

# Country Operations Business Plan

October 2017

Tajikistan 2018–2020

This document is being disclosed to the public in accordance with ADB's Public Communications Policy 2011.

Asian Development Bank

### **CURRENCY EQUIVALENTS**

(as of 2 October 2017)

Currency unit – somoni (TJS)

TJ\$1.00 = \$ 0.11 \$1.00 = TJ\$ 8.80

#### **ABBREVIATIONS**

ADB – Asian Development Bank

CAREC – Central Asia Regional Economic Cooperation

COBP – country operations business plan

#### **NOTE**

In this report, "\$" refers to United States dollars.

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#### I. CONSISTENCY OF BUSINESS PLAN WITH COUNTRY PARTNERSHIP STRATEGY

- 1. The Tajikistan country operations business plan (COBP) of the Asian Development Bank (ADB) for 2018–2020 aligns with the country partnership strategy for 2016–2020 that the Board endorsed on 23 August 2016.¹ The country partnership strategy aims to (i) support sustained and inclusive growth that is less susceptible to external shocks, and (ii) create higher paying jobs. The COBP also supports the government's long-term national development strategy for 2016–2030. The COBP has five main goals:
  - (i) continue infrastructure investments in energy and transport, where ADB has had a lead role:
  - (ii) initiate support for integrated urban development:
  - (iii) sequence reforms to the overall investment climate, including a focus on knowledge work and economic diversification;
  - (iv) continue support to education and re-engage in health care development; and
  - (v) integrate food security with value-chain development, water resources management, and climate change adaptation and resilience that targets poorer *oblasts* (regions).
- 2. Since early 2015, the Tajik economy has slowed markedly because of a recession in Russia and declining remittances. ADB will respond by continuing its support for structural reforms through policy-based lending, support for private sector participation in skills development, and investment in infrastructure rehabilitation. ADB will also support other complementary initiatives in regional cooperation, governance, urban development, health and education, climate change resilience, food security, environment, and gender mainstreaming.

#### II. INDICATIVE RESOURCE PARAMETERS

- 3. Tajikistan, a group A developing member country, is eligible for concessional ordinary capital resources lending. The indicative concessional resource allocation for 2018–2020 is \$283.21 million, including \$30.00 million from disaster risk reduction resources.<sup>2</sup> An additional allocation of \$20.0 million was also provided from the regular ordinary capital resources regional set-aside for the 2018 Central Asia Regional Economic Cooperation (CAREC) Corridors 2, 5, and 6 (phase 2) Road Project. A 3-year pipeline was developed based on commitments instead of previously used approvals. Given that Power Sector Development Project (\$65.00 million) carried over from 2017 to 2018, the indicative investment program under the COBP, 2018–2020 consists of \$166.44 million in 2018, \$95.09 million in 2019, \$74.25 million in 2020. Thus, total amount of the pipeline during 2018–2020 will reach \$335.78 million. The final amount of assistance is subject to the resources availability and the project readiness. Cofinancing and funding from other sources, including the regional pool under concessional resources, will be explored.
- 4. Based on debt sustainability assessment, ADB moved from 100% grant for Tajikistan during 2008–2014 to a 50:50 grant–loan ratio from 2015 onwards. Tajikistan is currently rated *moderate* for debt distress and so a 50:50 grant–loan ratio will, therefore, be maintained. However, ADB will closely monitor the economic situation in the country and coordinate with the International Monetary Fund on this issue. Several projects on standby may be dropped or reclassified as firm, depending on discussions with the government and funding availability. The technical assistance pipeline envisages \$5.0 million for 2018–2020. ADB will also assist private

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<sup>&</sup>lt;sup>1</sup> ADB. 2016. Country Partnership Strategy: Tajikistan, 2016–2020. Manila.

