

ASIA AND THE PACIFIC TRANSPORT FORUM 2024 CLEAN TRANSPORT FOR ALL

14–17 May 2024 | ADB Headquarters, Manila, Philippines

ADB



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E-Mobility Program

Technical Assistance (Component 4)



Why Technical Assistance

- Address the barriers of ineffective e-mobility policies
- Search for suitable and effective business models for e-bus deployment
- Help mainstream climate resilience into design, planning and operation of e-buses
- Ensure more inclusive e-bus deployment
- Ensure coordinated and consistent approach of this multiple country program

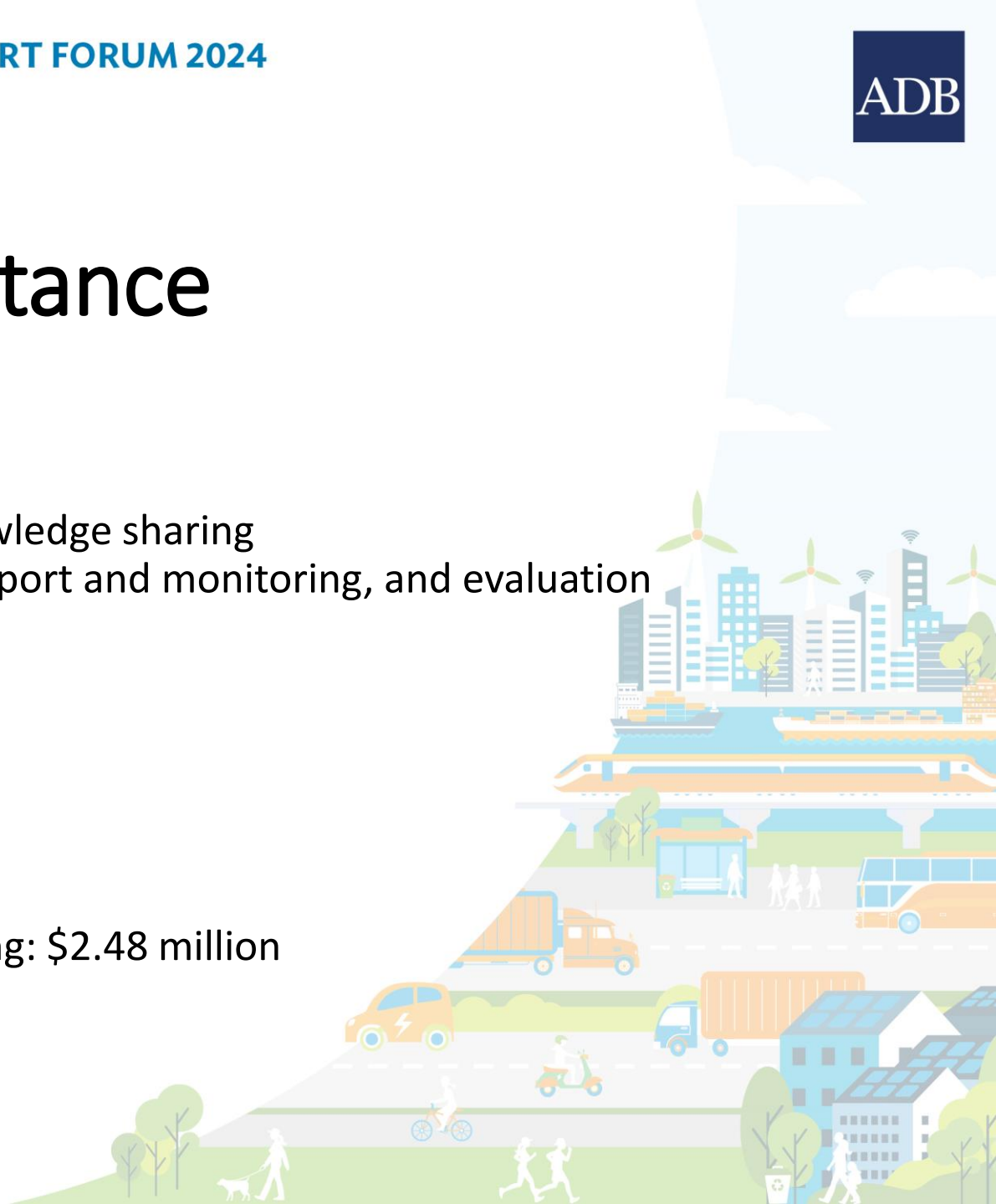


Scope of Assistance

- Project preparation
- Policy advisory assistance
- Capacity building and knowledge sharing
- Program management support and monitoring, and evaluation

