



Central Asia Regional Economic Cooperation Program

STUDY FOR A POWER SECTOR FINANCING ROADMAP WITHIN CAREC

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Asian Development Bank
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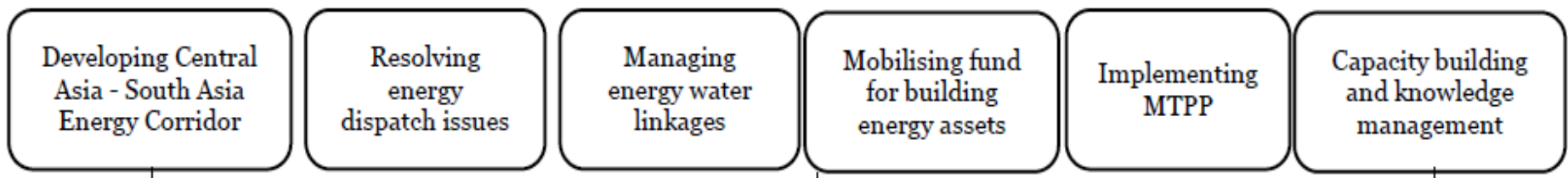
CAREC Power Sector Financing Roadmap Study

The TA aims to assess the capacity and willingness of CAREC countries to finance power infrastructure development from their own resources, and examine other potential sources of financing, for both national and cross-border projects.

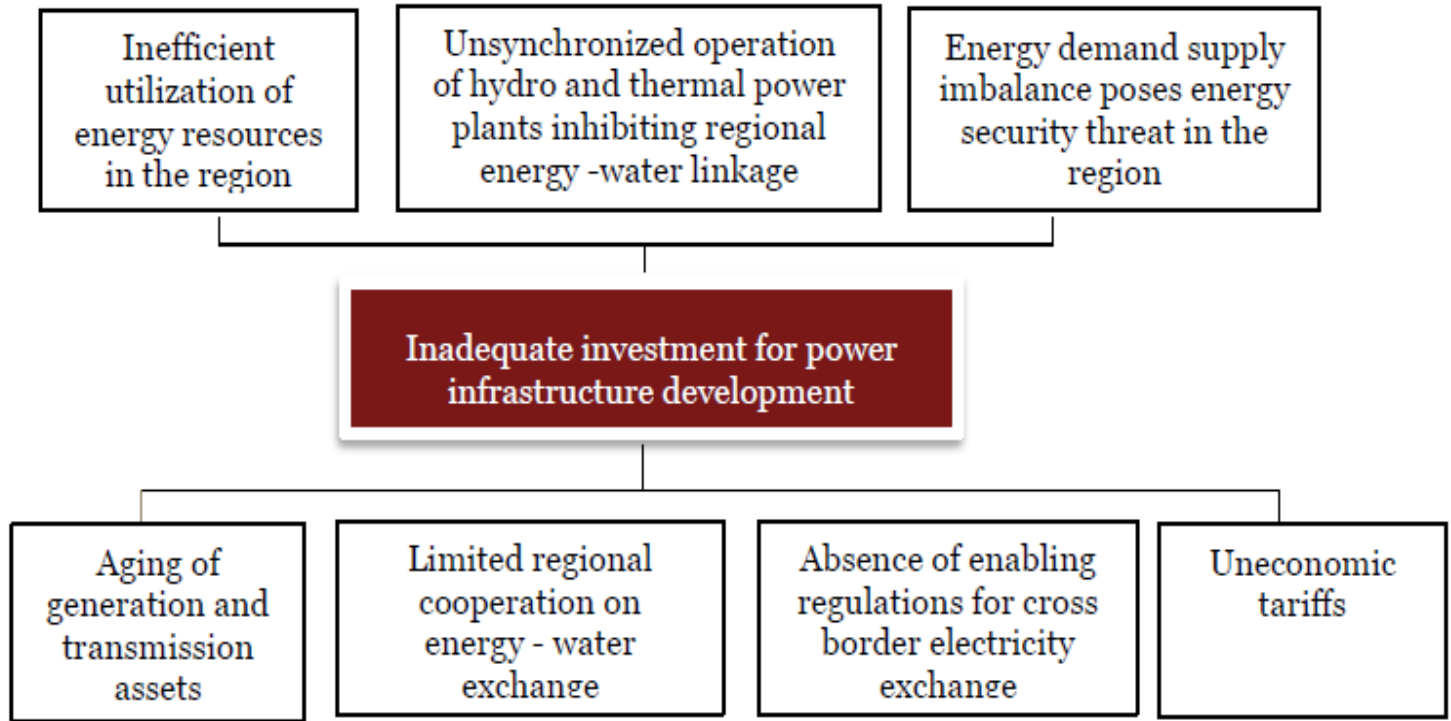
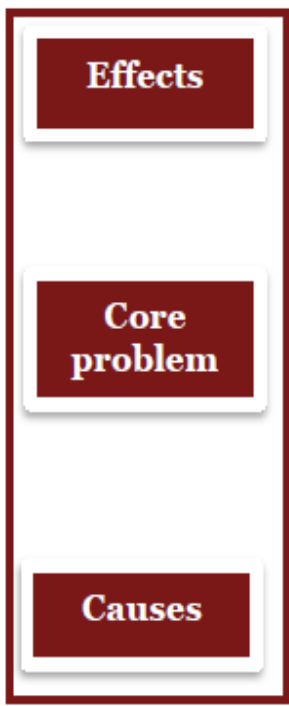


