

ASIA CLEAN ENERGY FORUM 2025

Empowering the Future: Clean Energy
Innovations, Regional Cooperation and
Integration, and Financing Solutions

2-6 June | ADB Headquarters



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Enhancing Access to BESS for Low-carbon Economies

6 June 2023 | 11:00–12:30 p.m.

(GMT+8)

In cooperation with



Global Energy Alliance
for People and Planet
GEAPP



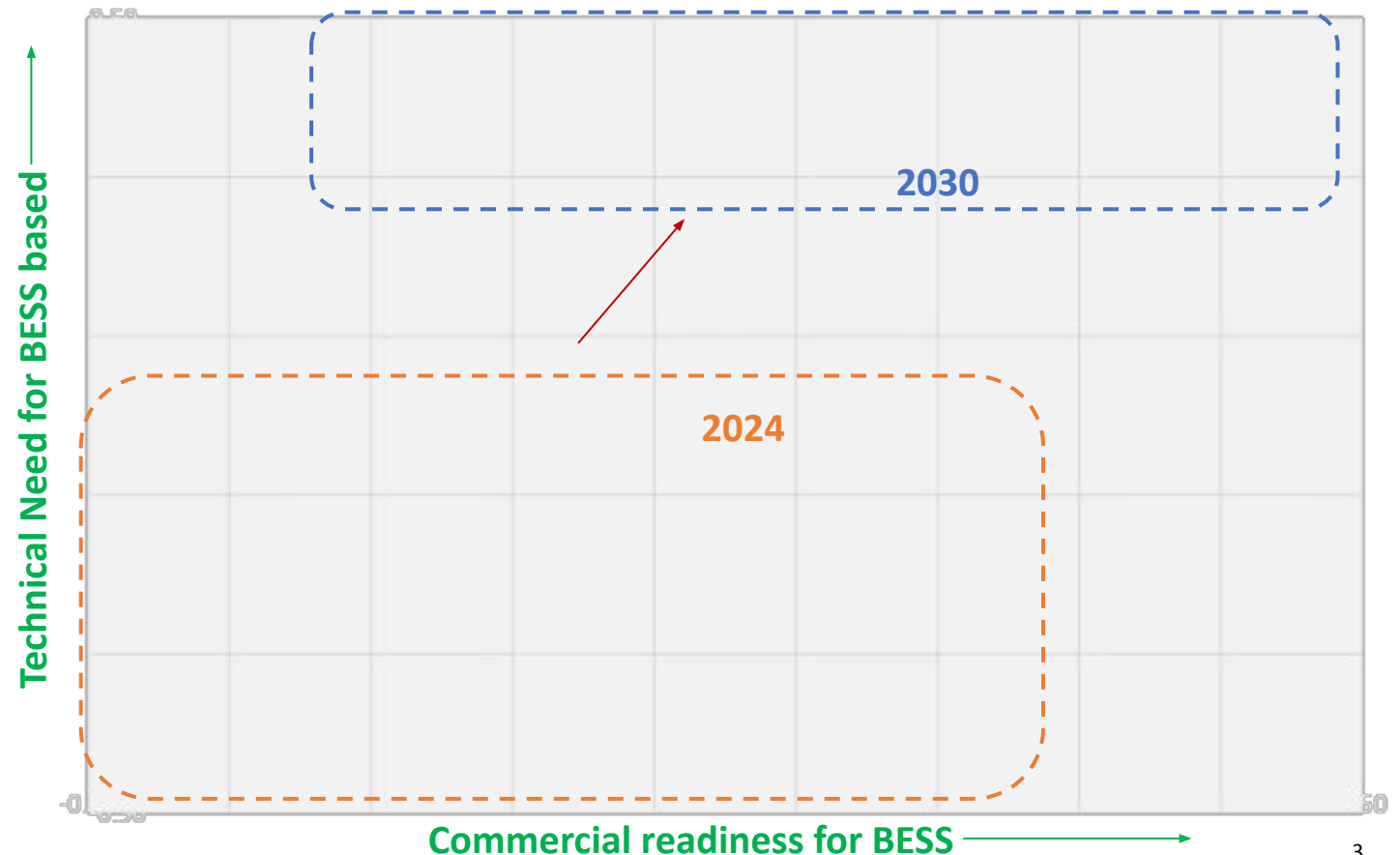
Objectives of ENABLE

GEAPP BESS Consortium was launched in 2023 by a coalition of like-minded development partners with common goal to seed ~5GW of BESS by 2030 across emerging economies. ENABLE is part of BESS Consortium. The goal of the ENABLE platform is to bring together these efforts on to a single platform and catalyze the BESS market in the region.

