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ASIAN DEVELOPMENT BANK BUSINESS OPPORTUNITIES FAIR 2025

16-18 SEPTEMBER 2025 | ADB HEADQUARTERS, MANILA

QUALITY INNOVATION IMPACT

Cross-sectoral energy solutions and advanced technologies in ADB's DMCs

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Introduction

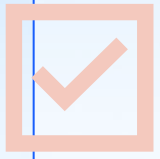


Key priorities of Emerging Areas:

- Building a **sustainable and resilient energy future**
- **Integrated, cross-sector operations** that maximize development impact
- Driving **innovation, frontier technologies, and new financing models.**
- Strengthening **collaboration and knowledge management.**
- Operationalizing ADB's **four operational shifts (climate change, private sector development, solutions, and new ways of working).**



Emerging Areas – core themes and selected initiatives



Cross-sectoral & integrated energy solutions



REG: Catalyzing Growth and Emerging Areas in Asia and the Pacific



REG: Accelerating deployment of smart energy systems and grid integration infrastructure



REG: Reforms, grid strengthening for renewable energy deployment, and regional integration



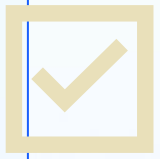
REG: Integration of innovative grid control technology to scale up renewable energy



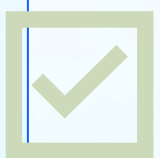
REG: Accelerating battery energy storage system development in the Asia and Pacific Region



LAO: Power Sector Enhancement for Fiscal Sustainability



Advanced technologies & innovative energy solutions



Knowledge transfer and utilization of digital tools



Opportunities to work on development of innovative and emerging energy technologies & solutions



Cross-sectoral & integrated energy solutions

Opportunity to support development of holistic energy solution and increased sector integration

- Floating solar PV and productive use cases in the Pacific
- Integrated energy solutions for transport (and other) sectors
- Power supply for data center development



Advanced technologies & innovative energy solutions

Opportunity to support pilots & deployment of latest technologies and shape new solutions for the sector

- Accelerated BESS deployment for grid stability
- Smart grid technologies
- Vehicle-to-grid integration

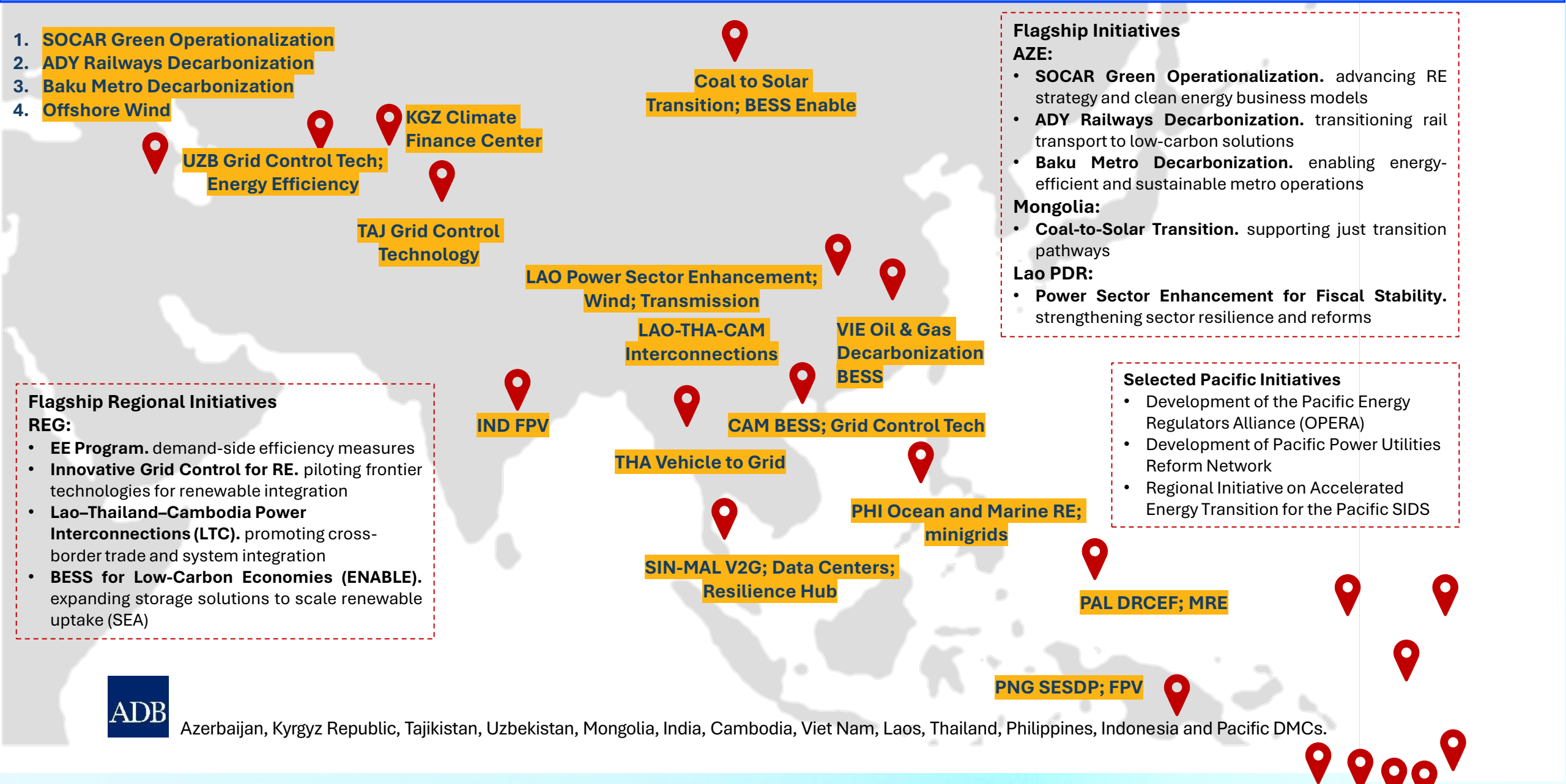


Knowledge transfer and utilization of digital tools

Help bring best practices in emerging technologies and new digital solutions to ADB's region

- Transfer of latest technologies and best practices from advanced economies
- Stronger integration of digital tools, incl. energy tech software, satellite imagery, artificial intelligence

EA portfolio extends across Asia, supporting DMCs in advancing resilience, decarbonization, energy efficiency, and cross-border connectivity.



Azerbaijan, Kyrgyz Republic, Tajikistan, Uzbekistan, Mongolia, India, Cambodia, Viet Nam, Laos, Thailand, Philippines, Indonesia and Pacific DMCs.



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Thank You!

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