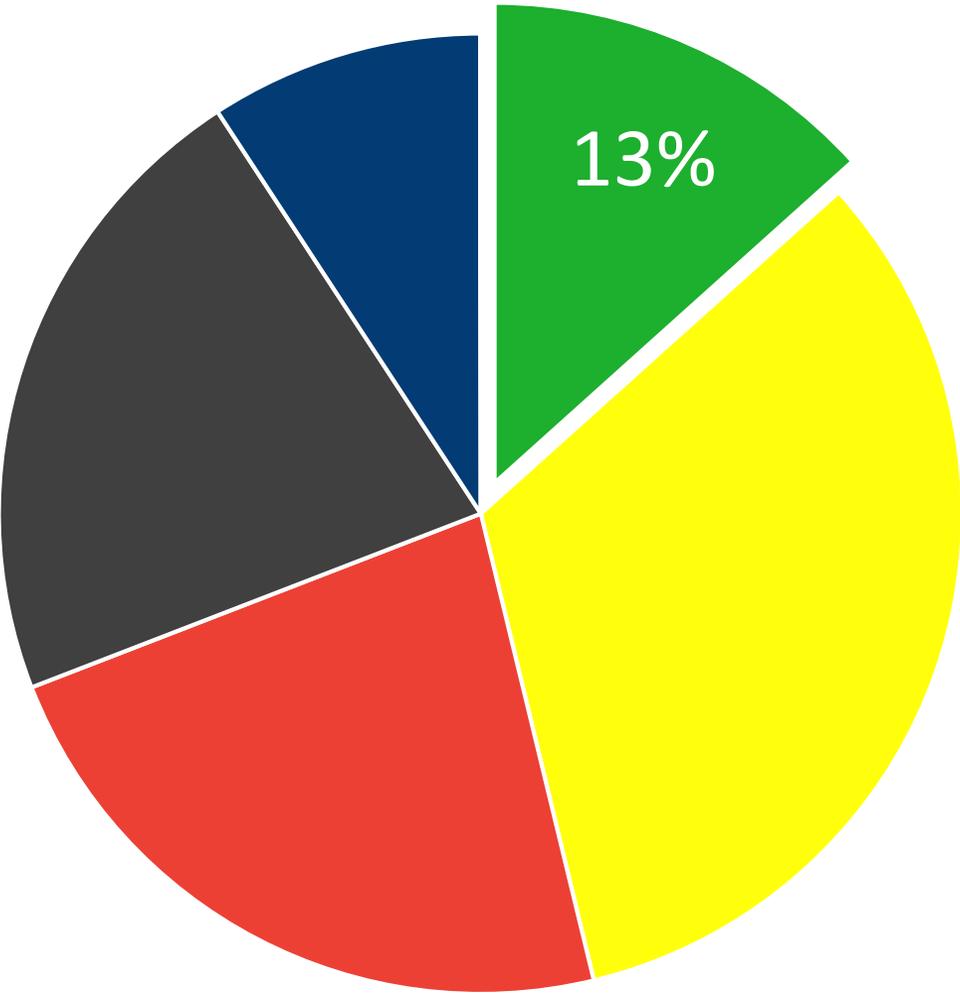
REPORT ON
ASEAN GRID CODE
COMPARISON REVIEW

Meeting, Workshops, & Trainings





One Community
for Sustainable
Energy



RE Share in ASEAN (2017)