<sup>&</sup>lt;sup>2</sup> The disaster risk reduction (DRR) fund aims to strengthen disaster resilience and help spur investment. This additional financing will support (i) stand alone DRR projects, (ii) discrete DRR components of other grant and loan projects, and (iii) incremental costs to strengthen the disaster resilience of infrastructure investments.

businesses through loans, equity investments, and guarantee facilities. The Private Sector Operations Department is exploring investments in finance, agribusiness and mining, especially those operators with successful social license and strong environmental record.

#### III. SUMMARY OF CHANGES TO LENDING AND NONLENDING PROGRAMS

- 5. Changes in the lending and nonlending programs from the COBP for 2017–2019 are as follows<sup>3</sup>:
  - (i) **Transport.** In addition to CAREC Corridors 2, 5, and 6 (Dushanbe–Kurgonteppa) Road Project (additional financing), Kurgonteppa–Dangara–Kulob Road Project was added as 2020 Firm. The project will facilitate trade and reduce the travel time from Dushanbe, the capital, to Kurgonteppa, Dangara, and Kulob, which are parts of the less-developed southern region of Khatlon.
  - (ii) **Energy.** Power Sector Development Project was moved from 2017 firm to 2018 firm due to approvals delay. The project will improve the distribution and transmission systems in Dushanbe and continue sector reforms.
- (iii) **Public Sector Management.** Due to delay in implementation of Subprogram 2 of ADB's Investment Climate Reform Program (approved in 2016), Subprogram 3 was moved from 2018 firm to 2020 firm. Requirement of Subprogram 3 is also contingent on IMF Program. ADB will continue to support the government's structural reforms to improve the investment climate and create more jobs with higher pay.
- (iv) **Health.** As part of ADB's interest in supporting the education sector, inclusive education for good jobs project was programmed for 2019.
- (v) Water and Other Urban Infrastructure and Services. Earlier proposed Urban Sector Development Project for 2018 firm was determined with specific scope and renamed as Dushanbe Urban Water Supply and Sanitation Project. Due to over-programming and ongoing shortfall in 2017–2018 PBA, the project was moved from 2018 firm to 2019 firm and increased by \$10 million grant and \$10 million loan (total \$20 million additional). The project will contribute to development of environmentally resilient municipal infrastructure. To accommodate the government request for a river embankment in the Pyanj River basin, the Disaster Resilience in Pyanj River Basin Project was programmed as standby in 2019, which will utilize \$20 million from disaster risk reduction allocations allocated for 2019 and 2020.
- 6. The summary of changes to the lending and nonlending programs is reflected in the revised results framework in Appendix 1. The indicative lending and nonlending program is in Appendix 2, the assistance program for 2017 in Appendix 3, and a list of indicative knowledge publications and events in Appendix 4.

<sup>&</sup>lt;sup>3</sup> ADB. 2016. Tajikistan: Country Operations Business Plan, 2017-2019. Manila.

