

Water Financing Partnership Facility

Annual Work Program 2017



BILL & MELINDA
GATES *foundation*



Kingdom of the Netherlands



ABBREVIATIONS

ADB	–	Asian Development Bank
ADF	–	Asian Development Fund
AWDO	–	Asian Water Development Outlook
CDTA	–	capacity development technical assistance
DMC	–	developing member country
DMF	–	design and monitoring framework
IIASA	–	International Institute for Applied Systems Analysis
IWRM	–	integrated water resources management
OCR	–	ordinary capital resources
PATA	–	policy advisory technical assistance
PPTA	–	project preparatory technical assistance
RETA	–	regional technical assistance
WFPF	–	Water Financing Partnership Facility
WSG	–	Water Sector Group

NOTES

- (i) In preparing any country program or strategy, financing any project, or by making any designation of, or reference to, a particular territory or geographic area in this document, the Asian Development Bank does not intend to make any judgment as to the legal or other status of any territory or area.
- (ii) In this document, "\$" refers to US dollars.

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CONTENTS

I.	INTRODUCTION	1
II.	2017 PROJECTED DEMAND FOR RESOURCES	1
III.	2017 AVAILABLE RESOURCES	4
IV.	PROJECT SELECTION AND PRIORITIZATION	5
V.	2017 ACTIVITIES	6

APPENDIX

1.	2017 Programmed Water Lending	9
2.	2017 Programmed Project Preparatory Technical Assistance	11
3.	2017 Programmed Technical Assistance on Policy Advisory and Capacity Development	12

I. INTRODUCTION

1. This annual work program presents the program of priorities and activities for the Water Financing Partnership Facility (WFPF or "Facility"), as administered by the Asian Development Bank (ADB) on behalf of its financing partners contributing to the Facility, for the year 2017. Activities are to be financed from the balance of contributions to the three trust funds: (i) the Multidonor Trust Fund, with contributions from the governments of Australia, Austria, Norway, Spain, and Switzerland; (ii) the Netherlands Trust Fund; and (iii) the Sanitation Financing Partnership Trust Fund, with contribution from the Bill & Melinda Gates Foundation.

2. The WFPF operation in 2017 will continue to be guided by the Water Operational Plan 2011-2020, and the Facility's Design and Monitoring Framework (DMF) as revised in 2016. The main concern for 2017 is the limited balance left particularly under the Multidonor Trust Fund. The 2017 Workplan of ADB's Water Sector Group provides additional guidance on how limited WFPF resources will be prioritized and potential for replenishment.

II. 2017 PROJECTED DEMAND FOR RESOURCES

The Asia-Pacific region's water challenges

3. The Asian Water Development Outlook (AWDO) 2016, ADB's flagship publication, has assessed the progress in water security in Asia and the Pacific over the past five years. Overall the region has made progress since the 2013 edition, when 38 out of 49 countries were assessed as water insecure. In 2016, the number has reduced to 29 countries. Despite this progress, Asia and the Pacific remains the global hot spot for water insecurity. By 2030, the region's finite water resources will be under enormous pressure—especially with increasing climate variability. Recent estimates indicate up to 3.4 billion people could be living in water-stressed areas of Asia by 2050.

4. Improving the management of scarce water resources is urgent. Improved irrigation productivity (more crop per drop) is essential considering that 80% of water resources is used for agriculture. More comprehensive environmental water quality improvement (river clean up and wastewater management) is urgent to improve water security. With climate change impacts resulting in more frequent and severe floods and droughts, investments in flood risk management are to be scaled up. These will require a more strategic and holistic approach, with investments being predicated on climate change adaptation and moving away from just climate proofing.

