



ASEAN Centre for Energy
One Community for Sustainable Energy

The ASEAN low-carbon energy future

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ASEAN Centre
for Energy

One Community for
Sustainable Energy

**ASEAN PLAN OF
ACTION FOR ENERGY
COOPERATION (APAEC)
2026-2030**



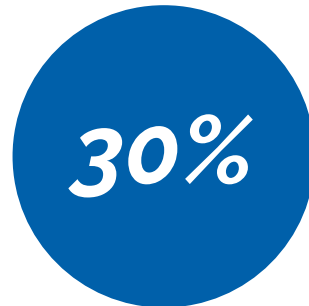
The new long-term vision of our energy cooperation ...

***ASEAN Energy Future 2045: Secure, resilient,
and interconnected low-carbon energy future***

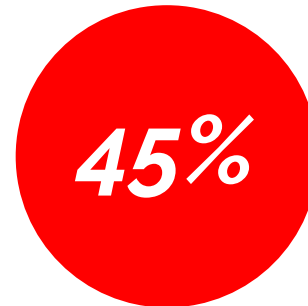
... and the theme of the APAEC 2026-2030 ...

***Advancing regional cooperation in ensuring
security and accelerating decarbonisation
for a just and inclusive energy transition***

... ASEAN is committed: by 2030 to achieve ...