# **COUNTRY ASSISTANCE RESULTS AREAS**

|                                                                                                                                                                                                                     | ADB                                                                                                                                                                                                  |                                                                                                                          |                                                                                                                                                             |  |  |  |  |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|
| Key Country Development Outcomes to which ADB Contributes                                                                                                                                                           | Key Areas of Assistance                                                                                                                                                                              | Indicative Resource Allocation in 2018–2020 <sup>a</sup>                                                                 | Changes from Last COBP                                                                                                                                      |  |  |  |  |  |  |
| 1. Transport                                                                                                                                                                                                        |                                                                                                                                                                                                      |                                                                                                                          |                                                                                                                                                             |  |  |  |  |  |  |
| Reduced time and costs of movement of people and goods  Increased competition and private sector participation in road maintenance                                                                                  | Highways, national roads to develop economic corridor between Dushanbe and Kurgonteppa, Kurgonteppa—Dangara—Kulob road services, road safety, road maintenance, road transport policies, and reforms | Amount: \$151.25 million Share of COBP envelope: 45.04% of \$335.78 million Proposed cofinancing amount: \$43.00 million | Kurgonteppa–<br>Dangara–Kulob<br>Road Project was<br>added as 2020 firm                                                                                     |  |  |  |  |  |  |
| 2. Energy                                                                                                                                                                                                           |                                                                                                                                                                                                      |                                                                                                                          |                                                                                                                                                             |  |  |  |  |  |  |
| Increased reliability of electricity supply to all citizens, particularly those in rural areas  Improved access to affordable electricity by all citizens and businesses  Higher levels of electricity exports from | Improvement of distribution networks                                                                                                                                                                 | Amount: \$65.00 million Share of COBP envelope: 19.36% of \$335.78 million Proposed cofinancing amount: \$10.00 million  | Power Sector Development Project was moved from 2017 firm to 2018 firm due to approvals delay                                                               |  |  |  |  |  |  |
| summer surplus to neighboring countries                                                                                                                                                                             |                                                                                                                                                                                                      |                                                                                                                          |                                                                                                                                                             |  |  |  |  |  |  |
| 3. Education                                                                                                                                                                                                        |                                                                                                                                                                                                      |                                                                                                                          |                                                                                                                                                             |  |  |  |  |  |  |
| Skills development to increase productive employment                                                                                                                                                                | Rehabilitate and reform technical and vocational education and training                                                                                                                              | Amount: \$28.00 million Share of COBP envelope: 8.34% of \$335.78 million Proposed cofinancing amount: \$10.00 million   | No changes                                                                                                                                                  |  |  |  |  |  |  |
| 4. Public Sector Management                                                                                                                                                                                         |                                                                                                                                                                                                      |                                                                                                                          |                                                                                                                                                             |  |  |  |  |  |  |
| Increased business capability and opportunities                                                                                                                                                                     | Improvements to the investment climate through structural reforms, development of the private sector, and job creation                                                                               | Amount: \$20.00 million Share of COBP envelope: 5.96% of \$335.78 million Proposed cofinancing amount: \$5.00 million    | Investment Climate<br>Reforms Program<br>(Subprogram 3) was<br>moved from 2018<br>firm to 2020 firm due<br>to delay in<br>implementation of<br>Subprogram 2 |  |  |  |  |  |  |
| 5. Health                                                                                                                                                                                                           |                                                                                                                                                                                                      |                                                                                                                          | <u>.                                      </u>                                                                                                              |  |  |  |  |  |  |
| Improved quality of health services in both public and private medical clinics                                                                                                                                      | Improvements in health care access, development of private medical clinics, health insurance system                                                                                                  | Amount: \$32.09 million Share of COBP envelope: 9.56% of \$335.78 million Proposed cofinancing amount: \$0               | This is a new sector which is in line with the new CPS for 2016–2020.                                                                                       |  |  |  |  |  |  |

#### 4 Appendix 1

|                                                              | ADB                                                                                                                           |                                                                                                                        |                                                                       |  |  |  |  |  |
|--------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|--|--|--|--|--|
| Key Country Development Outcomes to which ADB Contributes    | Key Areas of Assistance                                                                                                       | Indicative Resource Allocation in 2018–2020 <sup>a</sup>                                                               | Changes from Last COBP                                                |  |  |  |  |  |
| 6. Water and Other Urban Infrastructure a                    | nd Sarvicas                                                                                                                   |                                                                                                                        |                                                                       |  |  |  |  |  |
| Developed environmentally resilient municipal infrastructure | Development of environmentally resilient municipal infrastructure in an integrated manner through public–private partnerships | Amount: \$39.44 million Share of COBP envelope: 11.75% of \$335.78 million Proposed cofinancing amount: \$5.56 million | This is a new sector which is in line with the new CPS for 2016–2020. |  |  |  |  |  |

ADB = Asian Development Bank, COBP = country operations business plan, CPS = Country Partnership Strategy.

a Includes the disaster risk reduction financing mechanism of \$30.00 million during 2018–2020.

Sources: Government of Tajikistan and ADB staff estimates.