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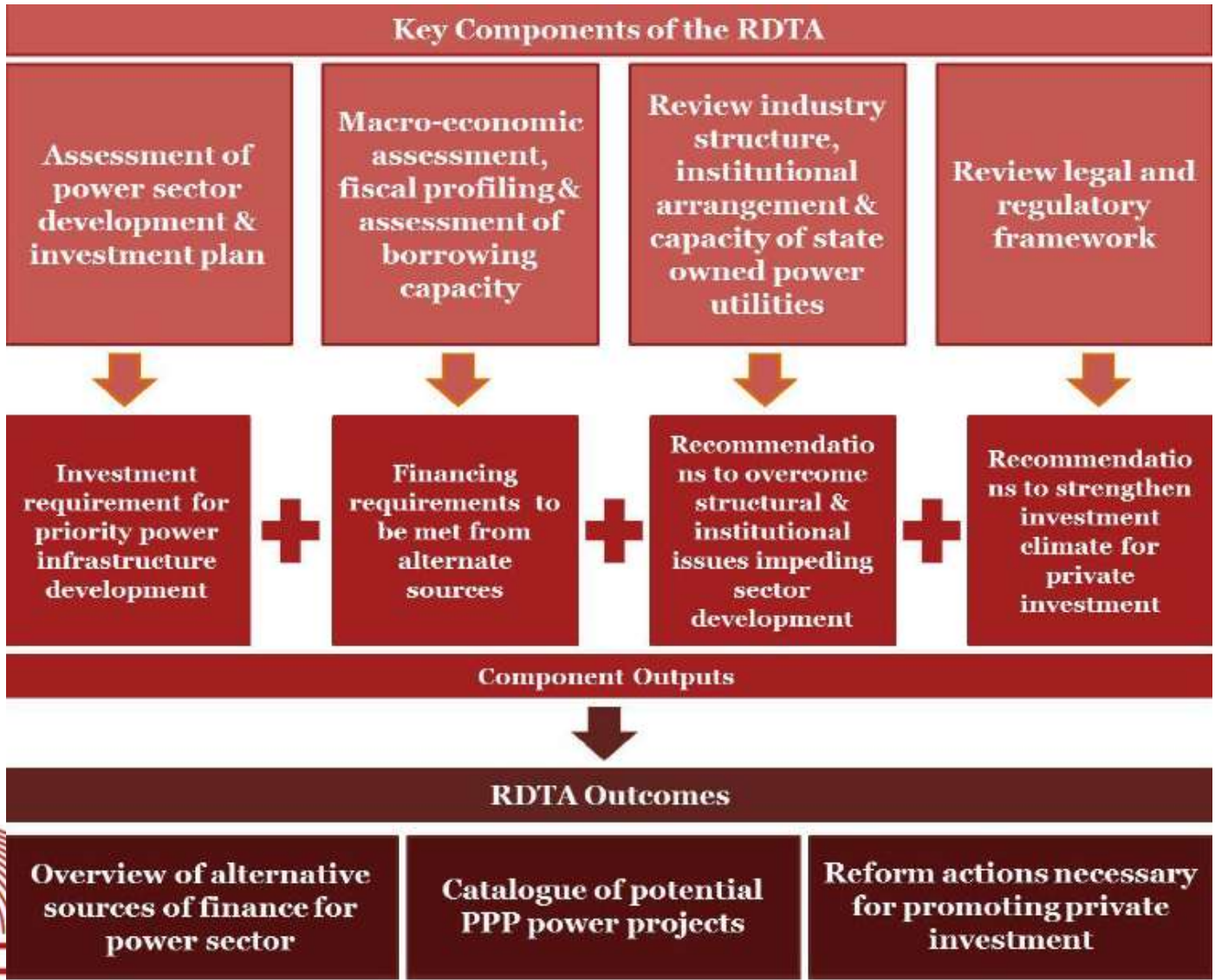


