

ADBI-Bill&Melinda Gates Foundation (BMGF)

Partnership on Sanitation

Advancing CWIS through innovation and capacity development in Asia and Africa

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According to ADB, currently 1.5 billion people in rural areas and 600 million more in urban areas still lack adequate water supply and sanitation in Asia and the Pacific.

ADB and the Bill & Melinda Gates Foundation (BMGF) jointly conduct capacity building and training (CBT) and research on advancing sanitation delivery, non-sewered sanitation, and the sanitation value chain.

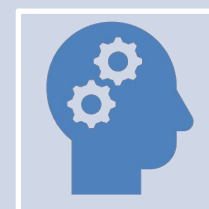
Our approach:



Deliver capacity building activities and knowledge products which can be integrated into decision-making processes concerning water and sanitation

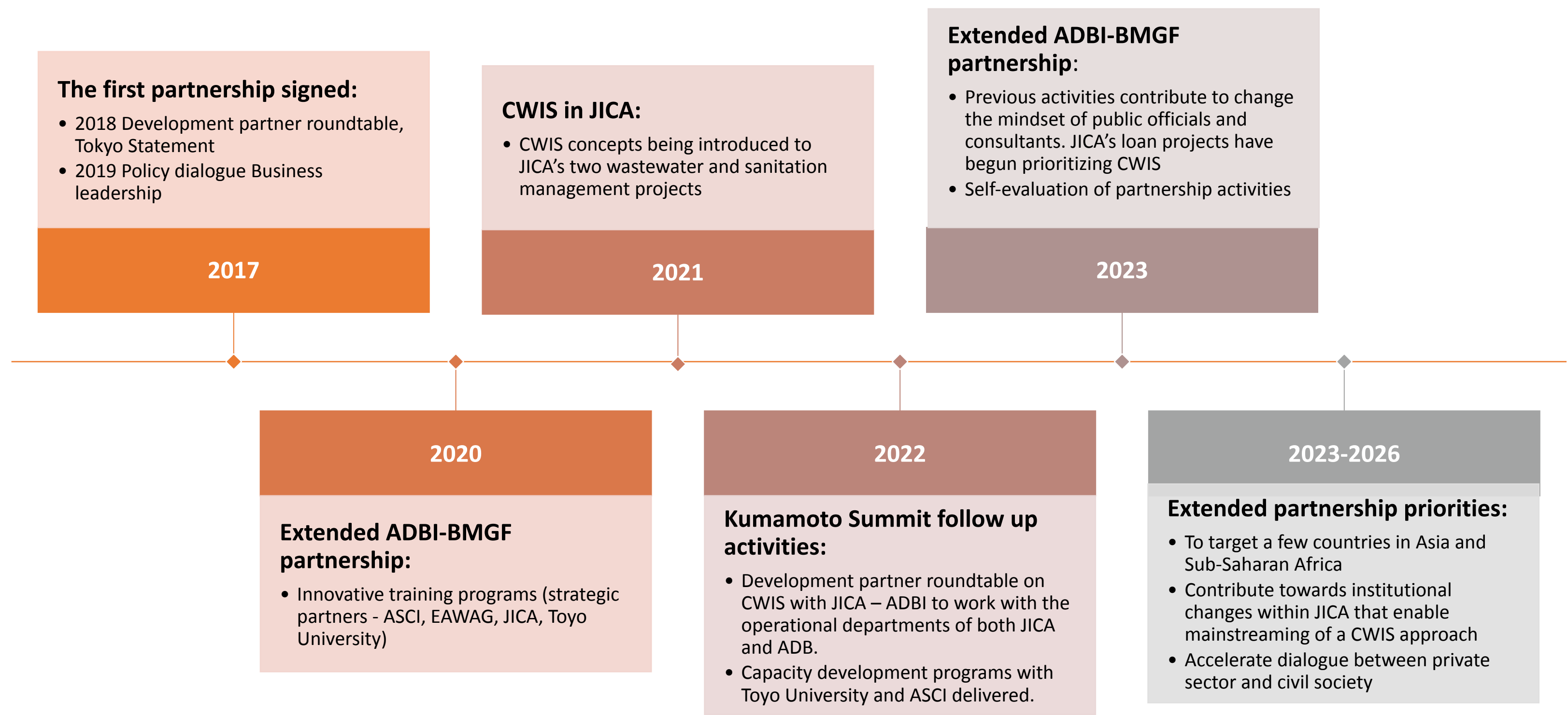


Utilize the theory of change indicators to measure impacts of activities



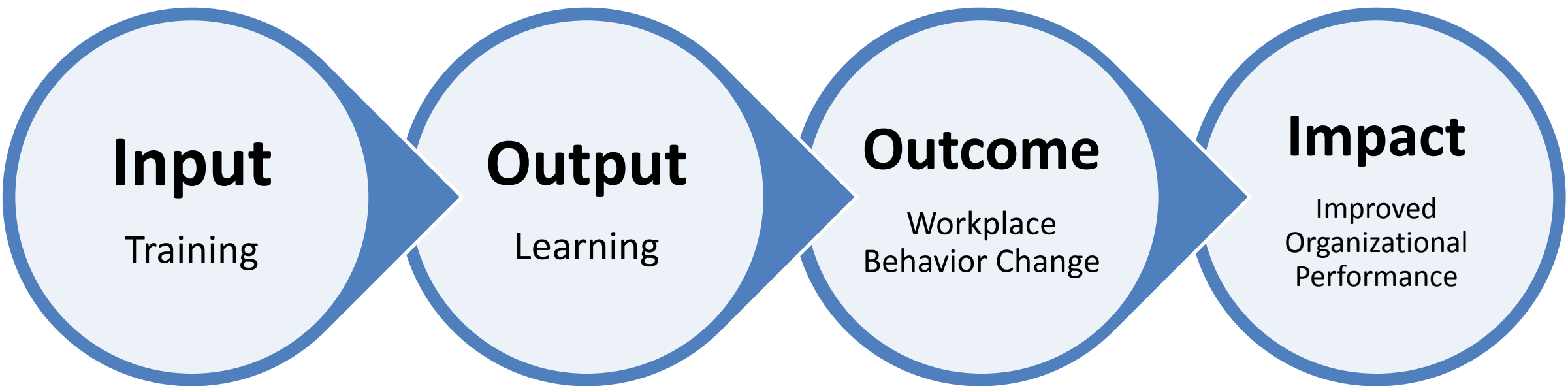
Explore the current state of progress with the logic chain of the theory of change