# INDICATIVE ASSISTANCE PIPELINE

Table A2.1: Lending Products, 2018–2020

|                                                                                                     |        |                      |                                     | Lonan    |                    | uoto, 201 | Cost (\$ million)   |      |               |        |       |                   |
|-----------------------------------------------------------------------------------------------------|--------|----------------------|-------------------------------------|----------|--------------------|-----------|---------------------|------|---------------|--------|-------|-------------------|
|                                                                                                     |        |                      | Strategic                           |          | Year               |           |                     | ADE  | 3             |        | _     |                   |
| Project/Program Name                                                                                | Sector | Poverty<br>Targeting | Agendas<br>and Drivers<br>of Change | Division | of<br>TRTA/<br>PDA | Total     | Regu-<br>lar<br>OCR | COL  | ADF<br>Grants | Total  | Gov't | Co-<br>finance    |
| 2018 Firm  Power Sector Development  Project                                                        | ENE    | GI                   | ESG, IEG,<br>GCD, PAR               | CWEN     | 2016               | 75.0      | 0.0                 | 45.0 | 20.0          | 65.0   | 0.0   | 10.0ª             |
| CAREC Corridors 2, 5, and<br>6 (Dushanbe–<br>Kurgonteppa) Road<br>Project (additional<br>financing) | TRA    | GI                   | RCI, IEG,<br>GCD, PAR               | CWTC     | 2015               | 120.0     | 0.0                 | 54.0 | 43.0          | 97.0   | 0.0   | 23.0ª             |
| Water Resources Management in the Pyanj River Basin (additional financing) <sup>b</sup>             | ANR    | GI                   | IEG, PAR                            | CWER     | n/a                | 10.0      | 0.0                 | 0.0  | 4.44          | 4.44   | 0.0   | 5.56ª             |
| Total                                                                                               |        |                      |                                     |          |                    | 205.0     | 0.0                 | 99.0 | 67.44         | 166.44 | 0.0   | 38.56             |
| 2018 Standby                                                                                        |        |                      |                                     |          |                    |           |                     |      |               |        |       |                   |
| Inclusive Health Project                                                                            | HLT    | GI                   | IEG, ESG,<br>GCD                    | CWSS     | 2017               | 32.09     | 0.0                 | 10.0 | 22.09         | 32.09  | 0.0   | 0.0               |
| Total                                                                                               |        |                      |                                     |          |                    | 32.09     | 0.0                 | 10.0 | 22.09         | 32.09  | 0.0   | 0.0               |
| 2019 Firm Inclusive Education for Good Jobs Project                                                 | EDU    | GI                   | IEG, PAR,<br>GCD                    | CWSS     | 2018               | 38.0      | 0.0                 | 8.0  | 20.0          | 28.0   | 0.0   | 10.0ª             |
| Dushanbe Urban Water Supply and Sanitation Project                                                  | WUS    | GI                   | IEG, GCD,<br>PSD, PAR               | CWUW     | 2017               | 35.0      | 0.0                 | 25.0 | 10.0          | 35.0   | 0.0   | 0.0               |
| Inclusive Health Project                                                                            | HLT    | GI                   | IEG, ESG,<br>GCD                    | CWSS     | 2017               | 32.09     | 0.0                 | 10.0 | 22.09         | 32.09  | 0.0   | 0.0               |
| Total                                                                                               |        |                      | 332                                 |          |                    | 105.09    | 0.0                 | 43.0 | 52.09         | 95.09  | 0.0   | 10.0              |
| 2019 Standby                                                                                        |        |                      |                                     |          |                    |           |                     |      |               |        |       |                   |
| Investment Climate<br>Reforms Program<br>(Subprogram 3, PBL)                                        | PSM    | GI                   | IEG, GCD,<br>PSD, PAR               | CWPF     | 2018               | 25.0      | 0.0                 | 0.0  | 20.0          | 20.0   | 0.0   | 5.0 <sup>a</sup>  |
| Kurgonteppa–Dangara–<br>Kulob Road Project                                                          | TRA    | GI                   | RCI, IEG,<br>GCD, PAR               | CWTC     |                    | 74.25     | 0.0                 | 40.0 | 14.25         | 54.25  | 0.0   | 20.0 <sup>a</sup> |
| Rural Financial Inclusion<br>Project                                                                | PSM    | GI                   | IEG, GCD,<br>PSD, PAR               | CWPF     | 2018               | 25.0      | 0.0                 | 0.0  | 25.0          | 25.0   | 0.0   | 0.0               |
| Disaster Resilience in<br>Pyanj River Basin<br>Project <sup>b</sup>                                 | ANR    | GI                   | IEG, ESG,<br>PAR                    | CWER     |                    | 20.0      | 0.0                 | 10.0 | 10.0          | 20.0   | 0.0   | 0.0               |
| Total                                                                                               |        |                      |                                     |          |                    | 144.25    | 0.0                 | 50.0 | 69.25         | 119.25 | 0.0   | 25.0              |

