



THE STATUS OF EE&C and RE IN CAMBODIA 2025

National EE&C and RE Success Stories for Accelerating
ASEAN's Energy Transition



CONTENTS

 **01 National Policy Framework, Targets, and Priorities for the Clean Energy Transition**

 **02 Best practices and success stories in implementing EE&C and/or RE initiatives for accelerating the region's energy transition**

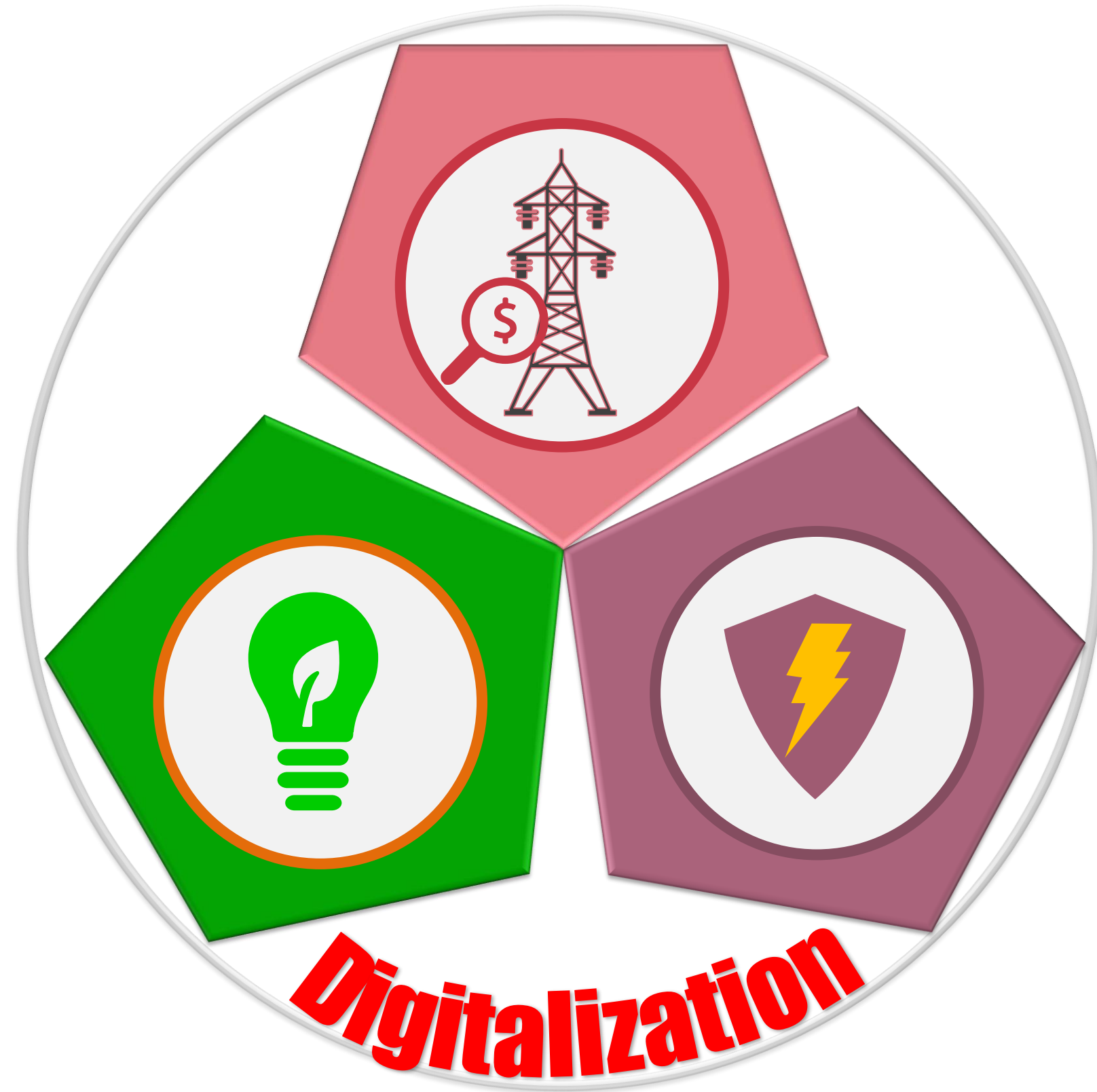
7TH MANDATE GOALS (2023-2028)

Committed to achieve 70% installed renewable capacity, a 19% decrease in energy consumption and enhance electrification by 2030.

