

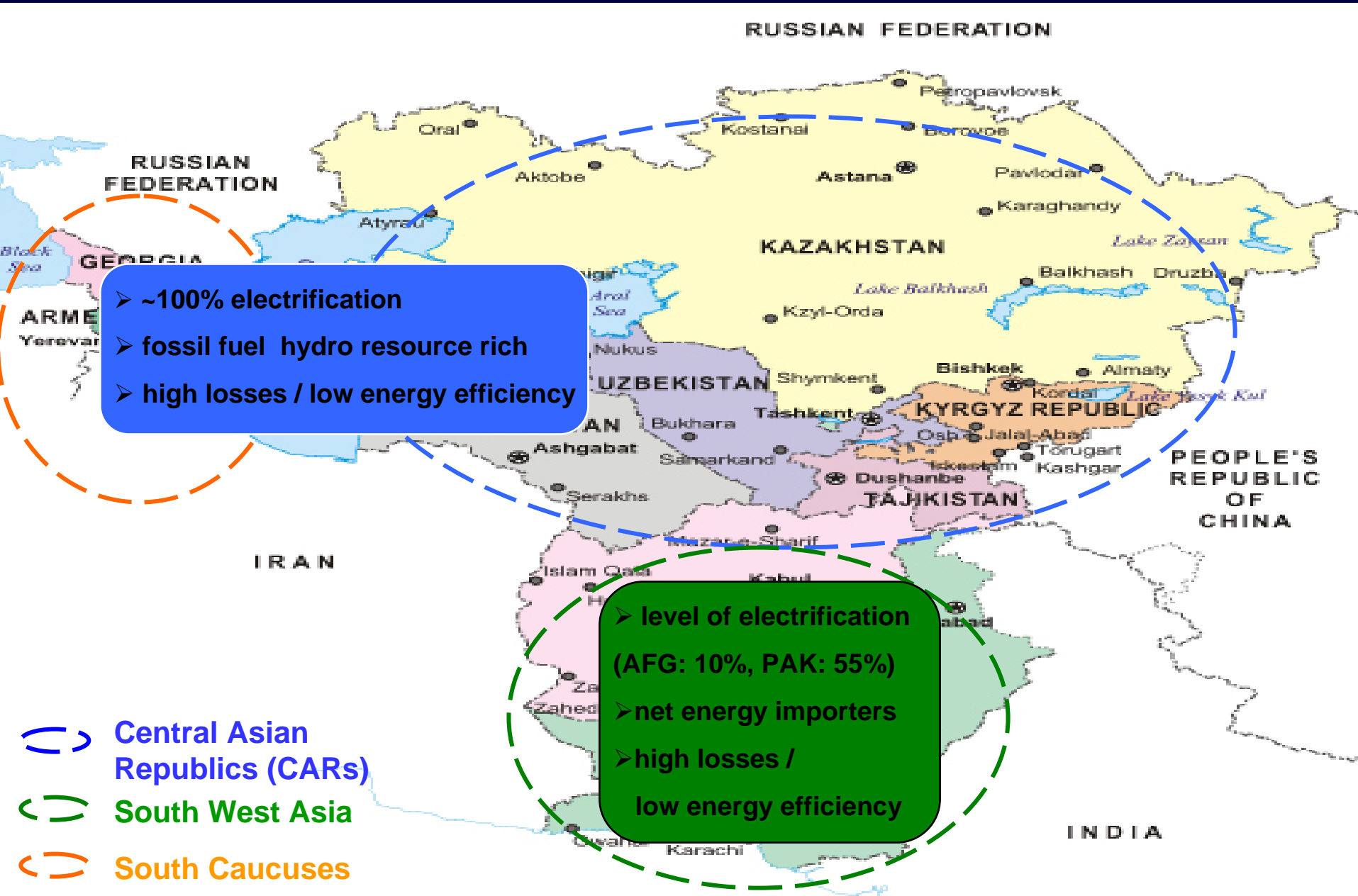
# Central and West Asia Regional Department (CWRD)

## Energy and Natural Resources Division (CWEN)

November 2009

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# CWRD AREA



# Strategy 2020

- Inclusive economic growth
- Environmentally sustainable growth
- Regional integration

- Infrastructure
- Environment
- Regional Cooperation
- Financial Sector
- Education

➤ Energy identified as core area of operation



## Sector Context

**Energy Policy**

1981/ 1995/ 2000

**Energy Policy 2009**

Renewable Energy / Energy Efficiency /  
Clean Energy / Universal Supply



## Country Context

**Country  
Partnership  
Strategy**



**ADB Public Sector & Private Sector Operations**

# Energy Sector Projects

	Power			Energy Efficiency	Gas Sector	Oil Sector
	Generation	Transmission	Distribution			
Afghanistan	▲	▲	▲		▲	
Azerbaijan	○	▲ ○				
Kyrgyz Republic				○		
Pakistan	▲ ○	○ ▲	▲ ○	▲ ○		
Tajikistan	▲	▲ ○				
Uzbekistan	○	○				
Regional	Central Asia Regional Economic Cooperation (CAREC)					

○ Planned

▲ Under Implementation

# Ongoing Program

Country	Loans & Grants		TA	
	\$million	Projects	\$million	Projects
Afghanistan	106	3	7.695	9
Azerbaijan	160	1	0.850	2
Pakistan	863	5	17.350	11
Tajikistan	61	2	1.800	3
Uzbekistan	0	0	0.650	2
<b>Total</b>	<b>1,190</b>	<b>11</b>	<b>28.345</b>	<b>27</b>

# Pipeline Projects

## Loans & Grants

2010	\$million	2011	\$million
AFG: Energy Sector Development PFR 3	100.0	AZE: Energy Efficiency Improvement	55.0
KAZ: Energy Efficiency Improvement MFF/PFR 1	60.0	PAK: Energy Efficiency PFR 3	100.0
KGZ: Energy Efficiency Improvement	15.0	PAK: Power Distribution PFR 3	100.0
PAK: Energy Efficiency PFR 2	150.0	PAK: Power Transmission PFR 4	100.0
PAK: Power Transmission PFR 2	100.0	PAK: Renewable Energy PFR 3	50.0
TAJ: CASAREM Power Rehab	60.0	UZB: CASAREM Talimarjan	120.0
UZB: CASAREM Talimarjan	143.0		
<b>Total Loans &amp; Grants</b>	<b>628.0</b>		<b>525.0</b>

## Technical Assistance

2010	\$million	2011	\$million
AFG: Power Sector Master Plan & System Planning	1.2	REG: Energy Efficiency	5.0
PAK: Power Transmission 2	1.0	TAJ: Renewable Energy	0.8
REG: Renewable Energy Development in CWA (Phase 1)	3.0		
REG: CAREC Power Generation & Transmission Master Plan	3.5		
UZB: Energy Efficiency Improvement	1.0		
<b>Total TAs</b>	<b>9.7</b>		<b>5.8</b>

# Opportunities

COUNTRY	SECTOR	CONTACT PERSON
Afghanistan	Transmission / Distribution MFF	Sanda
Azerbaijan	Distribution MFF	Luo
Kyrgyz Republic	Energy Efficiency (wholesale metering)	Kadono
Pakistan	Transmission MFF Distribution MFF Energy Efficiency MFF Renewable Energy MFF	Luo Byambasaikhan Kawawaki
Tajikistan	Transmission Development	Mtchedlishvili
Uzbekistan	Tarlimarjan Generation	Song