



10th BUSINESS OPPORTUNITIES FAIR 2019



Environment, Natural Resources and Agriculture Sector —Sector Business Opportunity

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Regional Overview



Regional characteristics:

- Agricultural potential
- Water resources uneven distribution
- Water-related hazards (flood, landslide, drought) and climate change vulnerability
- Poor water resources management
- Natural resources degradation
- Aging irrigation infrastructure



Areas of Operation

Water Resources Management

- Infrastructure (construction, rehabilitation & modernization)
 - Irrigation ← Historically predominant
 - Flood and other water-related disaster management
 - Multipurpose dams, rural infrastructure, etc.
- Non structural
 - Flood forecasting and early warning, disaster preparedness, CC
 - Water sector policy support, water resources management
 - Water quality and other environmental management, etc.

Agriculture / Agribusiness Development

- On-farm command area development, water use efficiency improvement, etc. ← with irrigation infra projects
- Value chain development, agribusiness, wholesale market, agro-logistic centers, food safety, etc. ← Increasing demand



Active Portfolio (in \$ million)

	Sector Total	Agriculture/ Agri Busns	Water Resources		
			Total	Irri & WR	CC & DR
AFG	527 (27%) 8 projects	135 (26%) 2 pjts	393 (74%) 6 pjts	336 5 pjts	57 1 pjt
PAK	543 (28%) 5 projects	0 (0%) 0 pjt	543 (100%) 5 pjts	543 5 pjts	0 0 pjt
UZB	767 (39%) 4 projects	550 (72%) 3 pjts	217 (28%) 1 pjt	217 1 pjt	0 0 pjt
TAJ	71 (4%) 4 projects	0 (0%) 0 pjt	71 (100%) 4 pjts	50 2 pjts	21 2 pjts
KGZ	39 (2%) 1 project	0 (0%) 0 pjt	39 (100%) 1 pjt	0 0 pjt	39 1 pjt
Total	1,947 (100%) 22 projects	684 (35%) 5 pjts	1263 (65%) 17 pjts	1146 13 pjts	117 4 pjts

Note: Program is being expanded to other countries.



Key New Projects (Water Resources 1/2)



	Project	Value	Approve	Project Description
AFG	Arghandab Integrated WR	\$302 M	Q3 2019	Dam raising+ Irrigation rehab. + on-farm dev.
AFG	Kabul Managed Aquifer Recharge	\$31 M	2020	Groundwater recharge
KAZ	Irrigation Rehab.	\$250 M	Q3 2019	Irrigation rehab. + on-farm dev.
KGZ	CC and Disaster Reduction WR Mgt	\$39 M	Nov 2018	Irr. infra rehab + flood mgnt equipment
KGZ	Landslide Disaster Risk Reduction	\$35 M	2020	Infra + capacity dev. + disaster insurance
PAK	Balochistan WR Dev. Sector	\$105 M	Aug 2018	Irrigation and WR infra + on-farm dev.

Note: Indicative information and subject to change



Key New Projects (Water Resources 2/2)



	Project	Value	Approve	Project Description
PAK	Trimmu & Panjnad Barrages - AF	\$29 M	Q2 2019	Barrage rehab.
PAK	Punjab WR Project Readiness Facility	\$7 M	Q3 2019	Irrigation infra and rehab. F/S and D/D
PAK	Kurram Tangi WR	\$100M	2020	Irrigation infra + on-farm development
PAK	Greater Thal Canal Irrigation	\$200M	Q4 2019	Irrigation infra + on-farm development
TAJ	Riverbasin Mgt and Irrigation	\$40 M	2020	Irrigation infra rehab. + on-farm dev.
UZB	Climate Adaptive WR Management	\$100M	2021	Irrigation infra modernization

Note: Indicative information and subject to change



Key New Projects (Agriculture)



	Project	Value	Approve	Project Description
AFG	Horticulture Value Chain Dev. Sector	\$75 M	Q4 2018	Enterprise involvement
KAZ	Livestock Value Chain Dev.	\$200 M	2020	Infra for livestock
KGZ	Modern Agr. Wholesale Market	\$50 M	2020	Modern wholesale market construction
PAK	Market Infrastructure	TBD	2021	Agriculture market infrastructure
UZB	Horticulture Value Chain Infra.	\$197 M	Q4 2018	Modern wholesale market construction
UZB	Livestock Value Chain Development	\$100 M	Q4 2019	Financial intermediation

Note: Indicative information and subject to change



Key Opportunities (1/3)

ADB

Project	Package Description	\$M	Proc. Method	Adv.
AFG: Arghandab Integrated WR	DD and CS consultant	10	QCBS	Q2 2019
AFG: Arghandab Integrated WR	Road re-alignment construction	15	OCB-I	Q2 2019
KAZ: Livestock Project	TRTA consultant	0.8	QCBS	Q3 2019
KGZ: CC and Disaster Reduction WR Mgt	Heavy machinery for flood mgnt	10	OCB-I	Q3 or Q4 2019
KGZ: CC and Disaster Reduction WR Mgt	Modernize irrigation infra	4	OCB-N	Q1 or Q2 2019
KGZ: CC and Disaster Reduction WR Mgt	Hydrological monitoring equip.	1.5	OCB-I	Q1 or Q2 2019

Note: Indicative information and subject to change



Key Opportunities (2/3)

ADB

Project	Package Description	\$M	Proc. Method	Adv.
PAK: Jalalpur Irrigation Project	Irrigation canal system constr. (P-3)	70	OCB-I	Q2 2019
PAK: Balochistan WR Dev. Sector	Siri Toi Dam const. (and other packages)	40	OCB-I (OCB-N)	Q1 2020 (- 2019)
PAK: Balochistan WR Dev. Sector	Auto. hydrological monitoring equip.	1.4	OCB-I	Q4 2019
PAK: Balochistan WR Dev. Sector	WR studies (policy update, WR assess)	1	QCBS	Q2 2019
PAK: Trimmu Panjnad	Barrage rehab	27	OCB-I	Q2 2019
TAJ: WR mgt in Pyanj River Basin	Irrigation infra rehab.	4.2	OCB-I	Mar 2019

Note: Indicative information and subject to change



Key Opportunities (3/3)



Project	Package Description	\$M	Proc. Method	Adv.
TAJ: WR mgt in Pyanj River Basin	Sand excluding basin const & pump rehab.	26	OCB-I (2 lots)	Q2 or Q3 2019
TAJ: Riverbasin Mgt and Irrigation	TRTA consultant	0.8	QCBS	Q2 or Q3 2019
UZB: Climate Adaptive WR Mgnt	TRTA consultant	0.8	QCBS	Q2 or Q3 2019
UZB: Horticulture Value Chain Infra.	Modern wholesale market with agro-logistic center (D&B)	200	OCB-I (maybe 2 lots)	Q4 2019
UZB: Rural Infrastructure	TRTA consultant	0.6	QCBS	Q1 2020

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