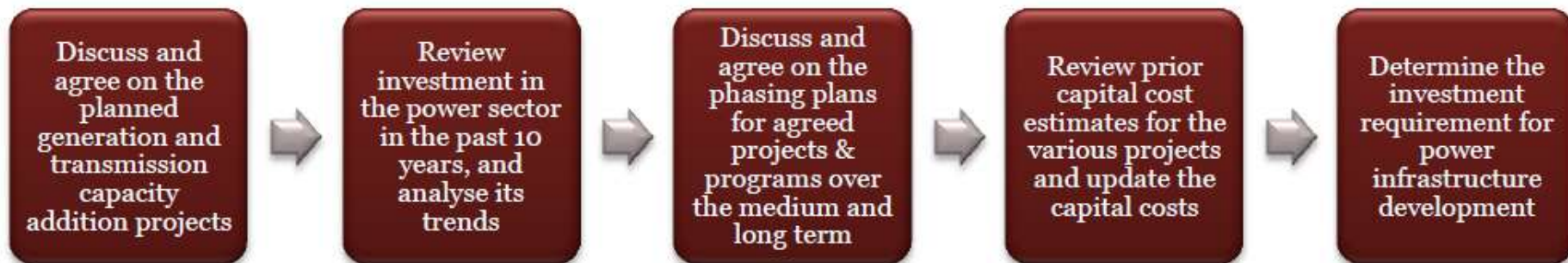
Requirement to draw out the action elements of the EWP 2013-15



CAREC Region Energy Sector Problem Tree

CAREC Power Sector Financing Roadmap Study





Generation Projects

- Priority 1: Rehabilitation of existing power plants, if possible
- Priority 2: New power plants to replace power plants that cannot be rehabilitated
- Priority 3: New power plants, if required, due to higher demand

Transmission Projects

- Priority 1: Rehabilitation/ reconstruction of transmission lines and substations to ensure availability of existing network
- Priority 2: New transmission lines to remove bottlenecks
- Priority 3: New transmission lines and substation for connecting new generating stations
- Priority 4: Projects for inter regional power trade
- Priority 5: New transmission lines to optimize the power flow



Past trend of funding in energy sector as a % of total spending

- Developed by reviewing past assistance programmes of various donor agencies

Future annual funding assistance that will be provided by the donor agencies

- Developed by discussions with donor agencies and analyzing their CPS

Comparison of annual funding assistance vis-a-vis annual investment projected

- Annual investment projected in both national and regional master plans considered
- Developed based on discussions with officials in ministry, other related offices and donor agencies

Estimate the adequacy of available funding

- Used to develop annual layout of funds available vis-a-vis the requirement in each countries

PPP models and associated risks

Types of PPP model (e.g. service or management contract, operating lease, BOOT etc)