Many policies and roadmaps have been published to reduce Demand side (EE) and Clean Supply side (RE) towards Carbon Neutrality in 2050



Power Development Plan 2022-2040



01

Energy Reliability and Affordability

To fulfil the **future demand** for power adequacy with the **supply of reliable and affordable** electricity across all sectors in Cambodia.

02

Energy Security

To strengthen **energy security** by reducing the dependency on energy imports and maximizing the development of **domestic energy resources**.

03

Energy Sustainability⁴

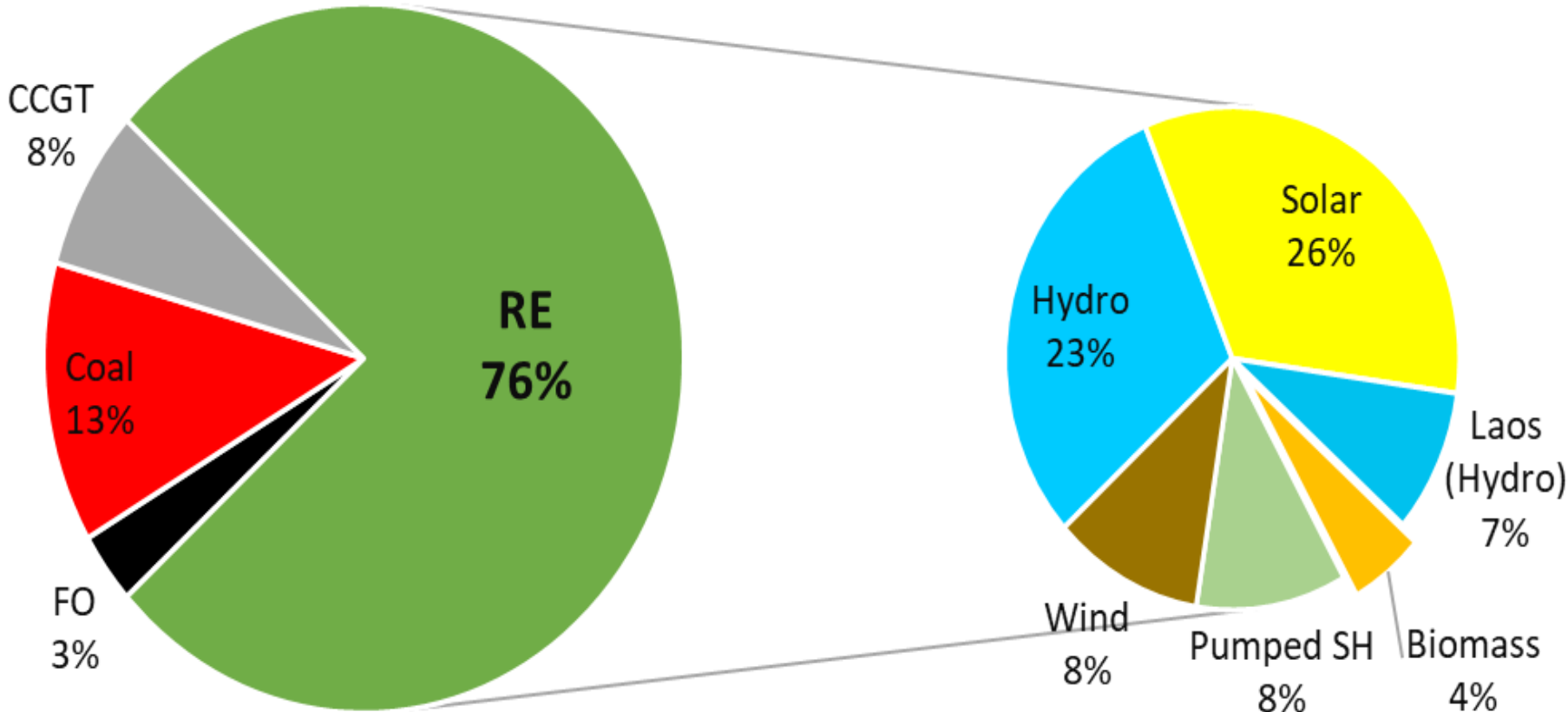
To increase the **share of clean energy**, including **renewable and variable renewable energy, and energy efficiency**, by ensuring reliability and affordability of supply.

