

Energy Sector Progress Report

CAREC Energy Sector Coordination Committee

**22-24 September 2010
Bishkek**

Prepared by ADB and World Bank



Key Issues

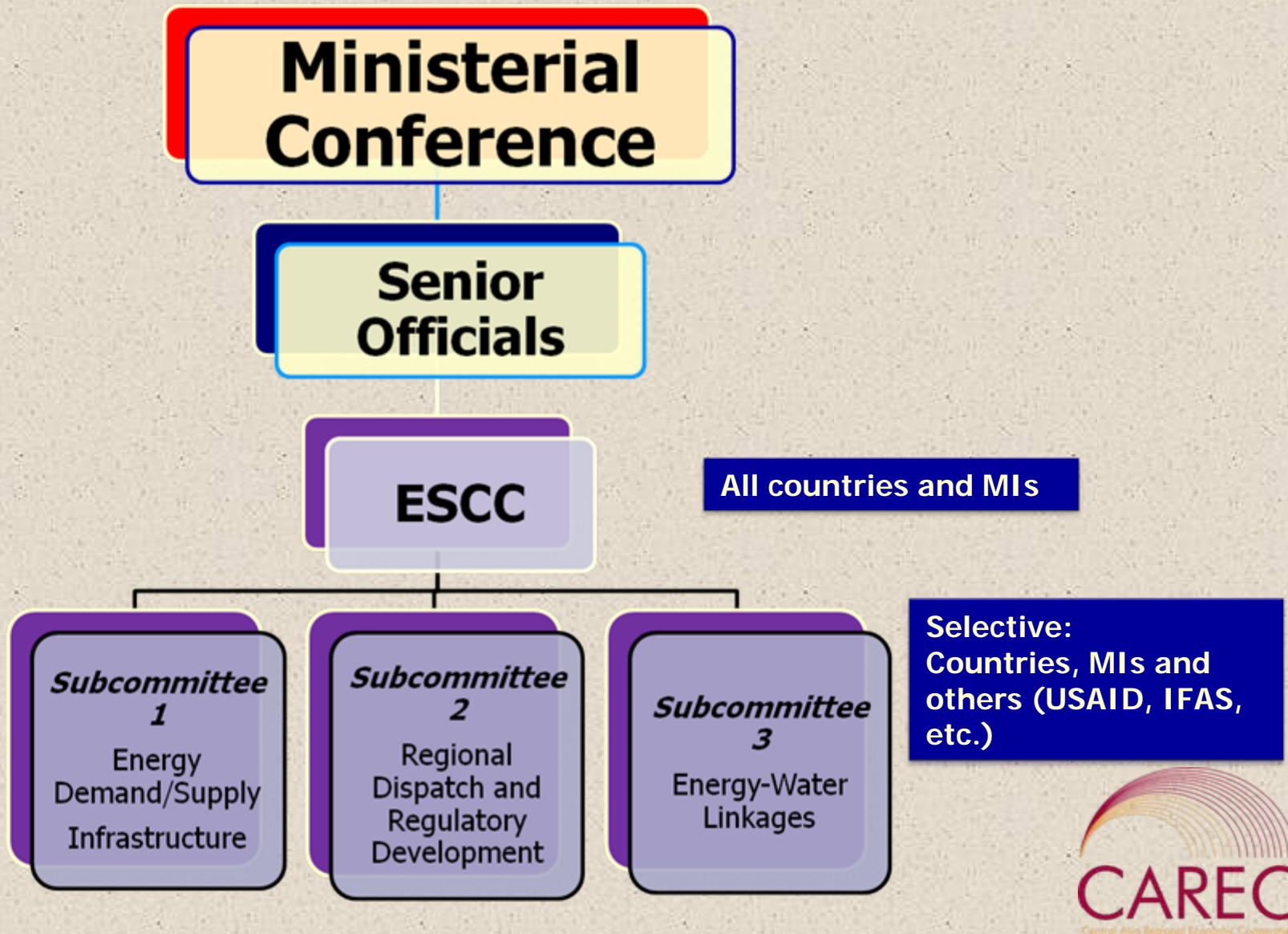
➤ *For endorsement*