Creating and keeping the momentum of accelerating CWIS commitments

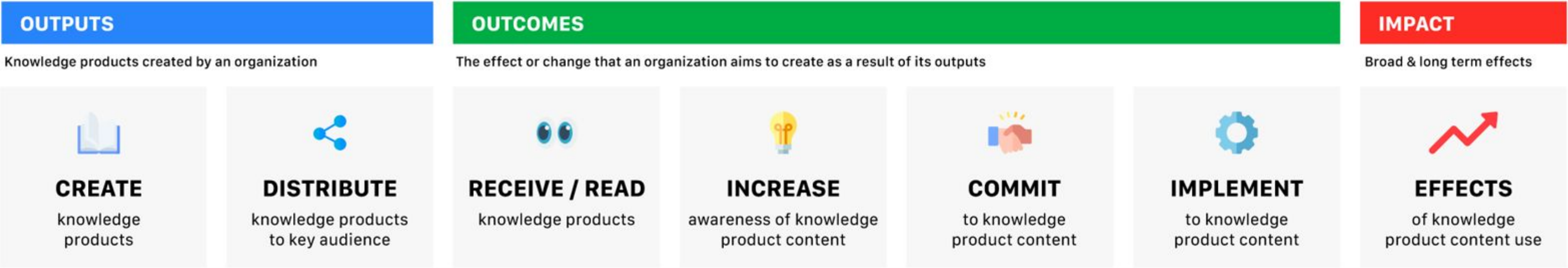


The theory of change with respect to knowledge products and capacity building

Capacity building results chain



Knowledge products



Key outputs from previous partnerships

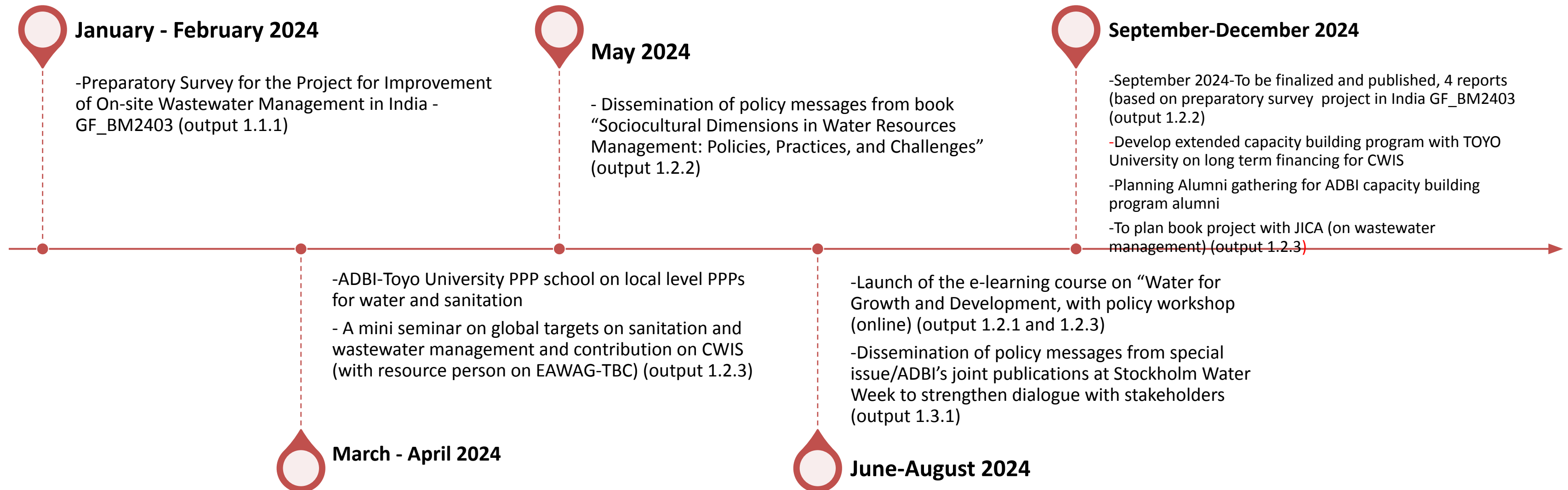
Partnership activities for 2017-2019

Activity type	Output
Capacity Development Programs and internal seminars	• Leadership Capacity Program for PPP in FSM • Leadership Capacity Building Program for Sustainable and Improved Sanitation Strategies for Policy Makers • Lecture seminar on a vision for accelerating access to sanitation • Economic spillover effects from two FSM programs in the Philippines
Roundtable Discussion and Policy Dialogue	Development Partner Roundtable and Policy Dialogue on Sustainable Sanitation in Asia
Publications and multimedia	4 Case studies (Philippines and India), 3 policy briefs, 7 opinion/blogpost articles, 1 short film and 1 multimedia webinar

Partnership activities 2020-2023

Activity type	Output
Capacity Development Programs	• ADBI-The Swiss Federal Institute of Aquatic Science and Technology (EAWAG) Online Courses on CWIS • ADBI-ASCI training on CWIS (5 cohorts) • ADBI-JICA Online Training Program on Wastewater Management and CWIS (2 cohorts) • ADBI-Toyo University Program on CWIS (3 cohorts)
Roundtable Discussion and Policy Dialogue	Development Partners Roundtable and the Country Policy Dialogue
Publications and multimedia	Case studies (India, Malaysia, Nepal, Japan, and China)-8 articles, working papers, policy briefs, and a policy note-3 articles, 5 blogpost articles, 3 videos and 2 podcasts