|                                                                      |        |                      |                                     |          |                    |        |                     | Cost | t (\$ million) |       |         |                   |
|----------------------------------------------------------------------|--------|----------------------|-------------------------------------|----------|--------------------|--------|---------------------|------|----------------|-------|---------|-------------------|
|                                                                      |        |                      | Strategic                           |          | Year               |        |                     | ADI  | 3              |       |         |                   |
| Project/Program Name                                                 | Sector | Poverty<br>Targeting | Agendas<br>and Drivers<br>of Change | Division | of<br>TRTA/<br>PDA | Total  | Regu-<br>lar<br>OCR | COL  | ADF<br>Grants  | Total | Gov't f | Co-<br>finance    |
| 2020 Firm                                                            |        |                      |                                     |          |                    |        |                     |      |                |       |         | _                 |
| Investment Climate<br>Reforms Program<br>(Subprogram 3, PBL)         | PSM    | GI                   | IEG, GCD,<br>PSD, PAR               | CWPF     | 2018               | 25.0   | 0.0                 | 0.0  | 20.0           | 20.0  | 0.0     | 5.0ª              |
| Kurgonteppa–Dangara–<br>Kulob Road Project                           | TRA    | GI                   | RCI, IEG,<br>GCD, PAR               | CWTC     |                    | 74.25  | 0.0                 | 40.0 | 14.25          | 54.25 | 0.0     | 20.0 <sup>a</sup> |
| Total<br>2020 Standby                                                |        |                      |                                     |          |                    | 99.25  | 0.0                 | 40.0 | 34.25          | 74.25 | 0.0     | 25.0              |
| Kurgonteppa-Dangara-<br>Kulob Road Project<br>(additional financing) | TRA    | GI                   | RCI, IEG,<br>GEM, PAR               | CWTC     |                    | 74.25  | 0.0                 | 40.0 | 14.25          | 54.25 | 0.0     | 20.0 <sup>a</sup> |
| Health Sector Development Project                                    | HLT    | GI                   | IEG, PAR,<br>GCD                    | CWSS     | 2018               | 30.0   | 0.0                 | 15.0 | 15.0           | 30.0  | 0.0     | 0.0               |
| Total                                                                |        |                      |                                     |          |                    | 104.25 | 0.0                 | 55.0 | 29.25          | 84.25 | 0.0     | 20.0              |

ADB = Asian Development Bank; ADF = Asian Development Fund; ANR = agriculture, natural resources, and rural development; CAREC = Central Asia Regional Economic Cooperation; COL = concessional OCR lending; CWEN = Energy Division; CWER = Environment, Natural Resources, and Agriculture Division; CWPF = Public Management, Financial Sector, and Trade Division; CWSS = Social Sector Division; CWTC = Transport and Communications Division; CWUW = Urban Development and Water Division; EDU = education; ENE = energy; ESG = environmentally sustainable growth; GCD = governance and capacity development; GI = general intervention; Gov't = government; HLT = health; IEG = inclusive economic growth; MUL = multisector; OCR = ordinary capital resources; PAR = partnerships; PBL = policy-based lending; PDA = project design advance; PSD = private sector development; PSM = public sector management; RCI = regional integration; TRTA = transaction technical assistance; TRA = transport; WUS = water supply and other urban infrastructure and services.