5. The implementation of ADB's Water Financing Program, guided by the Water Operational Plan (2011-2020) priority thrusts¹, has been on track with respect to the annual investment target as shown in Table 1 below. Still, given the water challenges described above, additional investment is required. The merger of ADB's Asian Development Fund (ADF)² with its ordinary capital resources (OCR)³ balance sheet boosts ADB's financial capacity to support

¹ increased water use efficiencies across the range of users; expanded wastewater management and reuse, including sanitation; embedded integrated water resources management, including improved risk management to mitigate floods, droughts and other water-related disasters; expanded knowledge and capacity development that uses technology and innovation more directly; and enhanced partnerships with private sector

² Established in 1973, ADF provides concessional loans (longer loan maturities and lower interest rates) and grants to poorer countries

³ OCR loans are provided to middle-income countries are market-based rates

the investment needs of its developing member countries (DMCs), including in the water sector. This provides additional resources to increase the Water Financing Program annual lending starting in 2017.

Table 1: 2011-2016 Approved Water Investments (in Billion)

Sub-Sector	2011	2012	2013	2014	2015	2016
Water supply, sanitation and wastewater management	1.37	0.92	1.47	1.34	1.38	1.374
Irrigation and drainage	0.68	0.36	0.44	0.33	0.19	0.283
Flood management	0.08	0.15	0.25	0.19	0.34	0.512
Water resources management, wetlands and watershed protection	0.09	0.40	0.13	0.17	0.28	0.240
Hydropower generation	0.41	0.52	0.18	0.46	0.07	0.009
Total	2.63	2.35	2.47	2.48	2.26	2.418

6. However, as noted in the WFPF 2016 Annual Report, the investments have been skewed towards water supply, sanitation, wastewater management subsector. Moving forward, the challenge is to broaden the investment portfolio to other subsectors for a more balanced approach to addressing water security. These include flood management (incorporating climate change adaptation and disaster risk management) and environmental water management.

7. The other challenge is to meet the 765 million target number of Water Financing Program beneficiaries. As also noted in the WFPF 2016 Annual Report, the achievement to date is only at 50% as shown in Table 2 below. Scaling up investments and broadening the portfolio - particularly for flood management is essential if the targets are to be met.

Table 2: Water Financing Program Expected Beneficiaries (in Million)

Measurement	Water Financing Program		
	Target (2006-2020)	Expected/ Realized from 2006-2016 Projects	% Achieved
Number of people with access to safe drinking water supply and improved sanitation	500	254	51
Number of people with reduced risk to floods	170	68	40
Number of people with improved and efficient irrigation and drainage services	95	59	62
Total	765	381	50%

The Role of WFPF

8. **Direct project support.** WFPF plays a critical role in helping sustain the annual investment and in meeting the target number of beneficiaries by providing direct project support through: (i) grant component of loans, (ii) TA attached to loans, (iii) cofinancing of PPTAs, and (iv) other project development support through direct charge. A judicious approach will be adopted to prioritize use of the limited funds available particularly under the multidonor trust fund. Priority will be given to water resources projects as there are limited alternate trust funds for this subsector outside the Netherlands trust fund's priority countries.

9. The 2017 programmed investments which currently stand at \$3.389 billion as summarized in Table 3 below and detailed in Appendix 1, provide an indication of the likely demand for WFPF support for grant component of loans and TA attached to loans through which WFPF is able to support innovations and pilot demonstration for replication and scaling up within the investment projects or through follow-on projects.

Table 3: 2017 Programmed Water Investments by Sub-Sector (in Million)

Sub-Sector	Amount
Water Supply, Sanitation and Wastewater Management	1,846
Irrigation and Drainage	634
Flood Management	357
Water Resources Management, Wetlands, and Watershed Protection	247
Hydropower Generation	205
Total	3,389

10. A total of \$18.388 million in PPTAs is programmed for 2017 as summarized in Table 4 below. The detailed list is provided in Appendix 2. The programmed PPTAs provide an indication of demand for WFPF resources to support project development and also serve as guide in deciding which subsector lending to boost based on priorities that have been set for the year.

Table 4: 2017 Programmed PPTAs by Sub-Sector (in '000)

Sub-Sector	Amount
Water Supply, Sanitation and Wastewater Management	7,776
Irrigation and Drainage	4,914
Flood Management	1,648
Water Resources Management, Wetlands, and Watershed Protection	2,550
Hydropower Generation	1,500
Total	18,388

11. Worth noting is the increase in programmed PPTA for irrigation and drainage compared to last year's \$2.245 million, and the pipeline shows lending increases by 2018 and 2019. This aligns well with the WFPF's objective of increasing support to this subsector.