Objectives

- ✓ Convene key actors and decision makers in the region to build market momentum and raise ambition for deploying BESS in SEA
- ✓ Share BESS investment opportunity in SEA and facilitate a coordinated approach in providing Technical Assistance and Project Financing
- ✓ Identify and leverage convening power, expertise and capital of the global BESS Consortium and partners to support projects in Southeast Asia and Mongolia
- ✓ Share best practices and facilitate learning with actors in Asia, LAC, and Africa to accelerate BESS deployment

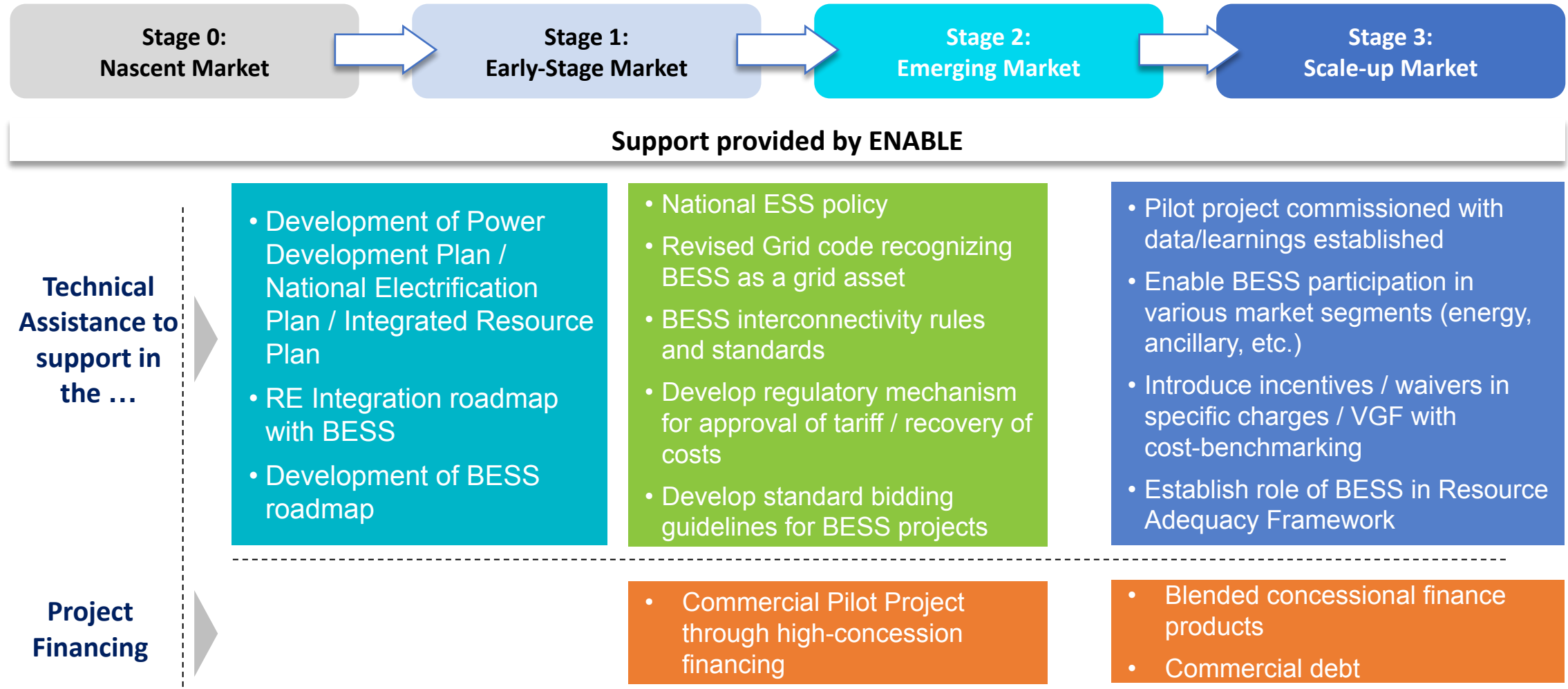
ENABLE aims to improve the commercial viability of BESS in SEA as BESS becomes more critical for large-scale RE integration