Source: Asian Development Bank estimates.

<sup>&</sup>lt;sup>a</sup> Source of financing is to be determined.

b Disaster risk reduction project.

Table A2.2: Nonlending Products and Services, 2018–2020

|                                                           |        |          |            | Sources of Funding |          |        |          |          |  |
|-----------------------------------------------------------|--------|----------|------------|--------------------|----------|--------|----------|----------|--|
|                                                           |        |          | •          | Al                 | OB       | 0      | thers    |          |  |
|                                                           |        |          | Assistance |                    | Amount   |        | Amount   | Total    |  |
| Project/Program Name                                      | Sector | Division | Type       | Source             | (\$'000) | Source | (\$'000) | (\$'000) |  |
| 2018 Firm                                                 |        |          |            |                    |          |        |          |          |  |
| Rural Financial Inclusion Project                         | PSM    | CWPF     | TRTA       | TASF               | 1,000    |        | 0        | 1,000    |  |
| Inclusive Education for Good Jobs Project                 | EDU    | CWSS     | TRTA       | Others             | 800      |        | 0        | 800      |  |
| Kurgonteppa–Dangara–Kulob Road Project                    | TRA    | CWTC     | TRTA       | TASF               | 1,200    |        | 0        | 1,200    |  |
| Total                                                     |        |          |            |                    | 3,000    |        | 0        | 3,000    |  |
| 2019 Firm                                                 |        |          |            |                    |          |        |          |          |  |
| Investment Climate Reforms Program,<br>Subprogram 3 (PBL) | PSM    | CWPF     | TRTA       | TASF               | 1,250    |        | 0        | 1,250    |  |
| Health Sector Development                                 | HLT    | CWSS     | TRTA       | Others             | 750      |        | 0        | 750      |  |
| Total                                                     |        |          |            |                    | 2,000    |        | 0        | 2,000    |  |

ADB = Asian Development Bank; CWPF = Public Management, Financial Sector, and Trade Division; CWSS = Social Sector Division; CWTC = Transport and Communications Division; EDU = education; HLT = health; PBL = policy-based lending; TRTA = transaction technical assistance; PSM = public sector management; TASF = Technical Assistance Special Fund; TRA = transport.

Source: Asian Development Bank estimates.

#### **ASSISTANCE PROGRAM FOR CURRENT YEAR**

Table A3.1: Lending Products, 2017

|                                                                                              |        |                      |                                     |          |                    |       |                     | Cos   | st (\$ million | 1)    |       |                |
|----------------------------------------------------------------------------------------------|--------|----------------------|-------------------------------------|----------|--------------------|-------|---------------------|-------|----------------|-------|-------|----------------|
|                                                                                              |        |                      | Strategic                           |          | Year               |       |                     | ΑI    | )B             |       |       |                |
| Project/Program Name                                                                         | Sector | Poverty or Targeting | Agendas<br>and Drivers<br>of Change | Division | of<br>TRTA/<br>PDA | Total | Regu-<br>lar<br>OCR | COL   | ADF<br>Grants  | Total | Gov't | Co-<br>finance |
| Achieving Food Security<br>through Climate<br>Resilience Dairy<br>Value Chain<br>Development | ANR    | GI                   | ESG, IEG,<br>GEM, PAR               | CWER     | 2016               | 40.00 | 0.00                | 24.50 | 10.50          | 35.00 | 0.00  | 5.0ª           |
| Investment Climate<br>Reforms Program<br>(Subprogram 2, PBL)                                 | PSM    | GI                   | IEG, GCD,<br>PSD, PAR               | CWPF     | 2014               | 50.00 | 0.00                | 30.77 | 19.23          | 50.00 | 0.00  | 0.0            |
| Total                                                                                        |        |                      |                                     |          |                    | 90.00 | 0.00                | 55.27 | 29.73          | 85.00 | 0.00  | 5.0            |

