

# Business Opportunity Fair Central and West Asia - Energy

Manila

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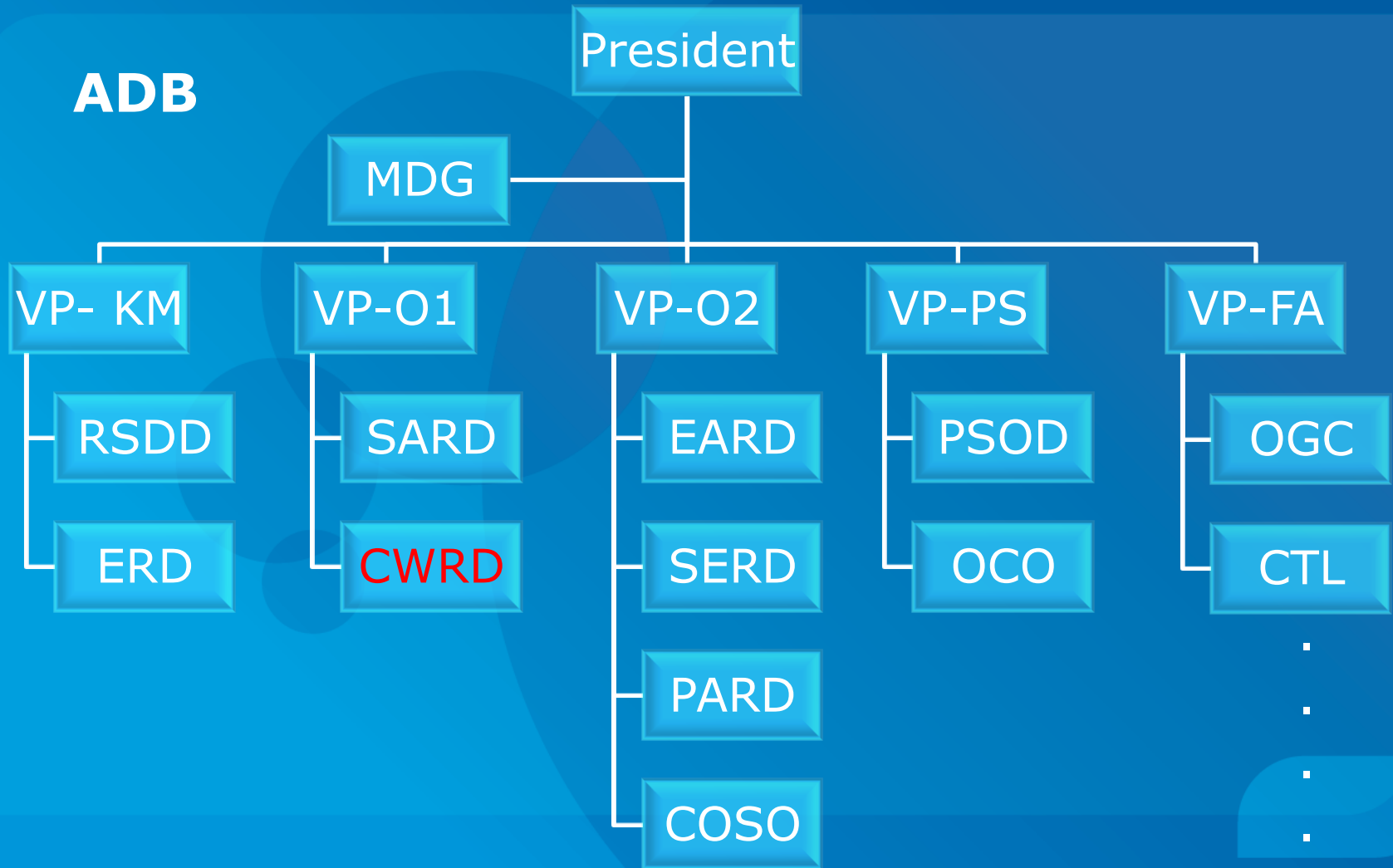
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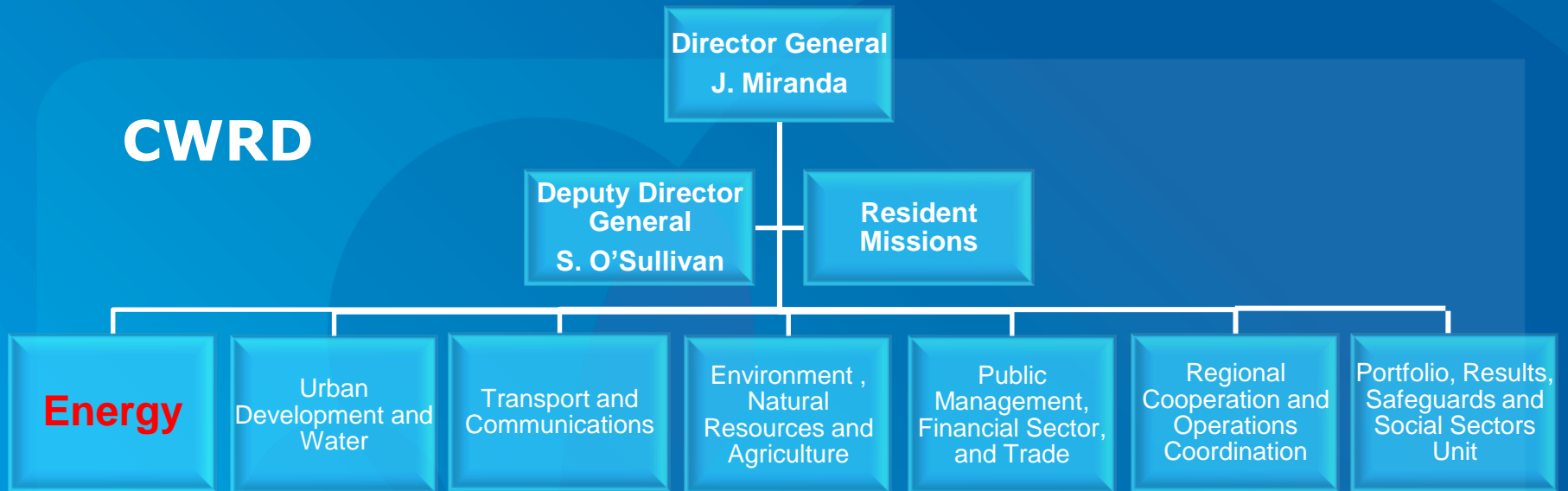
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# Central and West Asia Dept – CWRD