- ✓ 9th MC deliverables
- ✓ Update on Diagnostic Studies
- ✓ Work plan for 2011

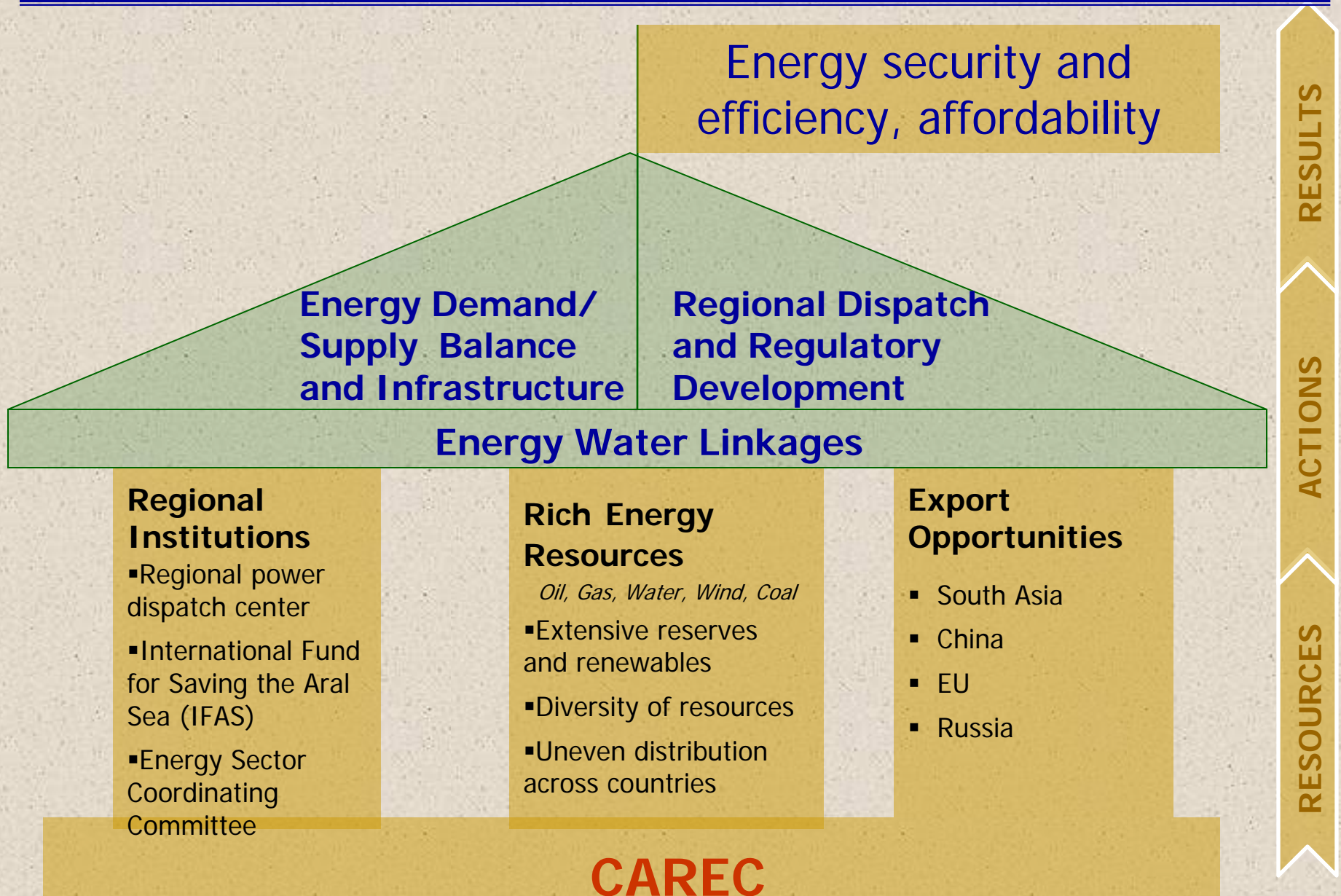
➤ *For information*

- ✓ Progress report
- ✓ Project update
- ✓ ESCC Meeting Summary
(September 2010)

