

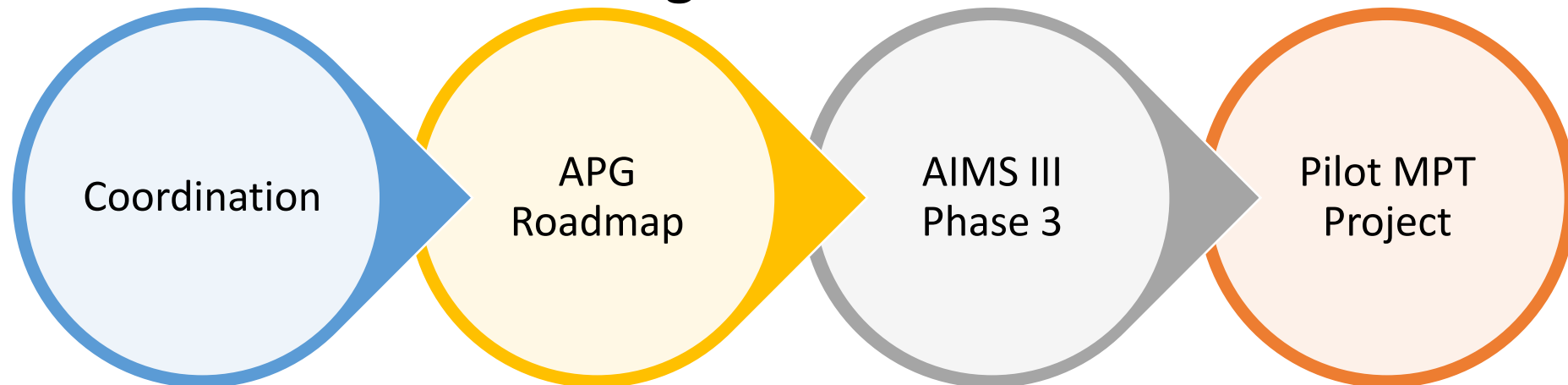
Briefing on ESCAP's activities and linkages with GMS ETTF

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ASEAN Power Grid Advancement Program

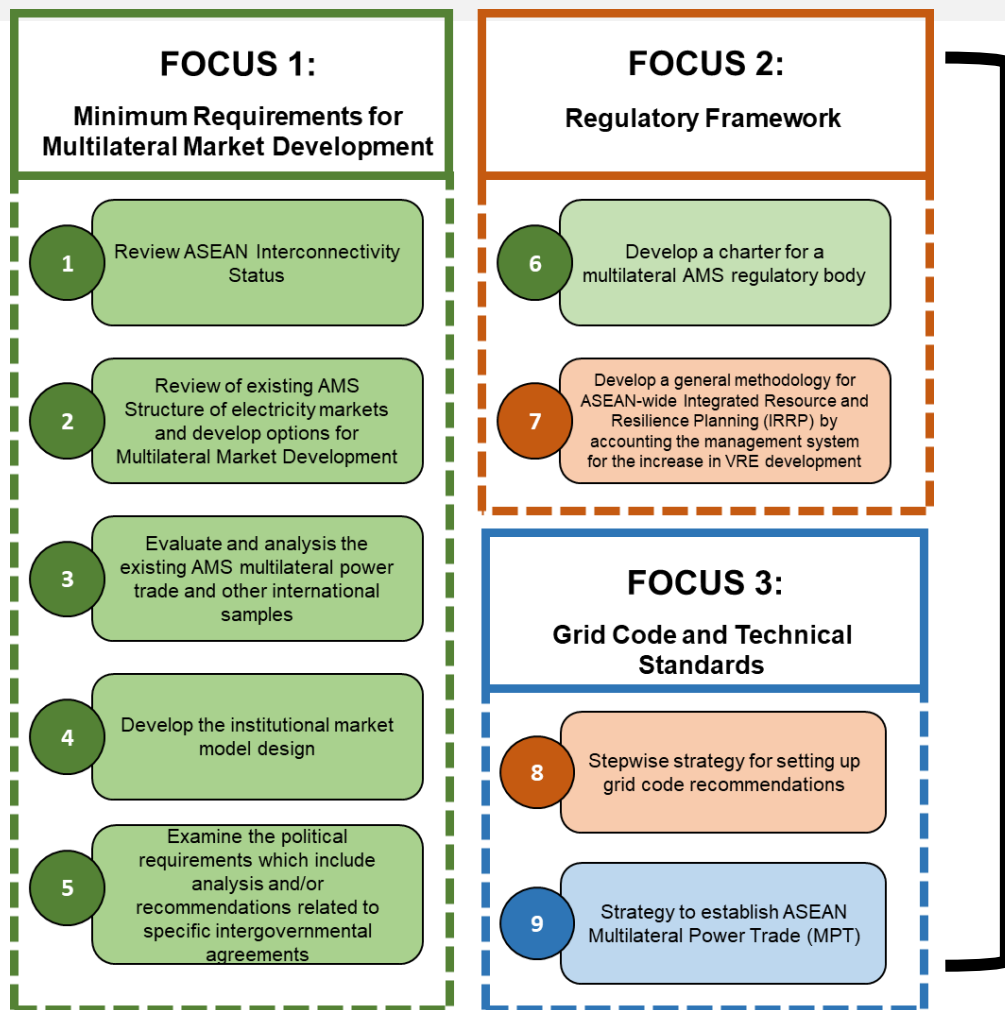
- Launched in 2023 through trilateral partnership agreement between ETP/UNOPS, GIZ-CASE and ACE (2023 – 2025), ESCAP is a partner in delivering APG-AP
- Objective: Support the implementation of the ASEAN Power Grid and increase renewable integration