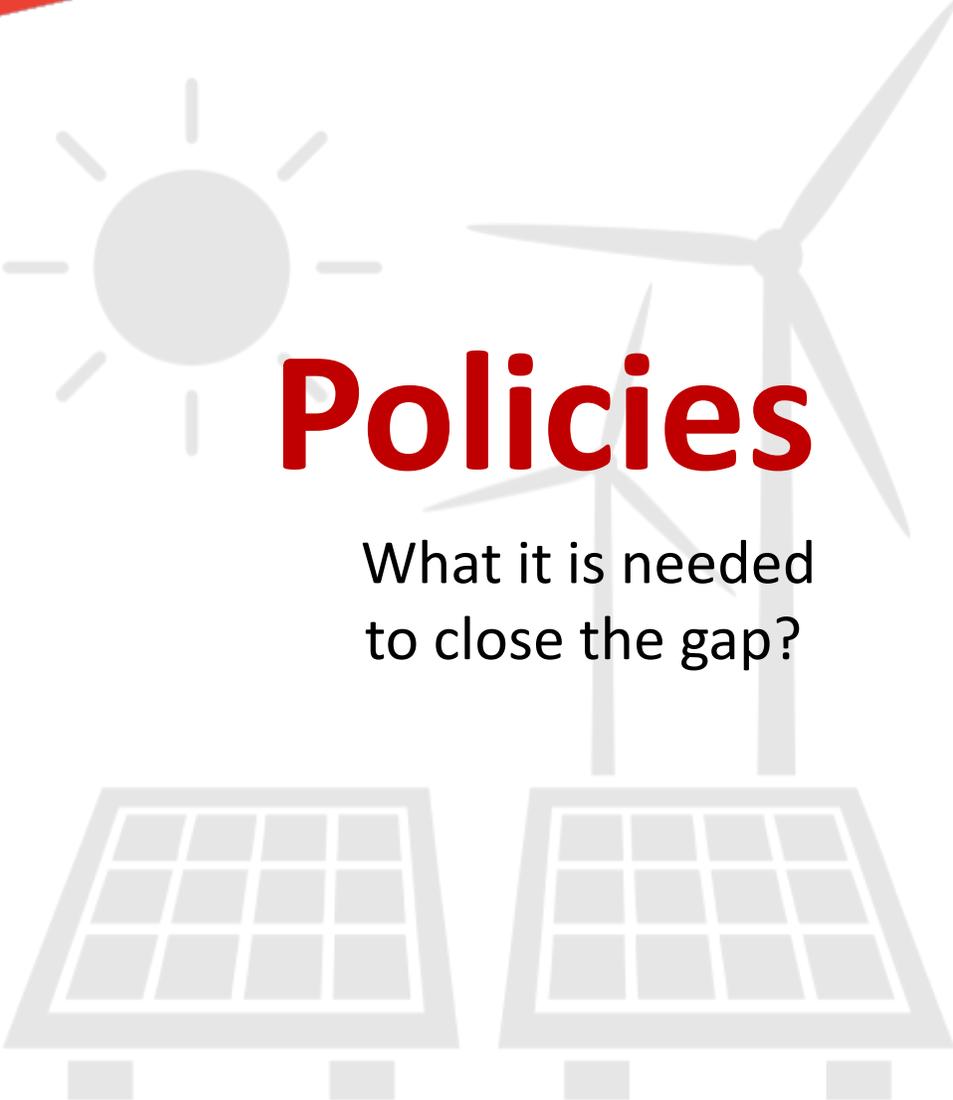
projected to reach 17% by 2025*

*under business-as-usual scenario

- Renewable Energy
- Oil
- Gas
- Coal
- Traditional Biomass
- Other



One Community
for Sustainable
Energy

The background of the slide features several light gray icons: a sun in the upper left, two wind turbines in the center, and two solar panels at the bottom. A thick black vertical line is positioned to the right of the word "Policies".

Policies

What it is needed
to close the gap?