Budget

- GCF Grant: \$9.92 million
- ADB and Other Co-financing: \$2.48 million



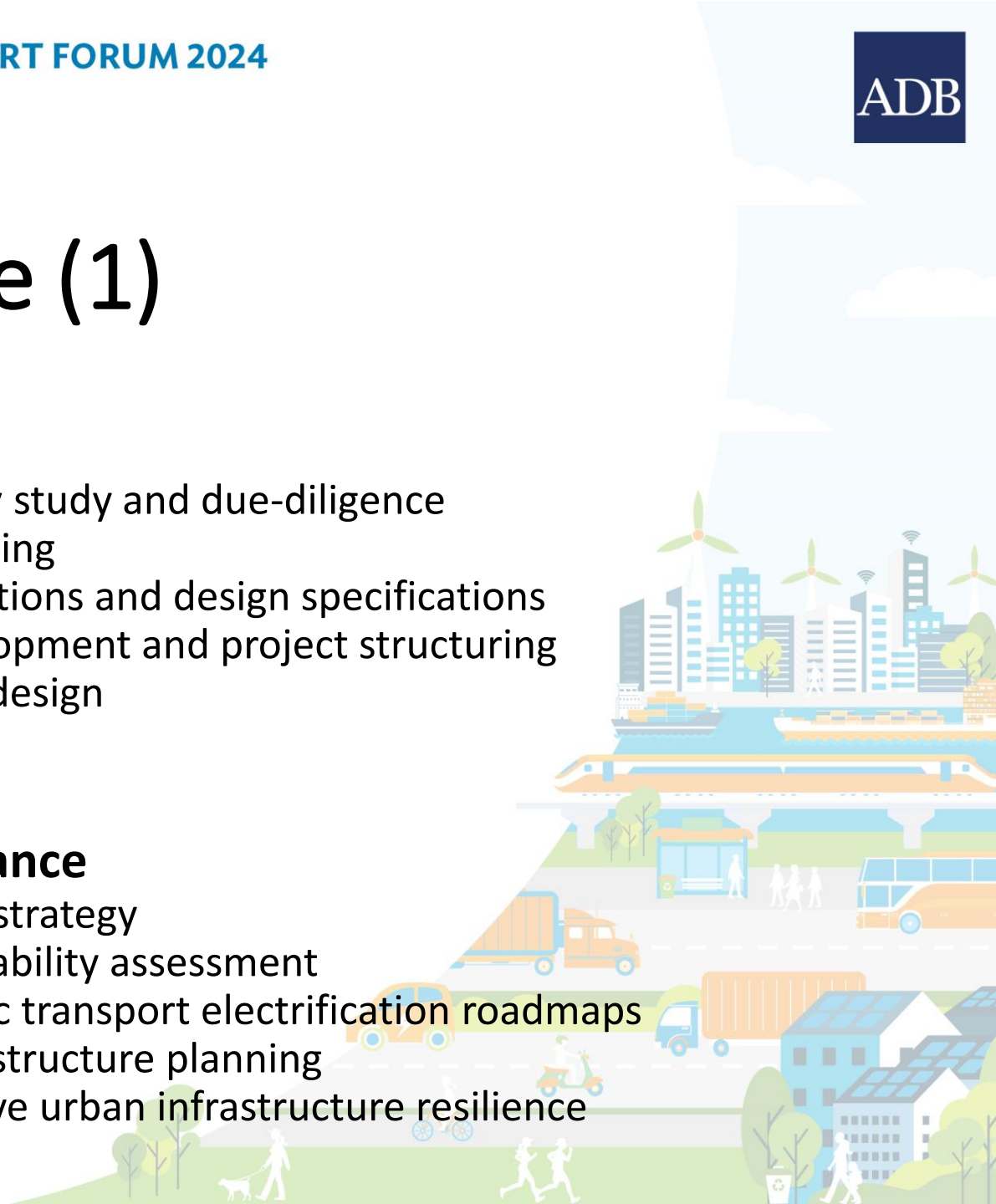
Detailed Scope (1)

- **Project preparation**

- Pre- and full feasibility study and due-diligence
- Public transport planning
- E-bus technology solutions and design specifications
- Business model development and project structuring
- Detailed engineering design
- Procurement support

- **Policy advisory assistance**

- Long-term e-mobility strategy
- Urban risk and vulnerability assessment
- Development of public transport electrification roadmaps
- Battery charging infrastructure planning
- Increased cost-effective urban infrastructure resilience