12. Support to project development may also be through the direct charge modality. Recently, preparation of additional financing for a number of investment projects was made possible mainly through this modality. The same modality will be useful in supporting upstream or pre-PPTA work. Direct charge has been able to serve its purpose of providing a quick response mechanism when and where demand arises.

13. In both cases (PPTA support and direct charges), limited fund availability will result in a more detailed selection process to ensure the application supports scaling up and importantly, diversification of the water sector portfolio.

14. **Program quality support.** Whilst direct project support will be a priority for allocation of remaining resources, WFPF will continue to look for strategic opportunities to catalyze urgent governance and institutional reforms and capacity development interventions.

15. The 2017 programmed policy advisory TAs (PATAs) and capacity development TAs (CDTAs) summarized in Table 5 below and detailed in Appendix 3 will inform the Facility's selection and prioritization of which TAs to support.

Table 5: 2017 Programmed PATAs and CDTAs by Sub-Sector (in '000)

Sub-Sector	PATA	CDTA	Total
Water Supply, Sanitation and Wastewater Management	90	11,664	11,754
Irrigation and Drainage		400	400
Flood Management	0	143	143
Water Resources Management, Wetlands, and Watershed Protection	200	1,500	1,700
Hydropower Generation	0	500	500
Total	290	14,207	14,497

16. It is encouraging to see programmed CDTAs and PATAs addressing water resources management, flood management, and irrigation and drainage as it aligns with the intended use of limited funds to expand support to these subsectors. These also provide a good entry point for WFPF to contribute to these subsectors in terms of policy direction, reform agenda, and capacity strengthening. One of the CDTAs is addressing supply of bulk water in Indonesia⁴. Another is addressing flood management as a component of another CDTA in India on building climate and disaster resilient urban infrastructure.⁵

III. 2017 AVAILABLE RESOURCES

17. Based on the WFPF Secretariat tabulation, the balance available for new allocation in 2017 is limited at \$6.164 million as summarized in Table 6 below.

Table 6: Summary Available Resources as Tabulated by the WFPF Secretariat (in \$ Million)

Financing Partners	Resources Available			Allocated			Balance Available
	Committed	Interest Income	Total	Projects/Activities	Fees and Charges	Total	
Multidonor	52.049 ^a	0.721	52.770	49.185	2.182	51.367	1.403
Netherlands	34.753	0.201	34.954	32.166	1.373	33.539	1.415
Sanitation	15.000	0.037	15.037	11.159	0.532	11.691	3.346
Total	101.802	0.959	102.761	92.510	4.087	96.597	6.164

^a Net of \$0.5 million used for Spanish water expert

18. Worth noting is that \$1.415 million available under the Netherlands Trust Fund is earmarked for specific countries⁶. The \$3.346 million under the Sanitation Financing Partnership Trust Fund is only intended only for non-sewered sanitation and septage management. This leaves only \$1.403 million balance under the Multidonor Trust Fund available for all other proposals.

⁴ CDTA-INO: Strengthening the Supply of Bulk Water (Sustainable Infrastructure Assistance Program Subproject)

⁵ CDTA-IND: Supporting Climate and Disaster Resilient Smart Urban Infrastructure in West Bengal

⁶ Afghanistan, Bangladesh, Indonesia, Myanmar, and Viet Nam

19. The limited balance will pose a constraint on operating the Facility in 2017. Actions to replenish the resources are elaborated upon in para 28 below.