Role of ENABLE in different Markets



By mapping SEA countries based on the Market Maturity framework, ENABLE would be able to cater to the specific needs of the country to achieve the “scale-up” stage; Pilot project in New Delhi of 20MW/40MWh, India’s first utility-led BESS project developed in record time



Activating ENABLE



Activation

1 – 2 months

Launch of ENABLE

- Define ENABLE's value propositions and mandate and **create buy-in from key partners**
- GEAPP can move quickly with **first contribution** (e.g., \$250k of TA support)
- Partners mobilize as per agreed timeframes

3– 4 months

Identification of TA and Financing needs in the region

- Engage **Technical consultants** to undertake individual country assessments and scope TA support packages
- Identify and **aggregate project pipeline**, and design TA financing solutions

Implementation

5– 9 months

Implement Support Packages in countries

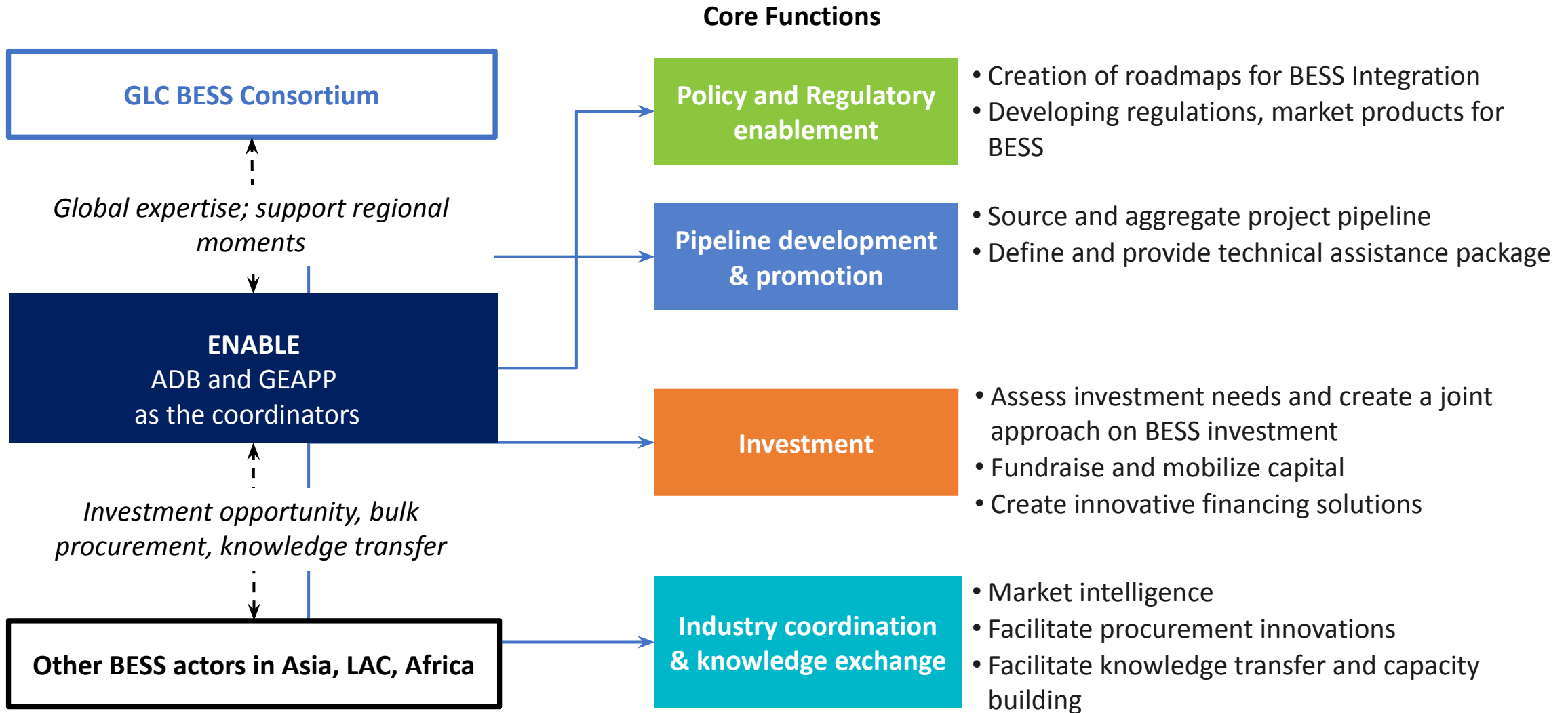
For Early-Stage and Emerging Markets

- Reach **financial close for 2 BESS projects** (50 to 60 MW) and commissioning of pilot BESS projects in SEA
- Jointly develop BESS project pipeline with GLC members+ with preliminary assessment underway and financial resources mapped
- Support Ministry, Regulator with **BESS policy and regulations**

For Nascent Markets

- Support in development of **PDP** and **long-term BESS integration roadmap** in at least 1 country

Structure of ENABLE



Governance of ENABLE

TA Administration

- ADB will administer the Technical Assistance (TA) and will consult with GEAPP before making any material changes to TA documents related to co-financed activities.