Work program for 2024

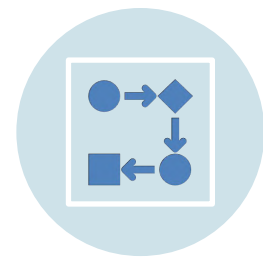


ADBI-BMGF knowledge products evaluation

Key highlights from the self evaluation (August 2023)



Activities played a crucial role in promoting innovative and sustainable water and sanitation solutions in DMCs



The evaluation highlights the relevance, efficacy, and efficiency of the joint efforts



Recommendations drawn for the activities under the next partnership



Analysis

- Structured questionnaires and in depth interviews with past participants (72 responses out of 150 respondents and 5 in depth interviews).
- Qualitative and quantitative interpretation of the results.

Access full report from here:



ADBI-BMGF knowledge products self evaluation

Findings:

Relevance – Activities have been strategically aligned with current issues, challenges, and progress in water and sanitation in Asia.

Efficiency – They have effectively influenced behavioral changes in the implementation pathway to promote and achieve inclusive water and sanitation in Asia.

Efficacy – A significant effort has been made to disseminate knowledge products – with over 200 participants, a series of activities implemented addressed challenges in water and sanitation in the Asia-Pacific region.

Recommendations:

Collaboration - To intensify communication with local authorities by partnering with local counterparts, such as NGOs, think tanks, or universities.

Learning delivery method - Using self-paced online learning with local content.

Participant selection - It is important to balance participant backgrounds and encourage policy makers and practitioners with the background in finance and economics to take part in programs.

Access full report from here:



Strengthening the capacity of government officials and practitioners – notable achievements in 2024

ADB-TOYO University collaboration: a new joint program for long-term financing for sanitation: Local Level PPPs for Enhancing Water and Sanitation Services and Infrastructure

- In March 2025, a half-day workshop was held to highlight Japan's unique experience in managing water and sanitation projects at the local level through public-private partnerships (PPPs).
- Up to 60 participants trained (government officials and practitioners).
- Policy brief on the same topic has been published.
- Activity is supported by **ADB's Office of Office of Markets Development and Public-Private Partnership (OMDP)**.
- An extended capacity-building program is being planned to further disseminate innovative long-term financing solutions.



Download the policy brief

Incorporating Sociocultural Dimensions in Water Resources Management: Policies, Practices, and Challenges

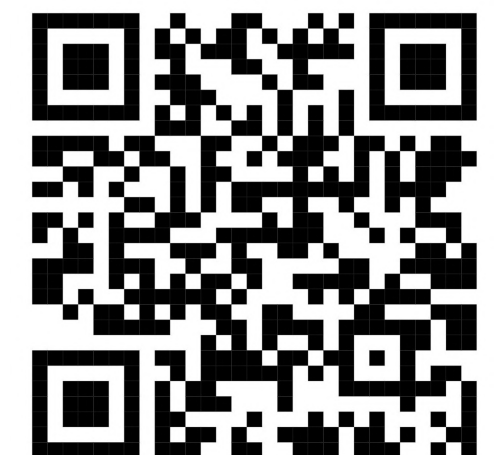
- Book project with Japan Water Forum completed in April 2024, with online book launch organized.
- In May 2024, thematic session, "Incorporating Sociocultural Dimensions in Water Resources Management: Policies, Practices, and Challenges," together with the Japan Water Forum and UNESCO Beijing on the occasion of 10th WWF.
- 100 participants attended (governments, multilateral banks, academia, NGOs, and civil society). The session has successfully set the stage for further discussions with stakeholders and key opinion makers from the water sector to strengthen dialogue for the resiliency of the water sector in Asia and the Pacific.



