

# Regulatory work and capacity building

The 3rd Asia-Pacific Regulatory Forum on Power System Connectivity

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# Regional Roadmap on Power System Connectivity



Vision, principles and **nine strategies** to enable sustainable connectivity

## Planning

- Develop a regional master plan (Strategy 2)
- Coordinate cross-border transmission planning (Strategy 6)

## Financing and development

- Mobilize investment in cross-border infrastructure (Strategy 7)

## Operations

- Move toward multilateral trading and competitive markets (Strategy 5)
- Co-ordinate cross-border system operations (Strategy 6)

## Cross-cutting

- Build trust and political consensus (Strategy 1)
- Develop intergovernmental agreements (Strategy 3)
- Coordinate, harmonize, and institutionalize policy and reg frameworks (Strategy 4)
- Build capacity and share information, data, best practices (strategy 8)
- Ensure coherence of connectivity with the SDGs (Strategy 9)

# Key activities

## Regional Forums

July, 2022

June, 2023

February, 2024

## Capacity building workshops

North-East Asia

South Asia

Pacific

Pacific-Caribbean knowledge exchange (in progress)

Central Asia

## Knowledge products

Advancing Distributed Energy Resources (DER) Development in SIDS

Policy brief for energy regulators (in progress)

## Online learning

ESCAP community space

# Asia-Pacific Regulatory Forum on Power System Connectivity

## July, 2022 (1<sup>st</sup> 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 (2<sup>nd</sup> 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 (3<sup>rd</sup> Forum)

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



# Capacity building workshops for power sector regulators



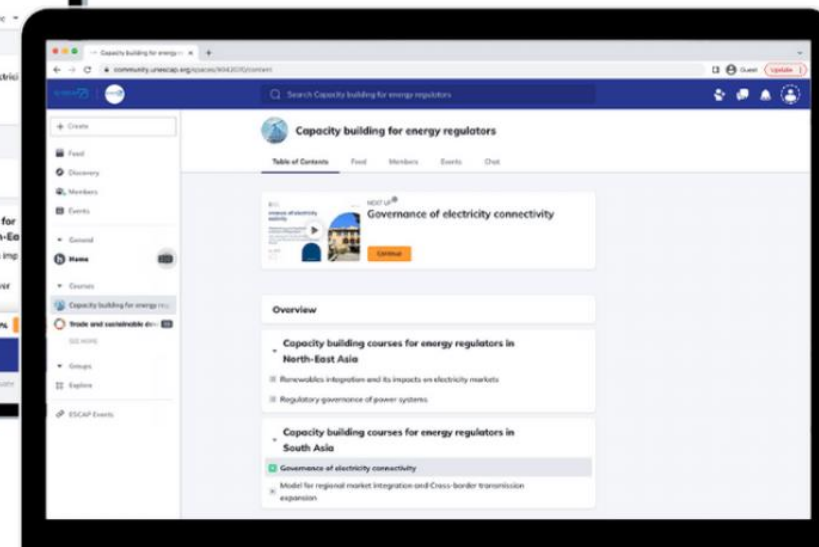
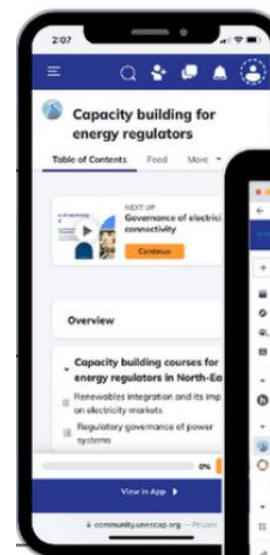
# ESCAP community space

## Capacity building courses for energy regulators

North-East Asia

South Asia

Central Asia

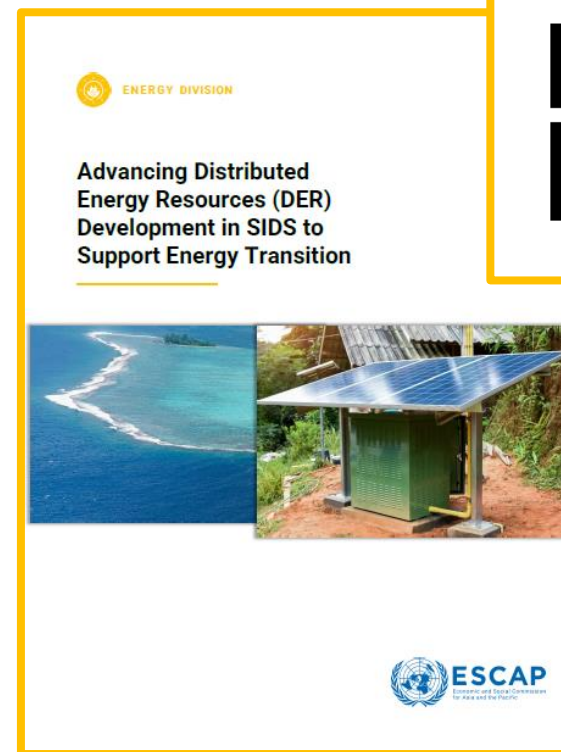




# Knowledge products

Advancing Distributed Energy Resources (DER)  
Development in SIDS to Support Energy  
Transition (October, 2023)

Policy brief for power system regulators  
(March, 2024 – TBC)



## Way forward:

- Acknowledgement of the significance of power sector regulators
- Regular dialogue among energy regulators: sub-regional platforms – regional cooperation.
- Capacity-building programs tailored to the specific challenges and knowledge gaps
- Voluntary and gradual regional cooperation
- Regulatory Forums - a platform to learn from international experiences



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