ESCC Management



Energy Action Plan



Investment Projects

Physical Investment

- Generation
- Transmission
- Operations and communications systems
- Energy efficiency

Non-physical Investment

- Energy sector strategy, institutional reforms and development master-plans
- Utility restructuring and commercialization

Energy Demand/Supply and Infrastructure

SEP 2010

Diagnostics Study

CAREC Institute
\$100,000

NOV 2010 -
NOV 2011

**Regional Power Sector
Master Plan**

AFG, KAZ, KGZ, TAJ and UZB
- AFG synchronization with
Central Asia regional grid

ADB
\$2 mln

DEC 2011

Investment Plan

Regional Dispatch and Regulation

SEP 2010

2010 - 2012

Diagnostics Study

**WORLD
BANK**

**Capacity
development
- Energy
Regulators**

**Regional
Energy
Market
Assistance
Program II**

**Regulatory
And
Institutional
Development**

**CAREC
Institute**

USAID

**WORLD
BANK**

Investment Plan

Institutional refinement

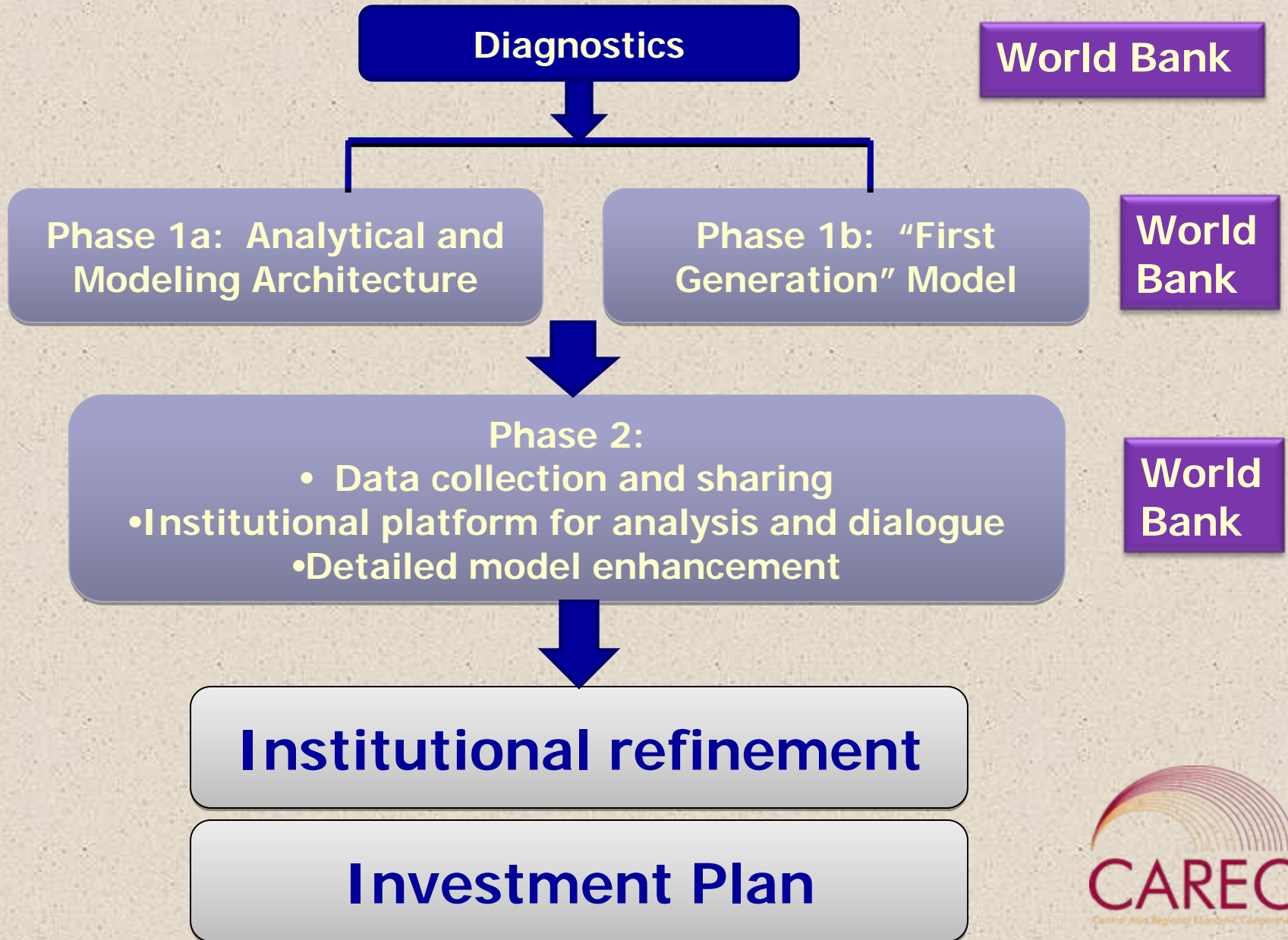


Energy Water Linkages

Sep 2009

Mar 20 10

Dec 2011



Deliverables for 9th MC Diagnostic Studies

Studies	Status
• Energy Demand/Supply Balance and Infrastructure <i>Diagnosics Report</i>	Completed
• Regional Dispatch and Regulatory Development <i>Diagnosics Report</i>	Completed
• Energy-Water Linkages <i>Diagnosics Report and Update on Model Development</i>	Completed

Regional Power Sector Master Plan Project Update

- RFPs issued - deadline 23 September 2010
- Short-list:
 - Electricite De France (France)
 - Fichtner GmbH & Co. KG (Germany)