Download the book

E-learning course and policy dialogue workshop "Water for Growth and Development"

- An inaugural E-Learning Course of ADBI on Water launched
- Three one-hour long, self-paced modules include lectures on water resiliency in Asia, ADB's approach to water projects, infrastructure financing foundations, long-term solutions, and a successful case study on water utility transformation through PPPs in Asia.
- Instructors' Background: ADB, NUS, ADBI, WatSan Analytics/World Bank/Manila Water (former executive).
- The first cohort of participants has been selected. After completing the self-paced lectures, participants will present their final assignments at a policy dialogue workshop.

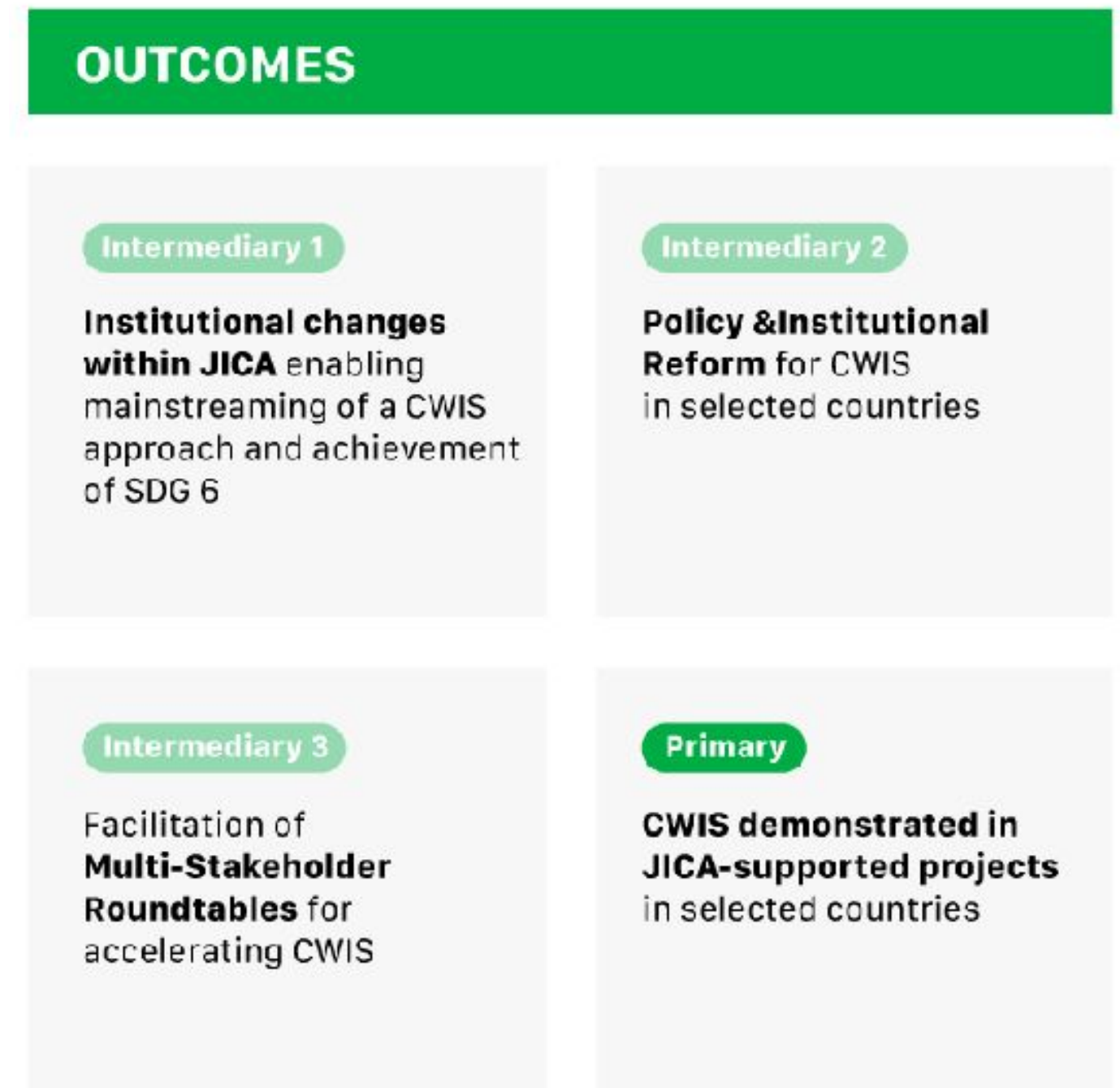


Access the syllabus

Priorities for the next phase of partnership (2023-2026)

Outcomes and key outputs

Examples of key outputs:



Examples of pressing development topics in the water and sanitation sector

Long term financing needs of sanitation projects:

- Long term financing needs due to significant upfront capital investments. Investments typically paid off over extended period, benefits of projects are released over the long term.
- Sanitation projects require the engagement of various actors, including governments, international organizations, development banks, civil society organizations, and private sector entities.
- Governments need to engage different actors to close the financing gap.

Benefits of involving private sector in sanitation projects*

Financial contribution	Innovative approach	Management role
• PPP • Blended finance • Impact investing	• New technologies • New business models	• Designing • Implementing • Operating

*Source: Long-Term Financing for City-Wide Inclusive Sanitation. ADBI Policy Brief No. 2023-3. Wibowo, D., Bennon, M., Seetha Ram KE, 2023)

Gender related barriers in implementing CWIS:

