



Development of the sustainable water and sanitation systems in CAREC region

Research rationale, plan, focus areas and research methodology

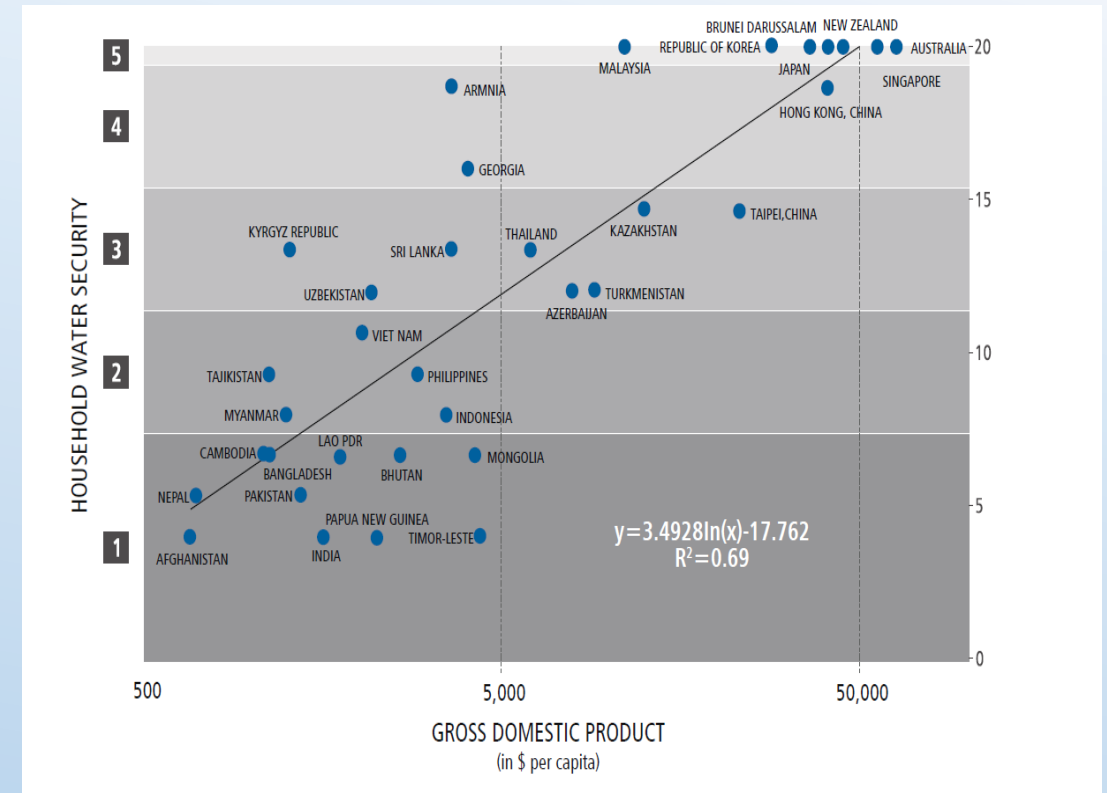
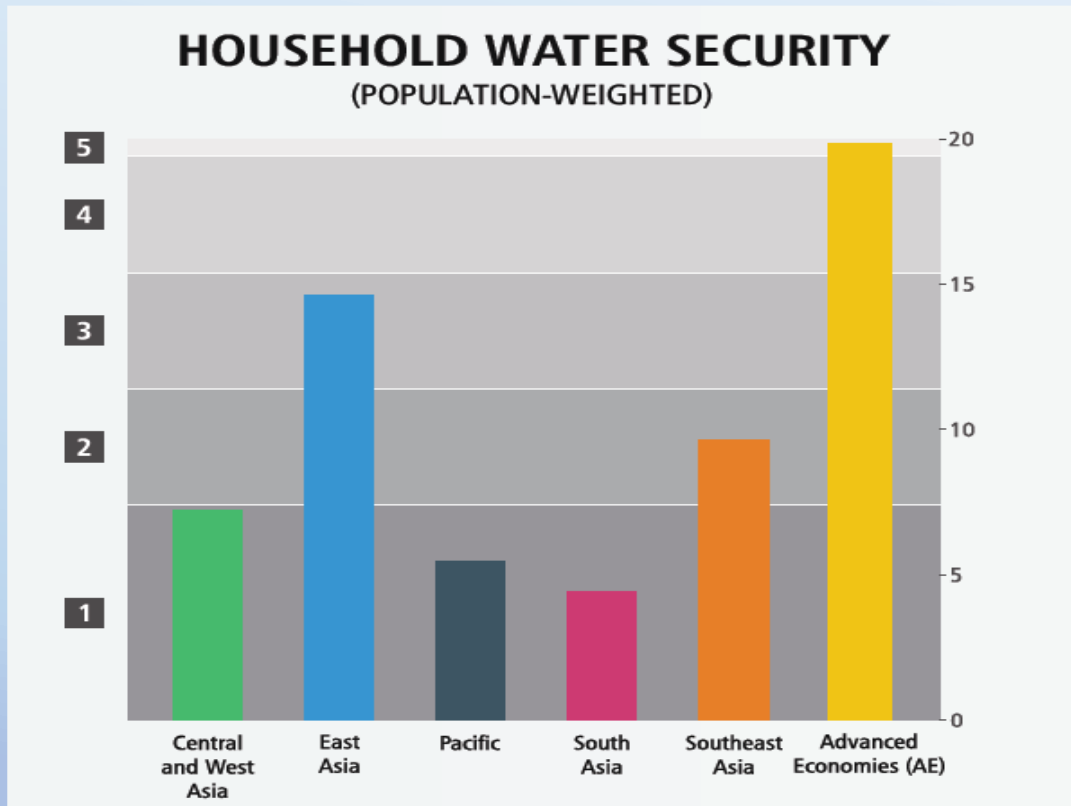
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Water, Sanitation and Hygiene in CAREC Region