 - Lahmeyer International GmbH (Germany)
 - Mercados Energy Markets International S.A. (Spain)
 - Mott MacDonald Limited (UK)
 - SNC-Lavalin International Inc. (Canada)
- Expected mobilization of consultants – end of 2010
- Expected project completion date – end of 2011

2010 New Energy Investment Projects in CAREC Countries

Institution	Project	Amount (\$M)	Status
ADB	AFG MFF Tranche 3 – electrification and HPP rehabilitation in Gereshk	77 (44 - ADB; 33 - DIFID)	2010
	KGZ (Loan/Grant) – Power Sector Improvement	56 (45 - ADB; 11 - KGZ Gov)	27 Sep 2010
	MON (Loan) District heating and gas pipeline rehabilitation	150	Approved
	TAJ (Grant) - Regional Transmission Project	122	Approved
	UZB (Loan) - Talimarjan Power Project	300	Approved
World Bank	KGZ (Grant) Emergency support	4	Approved
	TAJ (Grant) Emergency winter shortage support	15	Approved
	UZB (Credit) Energy Efficiency Fund for Industrial Enterprises	25	Approved
	KGZ (Grant/Credit) Emergency recovery project (covering budget and energy sector)	70	Submitted to Board for approval.
	KAZ (Loan) Alma Transmission Project	78	Under process

Work Plan 2010-2011

- **Subcommittee meetings**
 - Pillar 1 - December 2010** (after recruitment of master-plan consultants)
 - Pillar 2 – December 2010**
 - Pillar 3 – Spring 2011**

- **ESCC Meetings**
 - April 2011 - TBD**
 - September 2011 – TBD**

- **SOM Meetings**
 - October 2010**
 - April/May 2011**

- **MC Meetings**
 - November 2010**
 - November 2011**

- **Capacity Building Activities (TBD)**