Share of RE in TPES



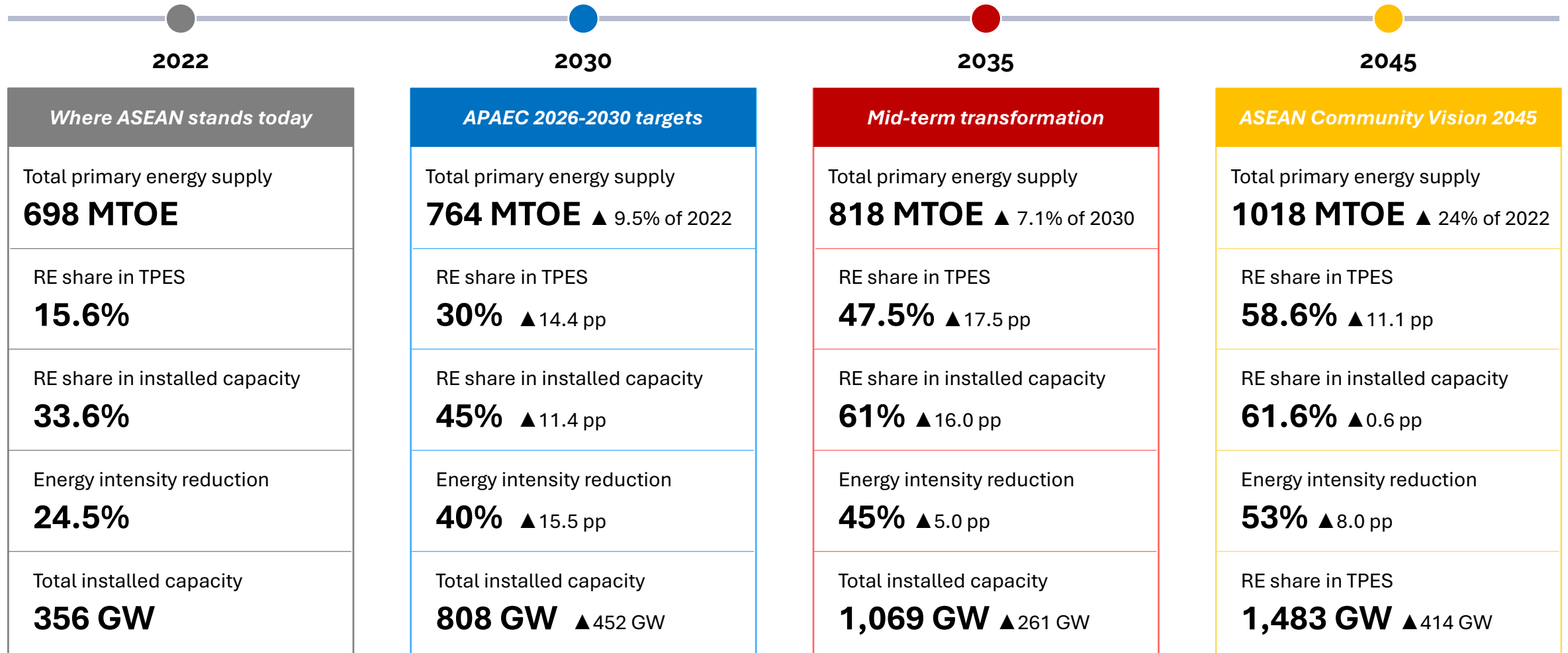
***Share of RE in
installed capacity***



***EI reduction
from the 2005 baseline***

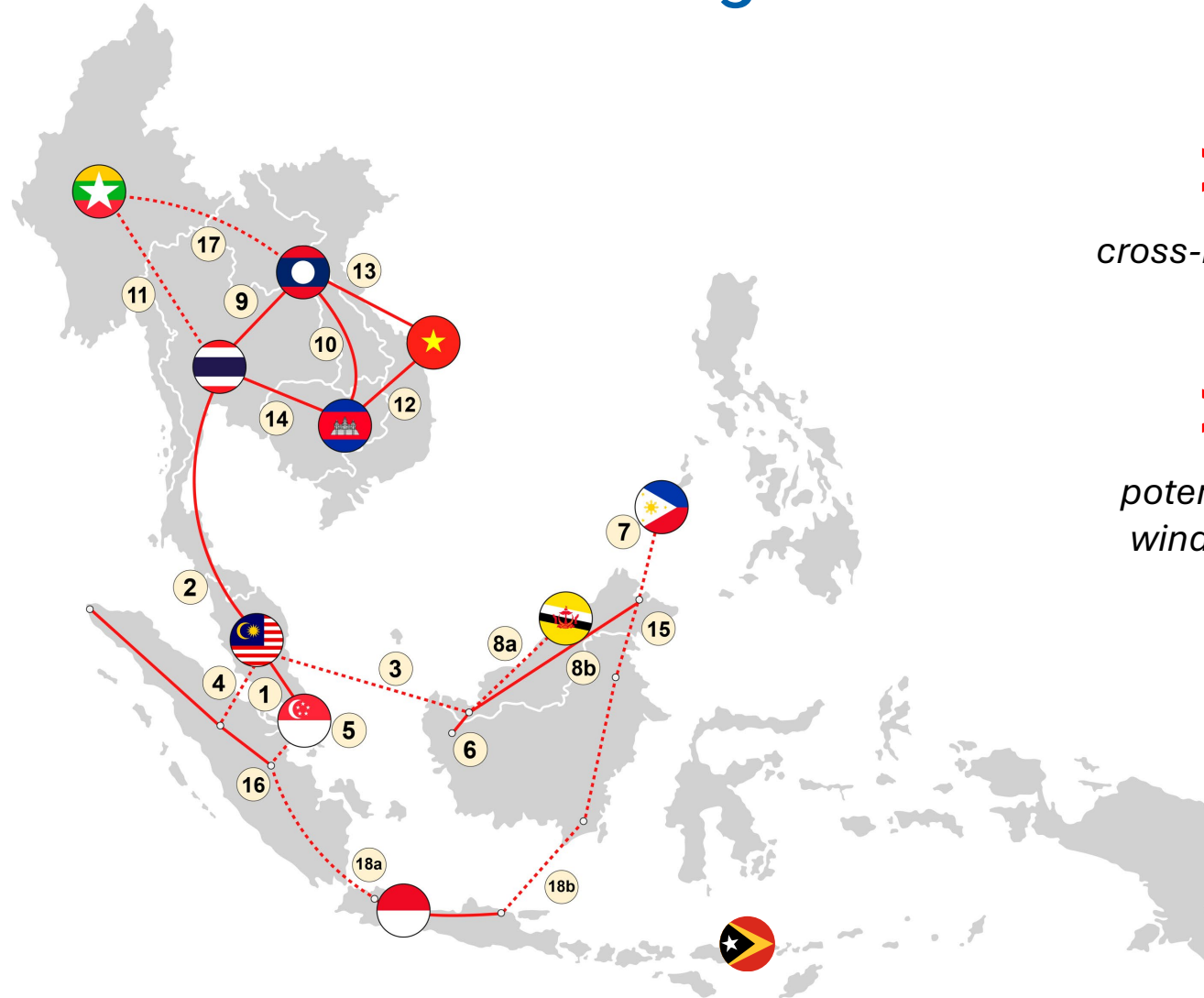


Regional energy transformation requires cooperation for coherent works





ASEAN Power Grid as the region's next immediate frontier of cooperation



> 18
cross-border projects

> 24 GW
interconnecting capacities

> 62
*potential solar and
wind project sites*

> 8.1 GW
*potential solar and
wind power capacity*

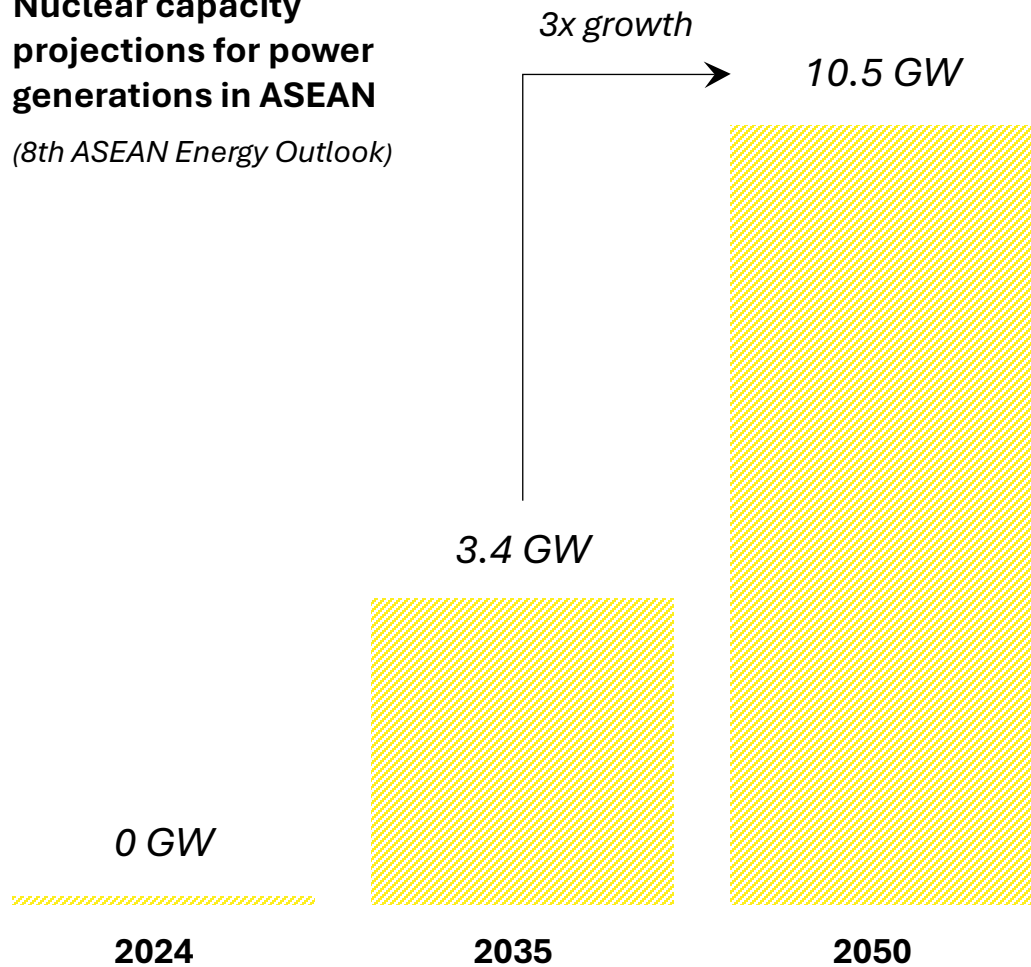
Legend

- Existing Interconnection
- ⋯ Planned Interconnection

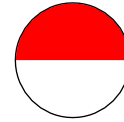


Nuclear power generation is projected to grow in ASEAN

Nuclear capacity projections for power generations in ASEAN
(8th ASEAN Energy Outlook)



Selected national progress on nuclear power development



- **Setting up NEPIO** for national NPP project implementation
- **2 x 250 MW nuclear capacity** included in RUPTL 2025-2034



- **Nuclear power programme assessment by MyPower**
- **Cooperation engagement** with multiple external partners



- **NEP-IAC establishment** as the national infra coordinator
- **1.2 GW (2032)** and **4.8 GW (2050)** nuclear capacity planned



- **2 x 300 MW SMR nuclear capacity** considered by 2037
- **Cooperation engagement** with multiple external partners



- **Confirmed consideration of nuclear** for potential future use
- **Engagement with partners**, focussing on capacity building



- **Revisiting the feasibility** of the Ninh-Tuan NPP Project
- **Up to 6 GW of nuclear capacity** in the national planning



Thank you