IV. PROJECT SELECTION AND PRIORITIZATION

20. As already indicated in para 8 above, the use of remaining resources will be prioritized for direct project support to meet the following immediate objectives:

- to sustain, and even increase to around \$3.0-\$4.0 billion, ADB's annual water investments until 2020, and
- to meet the 765 million target number of beneficiaries by 2020

21. The selection and prioritization of projects to be financed from the Facility will be informed by the 2017 Workplan of ADB's Water Sector Group (WSG) which has prioritized the following:

- **Scaling up and expanding water sector operations** through (i) increased rural-urban integration for cross-sectoral outcomes including environmental improvement and economic growth, (ii) broadening portfolios to improve water-related disaster risk management, and (iii) upstream dialogue for capacity development support through peer-to-peer learning (e.g., Water Operators Partnerships Program for utilities).
- **Promoting innovative and transformative technology** will include: (i) expanding use of remote sensing, such as the work on water accounting and productivity measurement in irrigated agriculture and (ii) use of high level technology in water supply and sanitation projects.
- **Cross-Sector Collaboration** on (i) improving energy efficiency in water projects and optimizing operations of multipurpose dams, (ii) innovative approaches to flood risk management – including ecosystem based approaches, and (iii) developing business models for high efficiency irrigation.

22. To fulfill the Water Operational Plan's target of increasing to 25% by 2020 the share of sanitation from total water lending, support to **sanitation and wastewater management** will also remain a priority. Investments **in non-networked sanitation and septage management** will be expanded and accelerated.

23. Allocation to be made during the year will have to be modest, while still aiming to leverage as bigger investments and greater results as would be possible. Along this line, WFPF will also look for opportunity to be more involved in upstream work or pre-PPTA stage where it can have more influence on project design.

24. Direct project support will have to take priority. This notwithstanding, the target allocation ratio of about 70% for project support and about 30% for program quality will continue to serve as the overarching guide in allocating resources. The Facility has been able to stay well within this target ratio with cumulative allocations to date translating to a ratio of 71%-29%. As indicated in para 14, the Facility will continue program quality support by looking for strategic interventions in the areas of governance reforms, and capacity development. These interventions will continue to include, but not necessarily limited to, reform measures that will improve water resources management and capacity building support that are closely linked to

investment projects such as the utilities twinning partnerships and other peer-to-peer learning modalities.

25. The Facility will have to continue playing a key role in keeping water high on the Asia-Pacific region's development and political agenda by taking the lead in disseminating key messages and sharing good practices. This highlights the urgency of WFPF replenishment.

V. 2017 ACTIVITIES

26. **Major analytical work.** The 2017 major activities supported by the Facility will consist of the following :

- a. **Asian Water Futures and Solutions Study.** This joint study with the International Institute for Applied Systems Analysis (IIASA) has been completed in 2016. The current extension until early 2017 is to obtain Government of India clearance for its publication.
- b. **Midterm Review of Water Operational Plan 2011-2020.** The timetable for this midterm review has been modified to allow the findings and recommendations from the Asian Water Development Outlook 2016 to be incorporated considering their implications on the Water Operational Plan implementation. The final report is expected within the first half of 2017.
- c. **Water accounting in pilot basins.** This major undertaking to provide comprehensive information on the quantum and users of water resources will continue in the following countries: Cambodia, India (Karnataka and Madhya Pradesh), Indonesia, Sri Lanka, and Viet Nam. Work in Myanmar is programmed to commence. Interest has also been indicated to undertake the same in Tamil Nadu in India, subject to required government clearances being obtained.
- d. **Water productivity measurement in irrigated agriculture.** Work is expected to be completed within the year in India (Karnataka and Madhya Pradesh), Indonesia, Pakistan, Sri Lanka, and Viet Nam while work in Myanmar is planned to start within the year.
- e. **Energy use in water.** The pilot testing of the checklist for energy use in irrigation (first of its kind) and the guide on energy management in urban water utilities will be undertaken in 2017.

27. **ADB-Financing Partners 10th Annual Consultation Meeting.** The 10th Annual Consultation Meeting between ADB and financing partners is scheduled at the ADB Headquarters on 30-31 March 2017.

28. **Actions for replenishment of WFPF.** Dialogue with longstanding donors already contributing to the WFPF commenced in early 2016. Economic slow-down and the migration crises in Europe has placed pressures on overseas development budgets of several ADB member countries. There are opportunities with the Netherlands which are being pursued since 2016 and for which a proposal has been prepared and is under discussion. Australia has also been approached more rigorously given its experience on water scarcity. Discussions are in progress to consider future potential replenishment and is expected to be followed by a mission by ADB to Canberra in early 2017. Discussion with the Gates Foundation is at advanced stage

for additional resources, including for the engagement of experts to support project implementation and continuing advocacy work on fecal sludge management.