ADB = Asian Development Bank; ADF = Asian Development Fund; ANR = agriculture, natural resources and rural development; CAREC = Central Asia Regional Economic Cooperation; COL = concessional OCR lending; CWER = Environment, Natural Resources, and Agriculture Division; CWPF = Public Management, Financial Sector, and Trade Division; CWTC = Transport and Communications Division; ESG = environmentally sustainable growth; GCD = governance and capacity development; GEM = gender equity and mainstreaming; GI = general intervention; Gov't = government; IEG = inclusive economic growth; OCR = ordinary capital resources; PAR = partnerships; PBL = policy-based lending; PDA = project design advance; PSD = private sector development; PSM = public sector management; RCI = regional integration; TRA = transport; TRTA = transaction technical assistance.

Source: Asian Development Bank estimates.

<sup>&</sup>lt;sup>a</sup> Source of financing is to be determined.

Table A3.2: Nonlending Products and Services, 2017

|                                                                                     |        |          |                    |        | ;                      | Sources of Fund | ing                    |                       |
|-------------------------------------------------------------------------------------|--------|----------|--------------------|--------|------------------------|-----------------|------------------------|-----------------------|
|                                                                                     |        |          |                    | A      | DB                     | Othe            | rs                     |                       |
| Assistance Name                                                                     | Sector | Division | Assistance<br>Type | Source | <b>Amount</b> (\$'000) | Source          | <b>Amount</b> (\$'000) | <b>Total</b> (\$'000) |
| Achieving Food Security through Climate<br>Resilience Dairy Value Chain Development | ANR    | CWER     | TRTA               | TASF   | 500                    |                 | 0                      | 500                   |
| Dushanbe Urban Water Supply and Sanitation Project                                  | WUS    | CWUW     | TRTA               | TASF   | 800                    | CDIA            | 500                    | 1,300                 |
| Inclusive Health Project  Total                                                     | HLT    | CWSS     | TRTA               | TASF   | 500<br><b>1,800</b>    |                 | 0<br><b>500</b>        | 500<br><b>2,300</b>   |

ADB = Asian Development Bank; ANR = agriculture, natural resources and rural development; CDIA = Cities Development Initiative for Asia; CWER = Environment, Natural Resources, and Agriculture Division; CWSS = Social Sector Division; CWUW = Urban Development and Water Division; HLT = health; TRTA = transaction technical assistance; TASF = Technical Assistance Special Fund; WUS = water supply and other urban infrastructure and services. Source: Asian Development Bank estimates.

#### INDICATIVE KNOWLEDGE PUBLICATIONS AND EVENTS

Table A4.1: Knowledge Publications and Events for 2018

| Title of Publication or Event                                                     | Subject                                                                                     | Туре                                     | Department or<br>Sector Group or<br>Thematic Group | Fund Source                                                                                     |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Asian Development Outlook 2018, its update, and supplements (July, December)      | Economics                                                                                   | Publication and documentation            | ERCD, Tajikistan<br>Resident Mission               | TA 9149                                                                                         |
| Key Indicators for Asia 2018                                                      | Economics                                                                                   | Publication and documentation            | ERCD                                               | TA 9023                                                                                         |
| Aid for Trade Report 2018                                                         | Economics                                                                                   | Publication and documentation            | ERCD                                               | TA 8655                                                                                         |
| Publications and events organized in 2018 as part of the CAREC Program activities | RCI, Energy,<br>Transport, Industry<br>and Trade, Finance,<br>Private Sector<br>Development | 1 publication and documentation 9 events | CWEN<br>CWRC<br>CWTC<br>EAPF                       | TA 6488 TA 8147 TA 8148 TA 8301 TA 8386 TA 8584 TA 8585 TA 8586 TA 8746 TA 8789 TA 8804 TA 8934 |
| Asia Clean Energy Forum 2018                                                      | Energy                                                                                      | Event                                    | SDAS                                               |                                                                                                 |
| Total number of publications = 4 Total number of events = 10                      |                                                                                             |                                          |                                                    |                                                                                                 |

ADB = Asian Development Bank; CAREC = Central Asia Regional Economic Cooperation; CWEN = Energy Division; CWRC = Regional Cooperation and Operations Coordination Division; CWTC = Transport and Communications Division; EAPF = Public Management, Financial Sector and Regional Cooperation, East Asia Department; ERCD = Economic Research and Regional Cooperation Department; RCI = regional cooperation and integration; SDAS = Sector Advisory Service Division; TA = technical assistance.