ASEAN Power Grid Roadmap

- To be reported to 42nd SOME and disseminated in August 2024
- Existing mechanisms including LTMS-PIP, BIMP-PIP and GMS Regional Power Market proposal as potential paths towards implementing APG
- Offers opportunities for alignment of GMS work with larger ASEAN Power Grid

AIMS III Phase 3



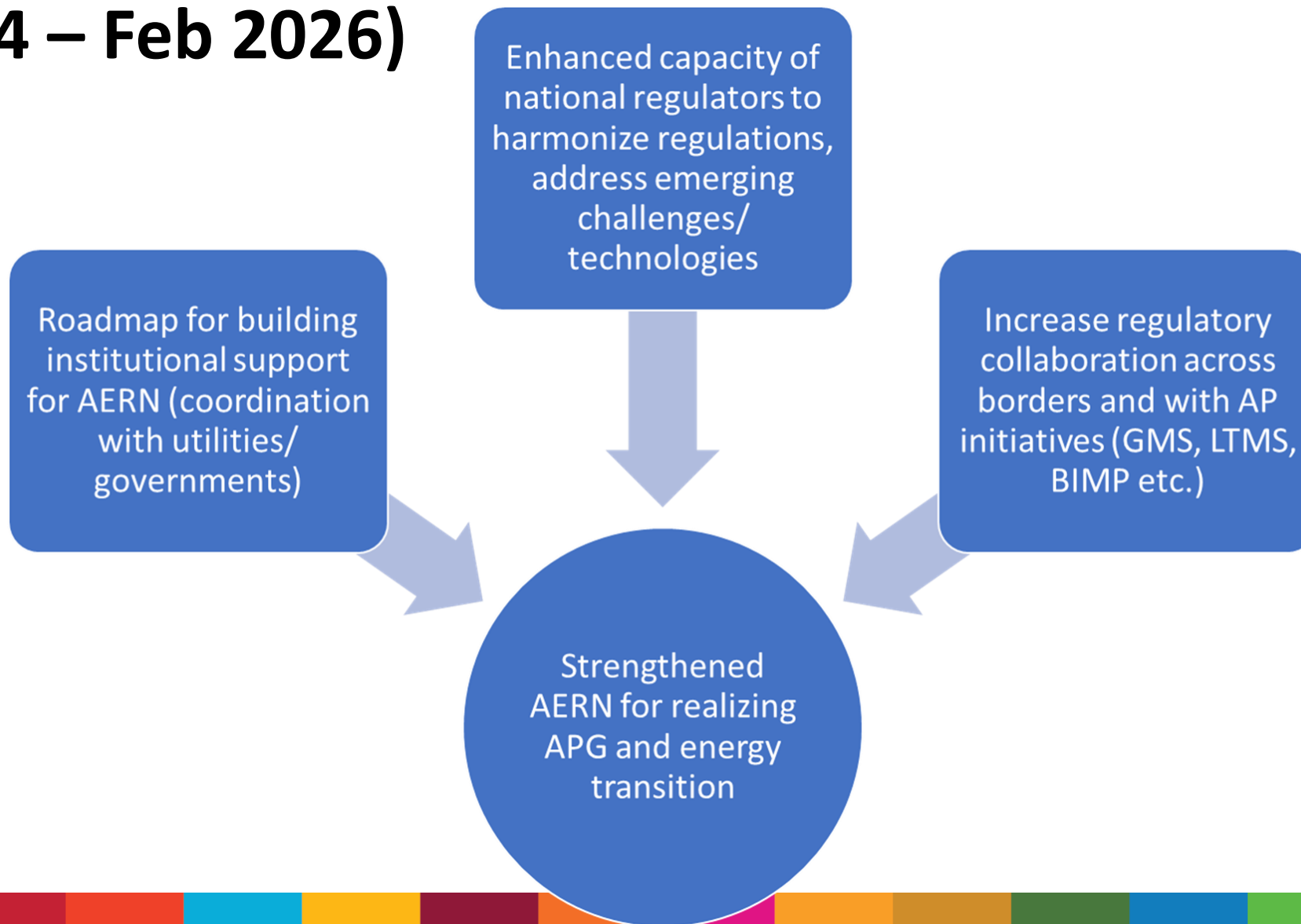
- Relevance to ADB's studies on grid code harmonization and wheeling charges methodologies etc.

Pilot Multilateral Power Trade Project

- Extensive national consultations to be undertaken from August 2024 onwards to identify pilot MPT location
- Timeline for 2024

Activity	Proposed time
Stakeholder consultation to kick off work on identifying pilot location	Aug. 2024
National consultations (first round)	Sep. – Oct. 2024
Stakeholder consultation and donor coordination meetings	Dec. 2024

Capacity Building Programme for AERN (March 2024 – Feb 2026)



Key activity 1: Demand-driven capacity building programme development

Capacity Building Programme Development 21 March 2024

Organize an Inception meeting with key stakeholders and partners to develop a demand-driven and practical capacity building programme

- Stakeholder consultation workshop organized on 21 March 2024 virtually in cooperation with the Malaysia Energy Commission
- Development partners and international organizations including ADB, IEA, ETP, RETA, USAID SPP and P4I (Australia) presented capacity building plans for ASEAN
- AERN members identified capacity building priority topics:
 - Wheeling charges
 - Market design/ options for multilateral power trade
 - Renewable energy certificates
 - Regulatory harmonization and dispute resolution
 - Third party access
 - Role of regulators in multilateral power trading systems
 - Lessons from other regions on energy sector regulations for multilateral power trade

Key activity 2: Training workshops and e-learning

In-person trainings (2 per year)

self-paced online training courses

May 2024 - Feb 2026

In-person trainings (twice per year) will be closely linked to the online self-paced training modules for reinforced learning

1st Training Workshop:
Wheeling charges, 29 May 2024

2nd Training Workshop:
TBD, Nov- Dec. 2024

3rd Training Workshop:
TBD, May 2025

4th Training Workshop:
TBD, Oct 2025



Linked to ASEC

Capacity building workshops for power sector regulators

Sep, 2022

- **North East Asia (virtual)**
- Renewables integration and its impacts on electricity markets
- Regulatory governance of power systems