29. A review of the WFPF status will be made in Q2 2017 to consider further suitable options for replenishment and actions to be taken to manage the limited budget.

30. **Knowledge sharing events.** Organization of and modest participation in international events will form part of ADB's major activities in 2017. Major events planned for the year include: (i) 4th Fecal Sludge Management Conference (March), (ii) World Water Day (March), (iii) Asia-Netherlands Water Learning Week (June), (iv) Asia International Water Week (June), (v) Stockholm World Water Week (August), (v) International River Symposium (September), and (vi) ADB-Australia Water Learning Week (November).

31. **2017 detailed activities on WFPF operation.** The detailed activities in 2017 with respect to the operation of the Facility are presented in Table 6 below.

Table 11: Detailed Activities on WFPF Operation in 2017

Facility Activity	Output	Outcome
Screening and evaluation of applications for funding	Fundable investment proposal through PPTA support Investment projects provided grant support through grant component of loans and TA attached to loans Other project development support, including upstream or pre-PPTA provided through direct charge PATAs and CDTAs supported Other policy and capacity development support provided through direct charge	Additional people benefit from water investments Policy and institutional reforms set in motion Increased capacity and improved knowledge base
Approval of eligible applications	Approved applications for TAs and grant component of investments within a maximum period of 15 working days Approved applications for direct charges within 7 working days	Timely approval of WFPF allocations that meet the overall project processing timetable

Facility Activity	Output	Outcome
Implementation and Monitoring	<p>Notice of approval released to proponents within 2 working days upon approval</p> <p>Disbursements monitored and disbursement schedule updated</p> <p>Compliance with 70%-30% ratio between project support and program quality support tracked</p> <p>Closure of accounts for direct charges facilitated after release of final payments</p> <p>Progress reports and work program submitted to financing partners based on agreed timetable</p>	WFPF efficiently managed and client responsiveness sustained

Appendix 1

**2017 PROGRAMMED WATER LENDING
(Amount in \$ Million)**

Country	Project Number	Project Name	Estimated Total Loan Amount	Estimated Water Component
CENTRAL AND WEST ASIA				
Kazakhstan	49368—XXX	Integrated Urban Development (Kyzyl-Orda Region)	130.00	130.00
Kyrgyz Republic	41548-XXX	Additional Financing for Issyk-Kul Sustainable Development Project, Phase 2	30.00	30.00
Pakistan	46526-003	MFF Punjab Intermediate Cities, T1	200.00	200.00
Pakistan	48098-002	Balochistan Water Resources PDA	5.00	5.00
Pakistan	46528-003	Jalalpur Irrigation	155.00	152.00
Uzbekistan		Western Uzbekistan Water Supply and Sanitation Development	150.00	150.00
Total Central and West Asia			670.00	667.00
EAST ASIA				
PRC	49029-002	Xinjiang Changji Integrated Urban-Rural Infrastructure Demonstration	150.00	150.00
PRC	48054-002	Heilongjiang Jiamusi Modern Agriculture Ecological Irrigation and Drainage System	150.00	150.00
PRC	48274-002	Shanxi Urban-Rural Water Source Protection and Environmental Demonstration	100.00	40.00
PRC	48468-002	Guizhou High Efficiency Water Utilization Demonstration in Rocky Desertification Area	150.00	150.00
Total East Asia			550.00	490.00
PACIFIC				
Vanuatu	43414-013	Energy Access Project (HP)	5.00	5.00
Timor-Leste	47364-002	Urban Services Improvement Project (formerly Dili Urban Services Improvement Sector Project)	40.00	40.00
Total Pacific			45.00	45.00
SOUTH ASIA				
Bangladesh	39295-023	Third Urban Governance and Infrastructure Improvement (Sector) Project - Additional Financing	150.00	120.00
Bangladesh	44167-015	Flood and Riverbank Erosion Risk Management Investment Program - Tranche 2	100.00	100.00
Bhutan	42229-015	Secondary Towns Urban Development Project	20.00	20.00
Bhutan	50165-002	Amochhu Land Development & Township Project (Phase 1)	45.00	37.00
India	41603-024	Bihar Urban Development Investment Program - Tranche 2	143.00	143.00
India	47176-003	Delhi Water Supply Improvement Investment Program - Tranche 1	145.00	145.00
India	38412-033	Assam Integrated Flood & Riverbank	71.70	71.50