- ADB will manage and account for the Grant following its financial regulations and other applicable rules.

Reporting

- ADB will submit progress report and financial report on annual basis

Steering Committee

- GEAPP will be a co-financier of the TA.
- A steering committee will be established, led by ADB with equal representation from GEAPP.

Open Platform

- ENABLE will be an open platform, encouraging participation of other regional and global stakeholders to leverage co-financing and technical expertise.

ENABLE Platform

TA10479-REG: Accelerating Battery Energy Storage System Development in the Asia and Pacific

Objective: The TA aims to unleash renewable energy potential through scaling up BESS deployment. ENABLE platform provides a space for like-minded international financiers to bring their resources on to the platform and catalyze the BESS market in the region. This international alliance initiative is led by ADB and Global Energy Alliance for People and Planet (GEAPP), and potential partners.

Scope:

- a) **Analysis:** Analyze innovative solutions, e.g., AI & digital tools, storage technology options, and more private sector participation.
- b) **Knowledge sharing:** Workshop, webinar, newsletter. Tailored for DMCs.
- c) **Projects:** Identify and process innovative BESS projects pipeline.

Outcome: Prioritized BESS pipeline (\$100-200m)

Period: 2025-2028 (Approved in April 2025)

Countries: Cambodia, Mongolia, Viet Nam (initially).



Source: GEAPP

Recent ADB BESS projects

Sovereign: Apr 2025: Georgia
(200MW/200MWh, \$104 million.)

Non-Sovereign: Apr 2024: Thailand:
(256 MW/396 MWh, \$820 million.)



**Thank
You!**