To contribute to the achievement of **Cambodia's national environmental goals** and global commitments to reduce **greenhouse gas emissions**.

REVISED PDP - TARGET CAPACITY MIX

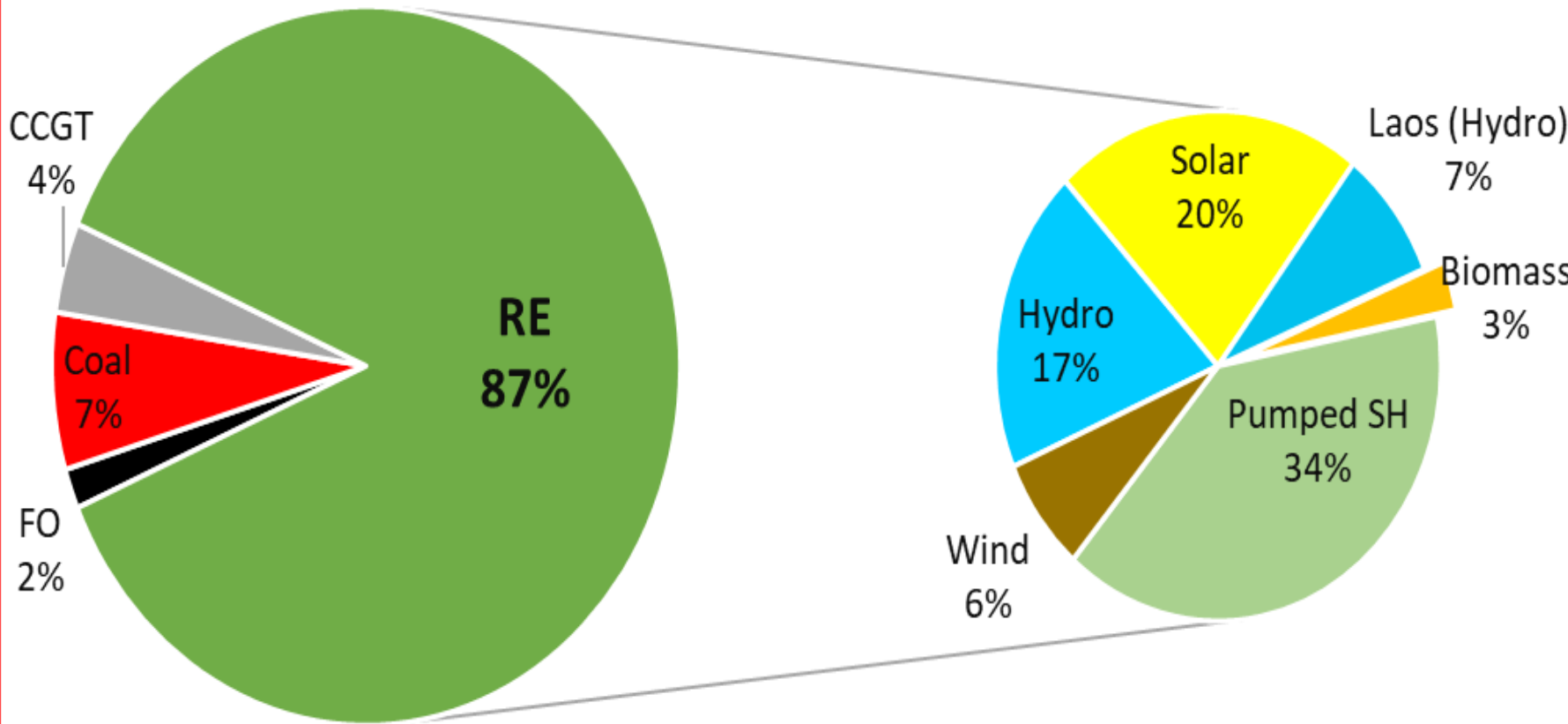
Installed Capacity by types in 2030

12,202 MW



Installed Capacity by types in 2040

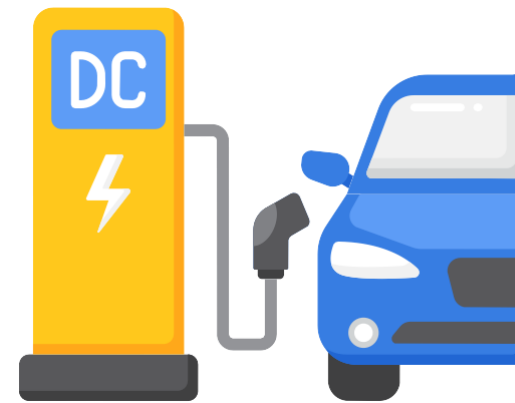
22,157 MW



Energy Transition Roadmap



Ensure CARE:
Clean,
Affordable,
Reliable,
Equitable
energy



Manage **energy transition**
towards net zero
carbon, including
EV charging
infrastructure



Increase **renewable energy**
to at least 70% by 2030 -
a double of the ASEAN
expected benchmark of
35% by 2025.

Energy Transition Roadmap



Aligning **policies and plans** with carbon neutrality goals: upcoming PDP revision