Country	Project Number	Project Name	Estimated Total Loan Amount	Estimated Water Component
		Erosion Risk Mgt Investment Program- Tranche 2		
India	42486-014	Madhya Pradesh Urban Services Improvement Program	266.00	266.00
India	43253-027	Karnataka Integrated Urban Water Management Investment Program - Tranche 2	75.00	75.00
India	40156-033	MFF - Sustainable Coastal Protection and Management Investment Program - Tranche 2	100.00	100.00
India	45371-003	Madhya Pradesh Irrigation Efficiency Improvement Project	350.00	350.00
India	47101-004	Assam Power Sector Investment Program-Tranche 3	200.00	200.00
Nepal		Regional Urban Development Project	94.20	94.20
Sri Lanka	37378-014	Jaffna Kilinochchi Water Supply- Additional Financing	100.00	100.00
Sri Lanka	47381-005	Mahaweli Water Security Investment Program - Tranche 2	130.00	130.00
Total South Asia			1,989.70	1,951.70
SOUTHEAST ASIA				
Cambodia	48158-002	Second Provincial Water Supply and Sanitation Project	40.00	40.00
Cambodia	41435-053	Tonle Sap Poverty Reduction and Smallholder Development Project	50.00	20.00
Lao PDR	42203-025	Northern Rural Infrastructure Development Sector Project	35.00	28.00
Philippines		Mindanao Development Program (formerly Bangsamoro Development Program)	100.00	80.00
Philippines		Infrastructure Preparation and Innovation Facility	100.00	40.00
Viet Nam	49026-002	Basic Infrastructure for Inclusive Growth in Northeast Provinces Sector Project	150.00	20.00
Viet Nam		Basic Infrastructure for Inclusive Growth Project in Nghe An, Ha Tinh, Quang Binh and Quang Tri Provinces	140.00	7.00
Total Southeast Asia			622.00	235.00
2017 TOTAL PROGRAMMED LENDING			3,876.70	3,388.70

Appendix 2

**2017 PROGRAMMED PROJECT PREPARATION TAs (PPTAs)
(Amount in \$'000)**

Country	Project Name	Total TA Support	Water Component
CENTRAL AND WEST ASIA			
Kazakhstan	Integrated Urban Development (Kyzyl-Orda Region)	800.00	500.00
Pakistan	Medium-Size Hydropower Development Project	1,500.00	1,500.00
Pakistan	Greater Thal Canal Project (formerly: Punjab Irrigation Project)	600.00	600.00
Tajekistan	Urban Services Improvement Project	800.00	625.00
Uzbekistan	Water Resources Management Sector Project Phase 2	1,000.00	1,000.00
Total Central and West Asia		4,700.00	4,225.00
EAST ASIA			
Total East Asia		0.00	0.00
PACIFIC			
Marshall Islands	Preparing the Majuro Water and Sanitation Project	500.00	500.00
Solomon Islands	Urban Development	800.00	800.00
Tonga	Urban Development Project	675.00	675.00
Total Pacific		1,975.00	1,975.00
SOUTH ASIA			
Bangladesh	Sustainable Rural Infrastructure Improvement II	800.00	240.00
Bangladesh	Preparing Rajshahi Water Supply and Sewerage Authority Project	1,000.00	1,000.00
India	Preparing the Rajasthan Urban Project IV	750.00	750.00
Nepal	Rehabilitation and Management Transfer of Medium Irrigation Scheme	700.00	700.00
Nepal	Development of Border Towns (formerly Second Integrated Urban Development)	700.00	609.00
Sri Lanka	Greater Colombo Wastewater II	900.00	900.00
Sri Lanka	Preparing Water Resource Development Infrastructure in Post Conflict Area	800.00	800.00
Total South Asia		5,650.00	4,999.00
SOUTHEAST ASIA			
Cambodia	Irrigated Agriculture Investment Project	2,500.00	2,500.00
Lao PDR	GMS East-West Economic Corridor Agriculture Infrastructure Sector Project - Due Diligence for Additional Financing	125.00	124.00
Lao PDR	Sustainable Rural Infrastructure and Watershed Management Project	1,500.00	1,500.00
Lao PDR	Second Water Supply and Sanitation Project	225.00	225.00
Philippines	Flood Management Project	1,000.00	1,000.00
Viet Nam	Urban Climate Change Resilience Program	1,000.00	840.00
Viet Nam	Water Sector Corporate Reform Management	1,000.00	1,000.00
Total Southeast Asia		7,350.00	7,189.00
TOTAL 2017 PROGRAMMED PPTAs		19,675.00	18,388.00