Benchmark

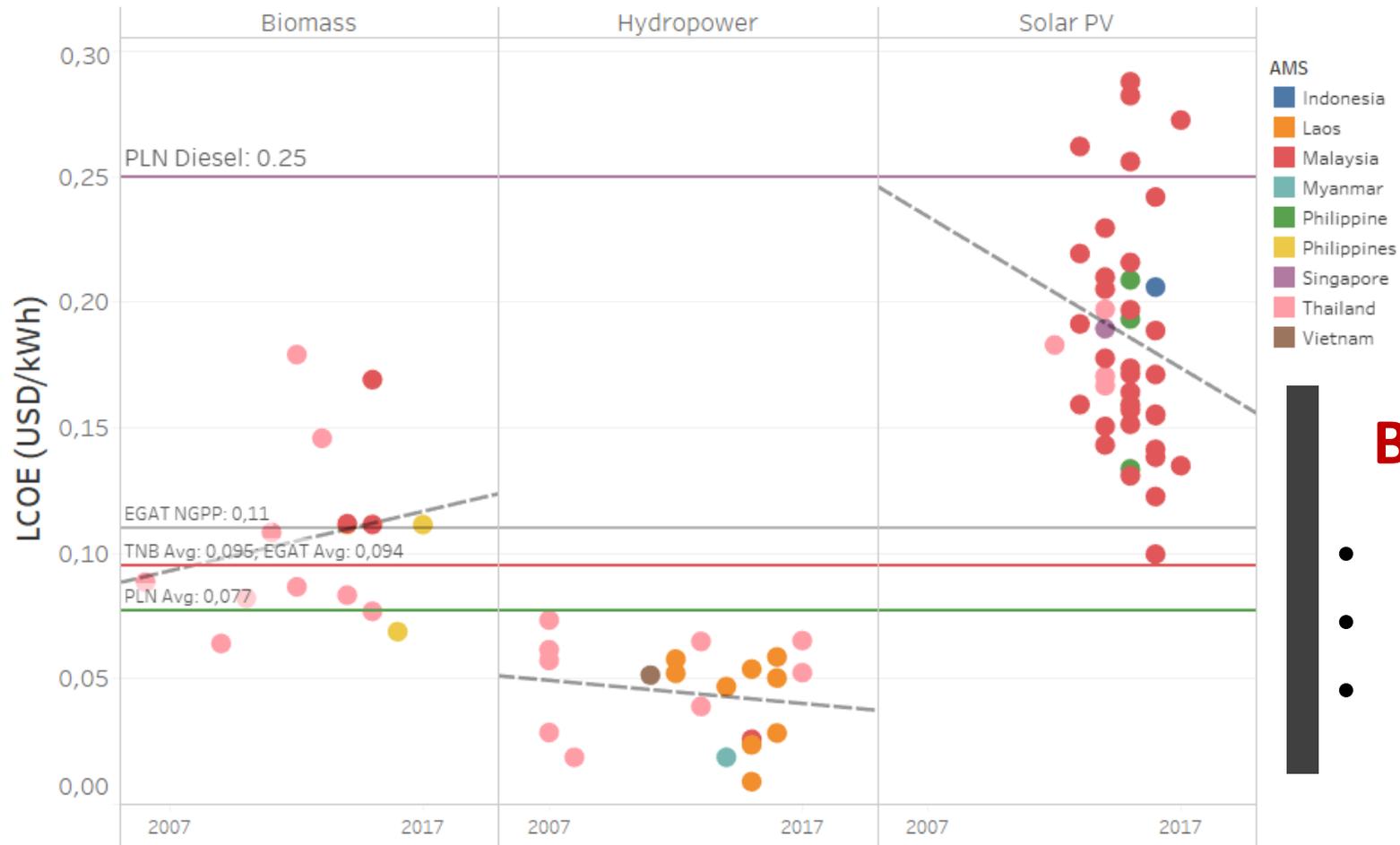
Capacity building

Institutional support

Funding mechanism

Stakeholders coordination

Limitations of Regional Approach



Benchmark?

- More data
- Less assumption
- Localised context



One Community
for Sustainable
Energy

Synergy in ASEAN for RE Development

Information

ASEAN centralised data



Collaboration

Multi-stakeholder partnership



One Community
for Sustainable
Energy

Thank you

Further information on aseanenergy.org