Integrate battery storage

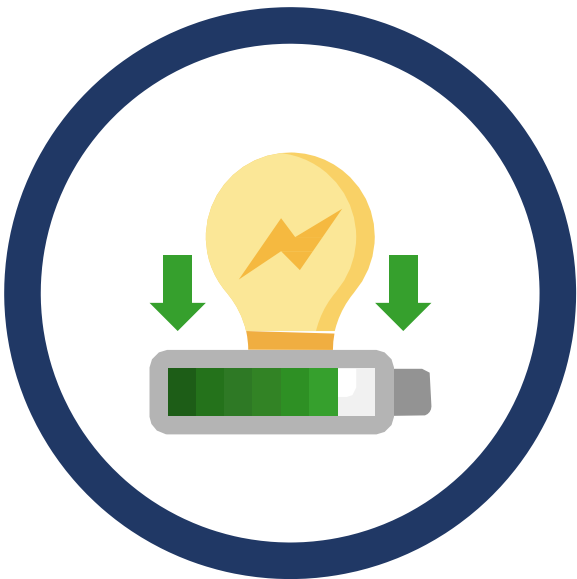
- 1000MW pumped storage hydro project by 2028
- 2000MW of solar and wind power to the national Grid by 2030.



Phasing out coal

- Recently cancelled the last 700MW domestic coal power plan
- Exploring the feasibility to retire small fleet of coal power plants early.

Increase Energy Efficiency



Reduce energy
consumption by
19% by 2030

= approximately
**1,500 MW
reduction**



Promote energy efficiency
**through policy
implementation
and strategic
planning.**

Reductions as per National Energy Efficiency Policy (NEEP)

34%
residential
sector

29%
public
services

25%
commercial
buildings

20%
industrial
sector

5%
transport
sector

Thank You!