**2017 PROGRAMMED CAPACITY DEVELOPMENT TAs (CDTAs)
AND POLICY ADVISORY TAs PATAs)
(Amount in \$'000)**

Country	TA Title	Total TA Amount	Water Component
CENTRAL AND WEST ASIA			
Pakistan	PATA: Third Party Monitoring for FATA Water Resources	200.00	200.00
Regional	CDTA: Strengthening Water Security in the Aral Sea Basin	1,000.00	1,000.00
Total Central and West Asia		1,200.00	1,200.00
EAST ASIA			
PRC	CDTA: An Innovative Public-Private Water Fund in the Chishui River Basin in Guizhou Province	100.00	100.00
Total East Asia		100.00	100.00
PACIFIC			
Papua New Guinea	CDTA: Water Supply and Sanitation Institutional Strengthening	700.00	700.00
Total Pacific		700.00	700.00
SOUTH ASIA			
India	CDTA: Strengthening Urban Project Management in Uttaranchal	400.00	400.00
India	CDTA: Urban Sector Profile and Capacity Building (Formerly India Urban Sector Assessment: the Way Forward)	400.00	400.00
India	CDTA: Madhya Pradesh Urban Services Improvement Project	1,000.00	1,000.00
India	CDTA: Supporting Climate and Disaster Resilient Smart Urban Infrastructure in West Bengal	1,000.00	857.00
India	CDTA: Capacity Building for Promoting 24x7 Water Supply	700.00	700.00
India	CDTA: State Level Hydropower Master Plan Preparation	500.00	500.00
Nepal	CDTA: Institutional and Management Strengthening for Water Supply and Sanitation in Kathmandu	2,000.00	2,000.00
Nepal	CDTA: Far Western Region Urban Development Project	1,000.00	650.00
Sri Lanka	CDTA: Jaffna and Kilinochchi Water Supply Project-Additional Financing	600.00	600.00
Sri Lanka	CDTA: Regulatory TA for Water and Sanitation Sector	500.00	500.00
Total South Asia		8,100.00	7,607.00
SOUTHEAST ASIA			
Indonesia	CDTA: Strengthening the Supply of Bulk Water (SIAP Subproject) CDTA: Supporting	500.00	500.00
Indonesia	CDTA: Supporting Implementation of Infrastructure in the Directorate of Water Resources (SIAP Subproject)	400.00	400.00
Indonesia	CDTA: Improving Rural Infrastructure Planning and Asset Management through Technological Innovation	2,000.00	1,000.00
Indonesia	CDTA: Strengthening RBL Independent Monitoring	400.00	400.00

Country	TA Title	Total TA Amount	Water Component
	in Irrigation (SIAP Subproject)		
Indonesia	PATA: Strengthening Urban Development Planning and Implementation (SIAP Subproject)	300.00	90.00
Vietnam	CDTA: Piloting Fecal Sludge Management in Viet Nam	2,500.00	2,500.00
Total Southeast Asia		6,100.00	4,890.00
TOTAL 2017 PROGRAMMED CDTAs, PATAs		16,200.00	14,497.00