- There is a significant and positive relationship between sanitation access and the gender parity index (GPI) in secondary and tertiary schooling.
- Improved sanitation service is key for girls to catch up in school participation.
- Girls are especially reliant on gender-specific and hygienic sanitation facilities upon entering puberty.
- Developing countries need to meet the sanitation infrastructure needs.



Our approach to partners



Innovative Pedagogies:

- Game-based learning
- Employ case-based learning
- Offer self-paced learning
- Utilize multimedia resources



Sustained Collaboration:

- Maintain ongoing partnerships with valued organizations
- Engage in annual collaborative activities
- Diverse partner engagement: involve various stakeholders in new activities



Diversify capacity-building approaches:

- Incorporate accelerators and idea generation
- Engage more female researchers and young practitioners

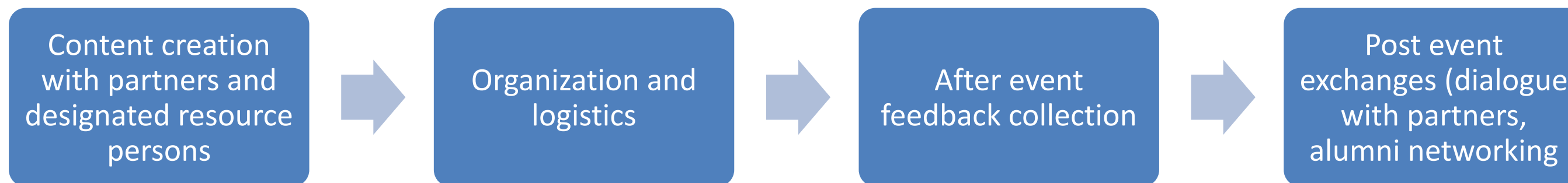


Awareness raising on both technical aspects and financing:

- Continue creating products on technical aspects of water and sanitation
- Enhance focus on financing aspect (i.e PPPs, Blended Finance, and Impact Investing)

The way we work

Capacity building and training activities



Knowledge products



Partnership success stories



ADB and JICA have jointly organized successful training programs on Citywide Inclusive Sanitation (CWIS). ADB collaborates with JICA in an ongoing effort to introduce CWIS within JICA's projects and to strengthen the capacity of staff and consultants on best practices in CWIS implementation.



Administrative Staff College of India
Leadership through Learning

ASCI is a think-tank that offers advice, training, and research assistance to government officials, industry leaders, and service sector professionals in India and beyond. ADB-ASCI joint program already contributed towards building capacity of over 400 practitioners.