Jan, 2023

- **South Asia in partnership with SAFIR (virtual)**
- Governance of electricity connectivity
- Model for regional market integration and Cross-border transmission expansion



Apr, 2023

- **Pacific in partnership with ADB (hybrid: Brisbane, Australia and online)**
- Role of energy regulators in energy transition



Nov, 2023

- **Central Asia (hybrid: Almaty, Kazakhstan and online)**
- Renewable energy integration and cross-border trading

Nov, 2023

- **Southeast Asia (hybrid: Jakarta and online)**
- Data-sharing for cross-border trading



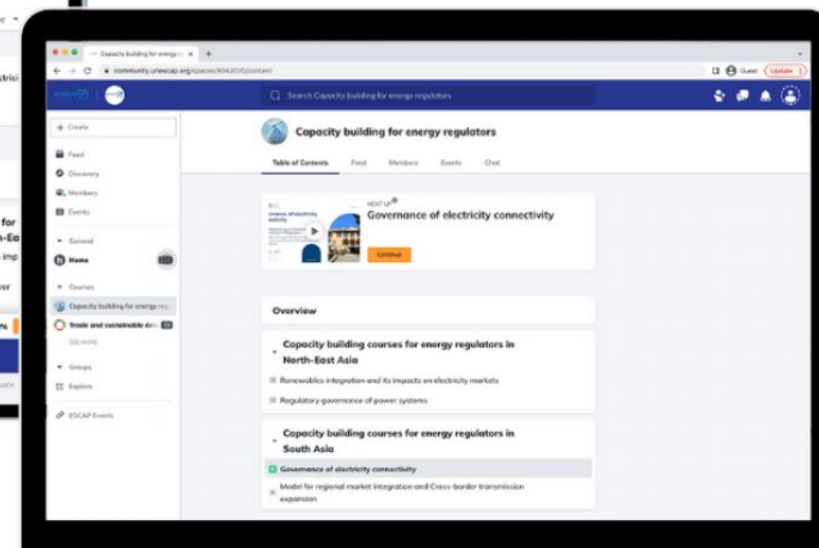
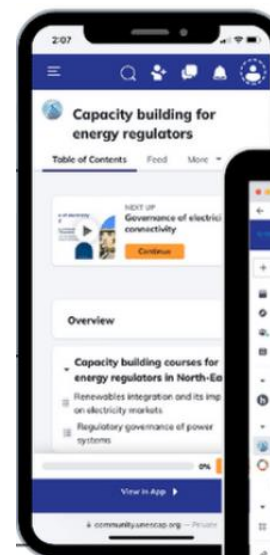
ESCAP community space

Capacity building courses for energy regulators

North-East Asia

South Asia

Central Asia



Key activity 3: Asia Pacific Regulatory Forum

Asia Pacific Regulatory Forum

TBC 2025, TBC 2026

Organize annually to provide
a platform to share
experiences with other
regions and build networks
beyond ASEAN

July, 2022 (1st Forum)

- Regulatory collaboration on power sector issues across the region
- The role of regulation in facilitating the deployment and integration of energy storage solutions in the power sector
- Security implications of cross-border power sector connectivity
- Low carbon fuels in power generation and connectivity

June, 2023 (2nd Forum)

- Regulatory collaboration on power sector issues across the region
- Regulatory collaboration to increase renewable integration
- Security implications of cross-border power sector connectivity
- Implications of pricing for power system integration

February, 2024 (3rd Forum)

- Regulatory collaboration on power sector issues across the region
- International collaboration to increase renewable integration

Key activity 4: Strategy paper

Strengthen AERN's institutional capacity

February 2026

Develop a strategy paper outlining institutional mechanisms to strengthen AERN and to facilitate continued capacity building

Institutional capacity

- The role of regulators in multilateral power trading market system/ energy transition
- Institutional structure for coordination

Continued capacity building



ASEAN School of Regulation?

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