# Energy Division – CWEN



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# CWRD Countries

## South Caucuses

Armenia  
Azerbaijan  
Georgia

## Central Asian Republics

Kazakhstan  
Kyrgyz Rep.  
Tajikistan  
Turkmenistan  
Uzbekistan

## South West Asia

Afghanistan  
Pakistan



# CWRD Countries

## South Caucases

- ~100% electrification
- fossil fuel/hydro resource rich
- high losses/low energy efficiency
- old generation/transmission/distribution assets

## South West Asia

- low level of electrification
- net energy importers
- high losses/low energy efficiency
- old generation/transmission/distribution assets

## Central Asian Republics

# CWEN Business Lines

- Infrastructure Development
  - Power generation/transmission/distribution
  - Renewable energy (wind/solar/hydro)
  - Energy efficiency/loss reduction (supply/demand)
  - Gas well rehabilitation/pipeline
- Sector Reform/Modernization
- Regional Cooperation
  - Central Asia Regional Economic Cooperation (CAREC)
  - Regional Power Master Plan

# Ongoing Loans/Grants and Pipeline

	Power			EE/ Loss Red.	RE	Reform/ Modernize	Gas
	Gen	Trans	Dist				
Afghanistan	2	4					
Azerbaijan		1	1				
Georgia		1					
Kazakhstan							
Kyrgyz Rep.	1					1	
Pakistan	1	3	3	2	1		
Tajikistan		2				1	
Turkmenistan							
Uzbekistan	1	1	1				
Regional	TKM-AFG - 1						

# Ongoing Technical Assistance and Pipeline

	Power			EE/ Loss Red.	RE	Reform/ Modernize	Gas
	Gen	Trans	Dist				
Afghanistan		1	1				
Azerbaijan			1				
Georgia		1					
Kazakhstan				1			
Kyrgyz Rep.		1					
Pakistan						2	
Tajikistan							
Turkmenistan	1						
Uzbekistan	1	1	1		2		
Regional	TAPI - 3, TKM-AFG - 1, CAREC - 2						



# Ongoing Projects in Figures

Country	Loans & Grants		TA	
	\$million	Projects	\$million	Projects
Afghanistan	386.915	7	1.500	1
Azerbaijan	160.00	1	1.000	1
Georgia			1.200	1
Kazakhstan				
Kyrgyz Rep.	45.123	2	1.000	1
Pakistan	1,343.69	11		
Tajikistan	176.77	2		
Turkmenistan				
Uzbekistan	500.115	3	4.825	4
Regional			3.825	3
Total		25	9.075	11

# Opportunities

- Consulting services for project preparatory and advisory technical assistance
  - Firms
  - Individuals
- Consulting services for project implementation
  - Usually firms
- Individual consultants, for example, for:
  - Diagnostic studies
  - Advisor on reform
  - Procurement assistance

# Suggestions

- Unique, challenging countries
  - Experts with regional experience (incl. language)
  - Keep up with developments in the region
- Weak planning, implementing capacity
  - Project preparation at times start from scratch
  - Comprehensive support required
  - Need to be flexible
- Diverse needs and dynamic changes
  - Keep in touch with project officers
  - Check CSRN

Need more information?