Note: Publications may include databases, multimedia, and other forms of documentation. Events may include event organization and training or capacity development.

Source: Asian Development Bank.

Table A4.2: Additional Knowledge Publications and Events Delivered in 2017

|                                                                  |                     |                    | Department or<br>Sector Group or |                 |  |
|------------------------------------------------------------------|---------------------|--------------------|----------------------------------|-----------------|--|
| Title of Publication or Event                                    | Subject             | Туре               | Thematic Group                   | Fund Source     |  |
| Asian Development Outlook 2017, its update, and supplements      | Economics           | Publication and    | ERCD, Tajikistan                 | TA 9149         |  |
| (July, December)                                                 |                     | documentation      | Resident Mission                 |                 |  |
| Key Indicators for Asia 2017                                     | Economics           | Publication and    | ERCD                             | TA 8779         |  |
|                                                                  |                     | documentation      |                                  |                 |  |
| Several publications and events organized in 2017 as part of the | RCI, Energy,        | 1 publication and  | CWEN                             | TA 6488 TA 8147 |  |
| CAREC Program activities                                         | Transport, Industry | documentation      | CWRC                             | TA 8148 TA 8301 |  |
|                                                                  | and Trade,          | 9 events           | CWTC                             | TA 8386 TA 8584 |  |
|                                                                  | Finance, Private    |                    | EAPF                             | TA 8585 TA 8586 |  |
|                                                                  | Sector              |                    |                                  | TA 8746 TA 8789 |  |
|                                                                  | Development         |                    |                                  | TA 8804 TA 8934 |  |
| Asia Clean Energy Forum 2017                                     | Energy              | Event organization | SDAS                             |                 |  |
| Forecasting methodology for employment generation and job        | Economics           | Publication and    | CWRC, Tajikistan                 | TA 8936         |  |
| creation in Tajikistan                                           |                     | documentation      | Resident Mission                 |                 |  |
| Inclusive economic development in Tajikistan                     | Economics           | Publication and    | CWRC                             | TA 8936         |  |
| ·                                                                |                     | documentation      |                                  |                 |  |
| Labor market policy and employment in Tajikistan                 | Economics           | Publication and    | CWRC                             | TA 8936         |  |
|                                                                  |                     | documentation      |                                  |                 |  |
| Favorable conditions for inclusive growth in Tajikistan          | Economics           | Publication and    | CWRC                             | TA 8936         |  |
| ·                                                                |                     | documentation      |                                  |                 |  |
| Responses to external shocks in Tajikistan                       | Economics           | Publication and    | CWRC                             | TA 8936         |  |
| •                                                                |                     | documentation      |                                  |                 |  |
| Impact of ADB Operations on Jobs and Inclusiveness in Tajikistan | Multisector         | Publication and    | CWRC                             | TA 8936         |  |
|                                                                  |                     | documentation      |                                  |                 |  |
| Total number of publications = 9 Total number of events = 9      |                     |                    |                                  |                 |  |

ADB = Asian Development Bank; CAREC = Central Asia Regional Economic Cooperation; CWEN = Energy Division; CWRC = Regional Cooperation and Operations Coordination Division; CWTC = Transport and Communications Division; EAPF = Public Management, Financial Sector and Regional Cooperation, East Asia Department; ERCD = Economic Research and Regional Cooperation Department; RCI = regional cooperation and integration; SDAS = Sector Advisory Service Division; TA = technical assistance.

Note: Publications may include databases, multimedia, and other forms of documentation. Events may include event organization and training or capacity development.

Source: Asian Development Bank.