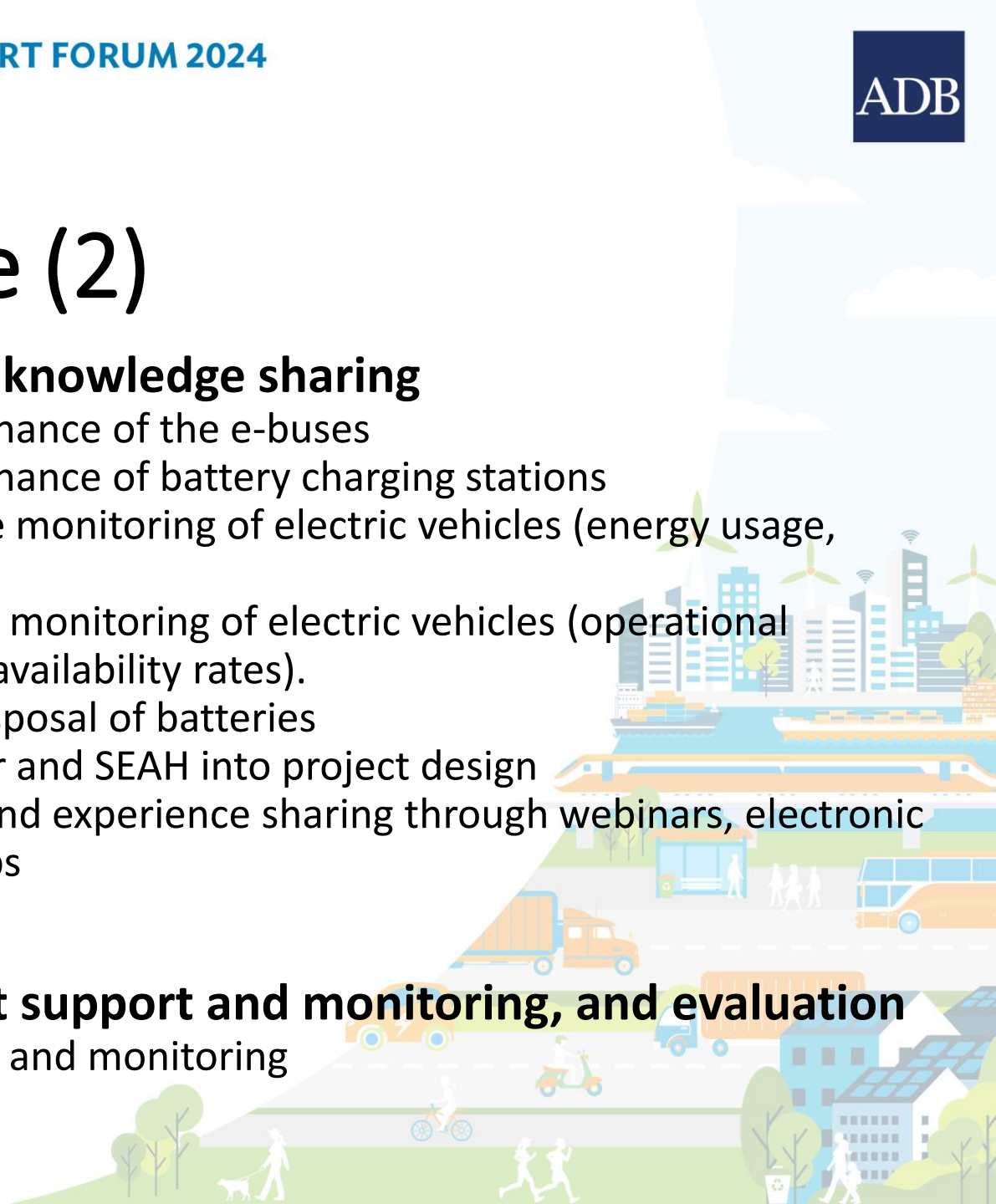
Detailed Scope (2)

- **Capacity building and knowledge sharing**

- Operation and maintenance of the e-buses
- Operation and maintenance of battery charging stations
- Technical performance monitoring of electric vehicles (energy usage, emissions)
- Financial performance monitoring of electric vehicles (operational expenditures, vehicle availability rates).
- Reuse, recycle, and disposal of batteries
- Mainstreaming gender and SEAH into project design
- Knowledge products and experience sharing through webinars, electronic reports, and workshops

- **Program management support and monitoring, and evaluation**

- Program management and monitoring
- Program evaluation



Technical Assistance Design

ADB REGIONAL TECHNICAL ASSISTANCE [CLUSTER]

Generic Assistance Scope Applicable to Program Countries

Country Specific Assistance Scope

- One single Regional Technical Assistance managed by Program Manager
- TA amount: \$9.92 million
- Country specific assistance designed and implemented by the individual Project Teams

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THANK YOU!