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# Annex 1: Ongoing or Pipelined Loans and Grants

Country	Project	Subsector	Status
AFG	G0280: Energy Sector Development Investment Program T3	Generation	Ongoing
	Energy Sector Development T4	Generation	Pipeline
	L2165/G0004: Power Transmission and Distribution	Transmission	Ongoing
	L2394/G0230: Regional Power Transmission Interconnection	Transmission	Ongoing
	G0134: Energy Sector Development Investment Program T1	Transmission	Ongoing
	G0184: Energy Sector Development Investment Program T2	Transmission	Ongoing
AFG/TKM	Regional Power Interconnection	Regional	Pipeline
AZE	L2437: Power Transmission Enhancement	Transmission	Ongoing
	Distribution	Distribution	Pipeline
GEO	Regional Power Transmission Enhancement	Transmission	Pipeline
KGZ	L2671/G0218: Power Sector Improvement	Reform/modernization	Ongoing
	Power Rehabilitation	Generation	Pipeline
PAK	L2289/2290: Power Transmission Enhancement T1	Transmission	Ongoing
	L2396: Power Transmission Enhancement T2	Transmission	Ongoing

# Annex 1: Ongoing or Pipelined Loans and Grants (cont'd.)

Country	Project	Subsector	Status
PAK	L2846: Power Transmission Enhancement T3	Transmission	Ongoing
	L2438/2439: Power Distribution Enhancement T1	Distribution	Ongoing
	L2727: Power Distribution Enhancement T2	Distribution	Ongoing
	Power Distribution Enhancement T3	Distribution	Pipeline
	L2552/2553/8246: Energy Efficiency Investment T1	Energy efficiency	Ongoing
	Energy Efficiency Investment Program T2	Energy efficiency	Pipeline
	L2286/2287: Renewable Energy Development T1	Renewable energy	Ongoing
	Diamer Basha Dam	Generation Pipeline	Pipeline
	TAJ	L2303: Regional Power Transmission Interconnection	Transmission
G0213: Regional Power Transmission		Transmission	Ongoing
G0124: Nurek 550 kV Switchyard Reconstruction		Reform/modernization	Ongoing
UZB	L2629/2630/8244: Talimarjan Power	Generation	Ongoing
	Namangan Transmission	Transmission	Pipeline
	L2779: Advanced Electricity Metering	Distribution	Ongoing

## Annex 2: Ongoing or Pipelined Technical Assistance

Country	Project	Subsector	Status
AFG	T7637: Power Sector Master Plan	Transmission	Ongoing
	J9128: Development of Mini-Hydropower Plants	Distribution	Ongoing
AFG/TKM	T7853: Regional Power Interconnection	Regional	Ongoing
AZE	T7253: Power Distribution Development	Distribution	Ongoing
CAREC	T7558: Power Sector Regional Master Plan	Regional	Ongoing
	Southern Energy Corridor	Regional	Pipeline
GEO	T7559: Power Transmission	Transmission	Ongoing
KAZ	Preparing the Energy Efficiency Project	Energy efficiency	Pipeline
KGZ	T7704: Power Rehabilitation	Transmission	Ongoing
PAK	Mainstreaming the Pakistan Integrated Energy Model	Reform/modernization	Pipeline
	Support for Central Power Purchasing Agency	Reform/modernization	Pipeline
TAPI	T7632: Natural Gas Pipeline	Regional	Ongoing
	T7756: Natural Gas Pipeline (Phase 2)	Regional	Ongoing
	Natural Gas Pipeline (Phase 3)	Regional	Pipeline
TKM	Rehabilitation of Mary Power Station	Generation	Pipeline
UZB	T7350: Talimarjan Power Generation and Transmission	Generation	Ongoing
	Namangan Transmission	Transmission	Pipeline
	T7740: Advanced Electricity Metering	Distribution	Ongoing
	T7846: Design and Strengthening of the Solar Energy Institute	Renewable energy	Ongoing
	T8008: Solar Energy Development	Renewable energy	Ongoing