Project category by types of PPP model

Risk allocation between government and private entities

Regulatory framework for PPP promotion

Regulation guiding the PPP structure



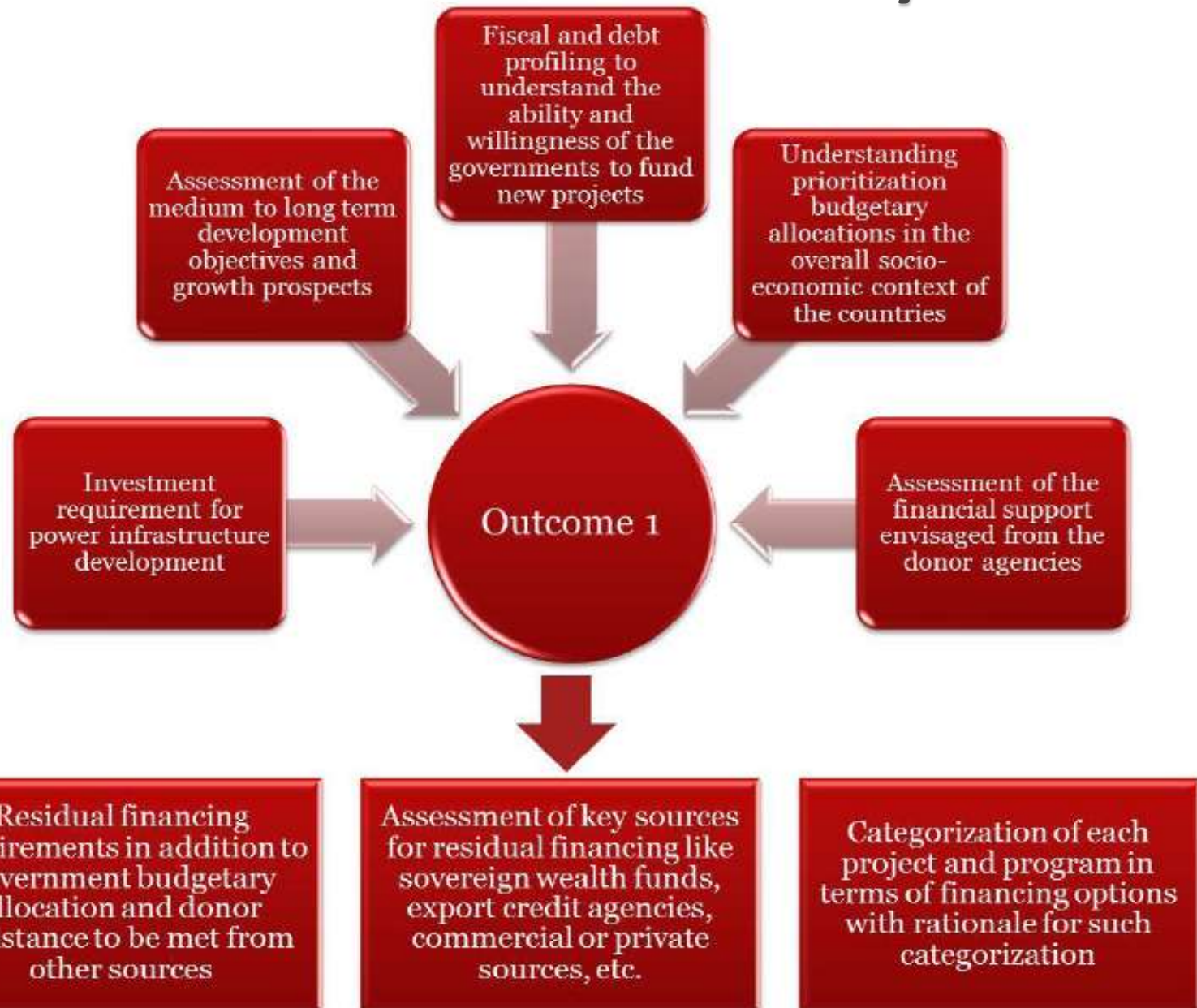
Transparency & sustainability

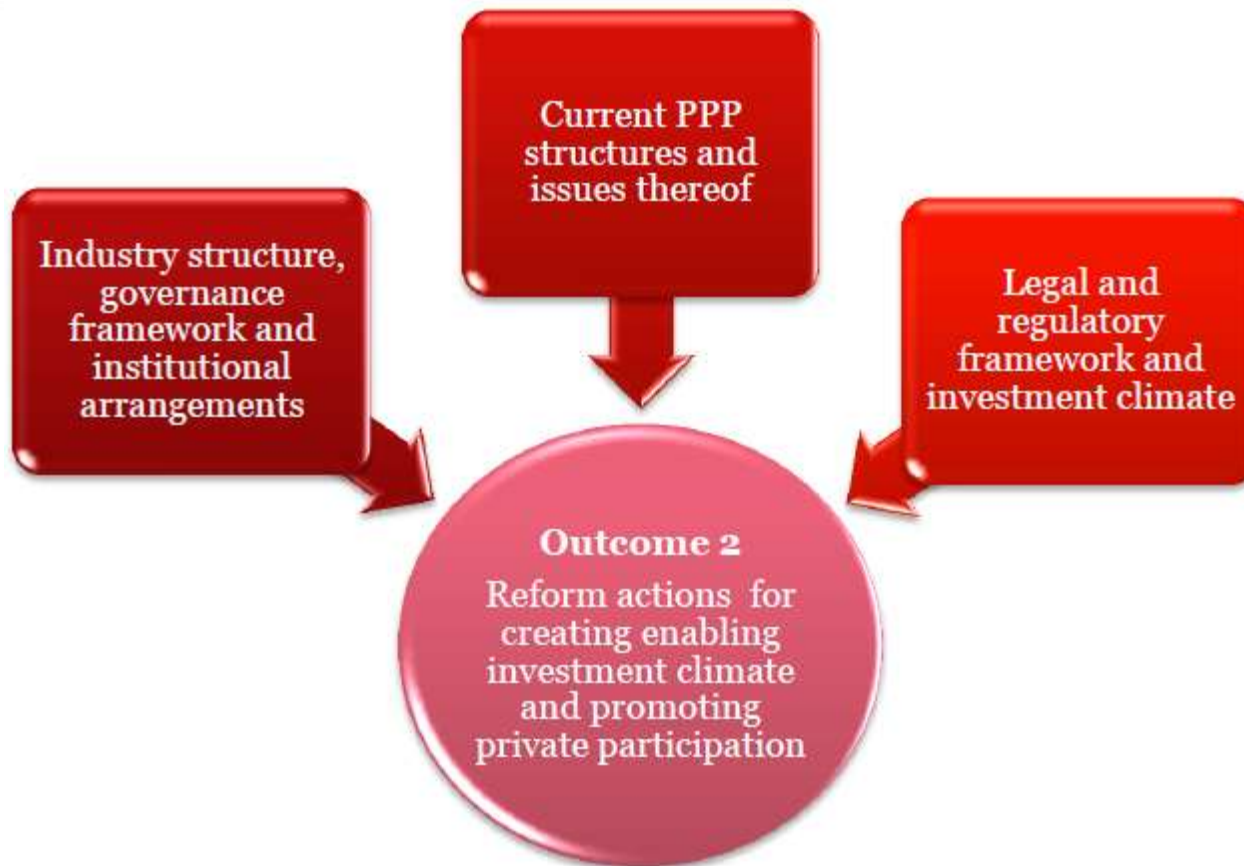
Sovereign support and guarantees

Profit repatriation

Dispute resolution

Outcomes of the Study





CAREC

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Inputs from CAREC Member Countries

- ▶ **Counterpart support from CAREC member countries**
 1. **Quick access to data and information for the study;**
 2. **Office accommodation and counterpart staff**

- ▶ **Focal point for this study: 15 April**
 1. **Name of the focal point**
 2. **Position of the focal point**
 3. **Contact information of the focal point**

Thank you!