ADB in partnership with Toyo University has organized 3 cohorts of CWIS trainings in 2022-2023. Topics included the development history of the sanitation in Japan, technologies, procedures and policies, organizational systems, legal and regulatory practices in Japan, financial aspects of projects, etc.



JSC
Japan Sanitation Consortium
APWF KNOWLEDGEHUB

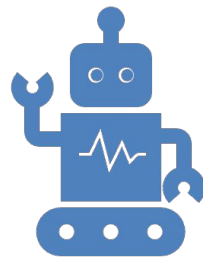
ADB and Japan Sanitation Consortium (JSC) have been working closely with JICA's operational departments to sensitize national and local governments to include CWIS in JICA's new investments and accelerate progress with SDG 6.2.



“... after joining ADB-ASCI session, we understood how much the local government will require to achieve SDGs. 6.1 and 6.2 in terms of investments.” (Nepal's officials, DWSSM's Senior Divisional Engineer)



Planned collaborative endeavors



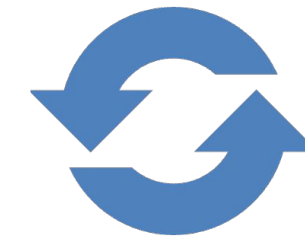
Agile approach –
continuous program
enhancement, adapt
and refine offerings



Setting an example –
demonstrate excellence
in program delivery and
outcomes



Peer to peer learning
and alumni networking
–support beyond
traditional capacity
building activities



Continuous feedback
collection – use
feedback to drive
improvements and
adjustments

**For more information
please see:**

ADB I-Bill & Melinda Gates Foundation Leadership
Capacity Development on City-wide Inclusive
Sanitation | Asian Development Bank

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Partnership success stories-JICA

ADBI-JICA ONLINE TRAINING PROGRAM ON WASTEWATER MANAGEMENT AND CITY-WIDE INCLUSIVE SANITATION

The main goal of this training was to improve regional capacity and skills for the innovative design and accelerated implementation of CWIS projects. The program also featured a new video on Japan's "Johkasou" decentralized wastewater treatment system that has made affordable on-site sanitation facilities widely available and contributed to the country's high sanitation standard.

SUPPORTING CWIS-ALIGNED PROJECTS DESIGNED AT JICA

In 2021, Citywide Inclusive Sanitation (CWIS) activities were implemented, including training with consultants and JICA staff on



Partnership success stories-ASCI

ADBI-ASCI ONLINE COURSE FOR LEADERSHIP DEVELOPMENT ON CWIS

- ASCI is a think-tank that offers advice, training, and research assistance to government officials, industry leaders, and service sector professionals in India and beyond.
- ADBI, BMGF, ASCI, and JSIC have organized a series of training programs on CWIS catering to government officials and consultants in India. The lectures covered topics on financing, technology, implementation, operation and maintenance, policymaking, and community engagement.
- Over 400 participants have joined five cohorts between 2021-2023 from countries, such as Bangladesh, Burkina Paso, India, Nepal, Sri Lanka, and The Philippines.
- ASCI and ADBI have created a CWIS peer learning network with the participants from these cohorts.



Partnership success stories-Toyo University

ADB-TOYO UNIVERSITY TRAINING PROGRAM ON CWIS: FOCUS ON JAPANESE EXPERIENCES

- The 12-day ADB-Toyo University training program for select policymakers from developing Asia and experts (held in 3 cohorts) in 2022-2023 examined city-wide inclusive sanitation policy and innovation challenges and opportunities in the region. It focuses on sanitation project experiences in Japan and recommendations for the region.
- The total number of participants from 3 cohorts is 37 participants from Bangladesh, Cambodia, Indonesia, India, Nepal, and The Philippines.
- ADB will maintain its collaboration with Toyo University to enhance the capacity of policymakers from developing member countries (DMCs).



Access the on-demand lectures