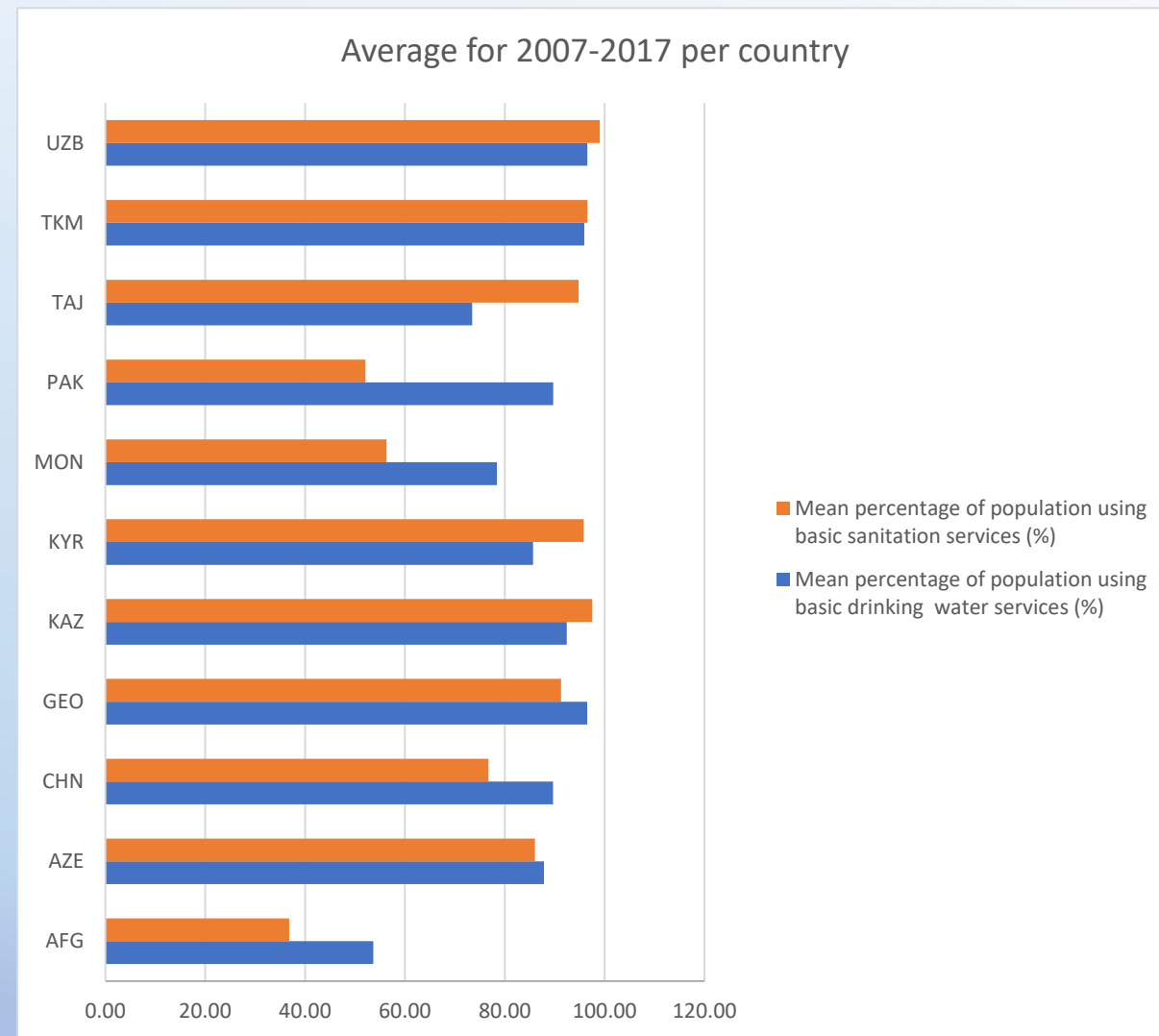
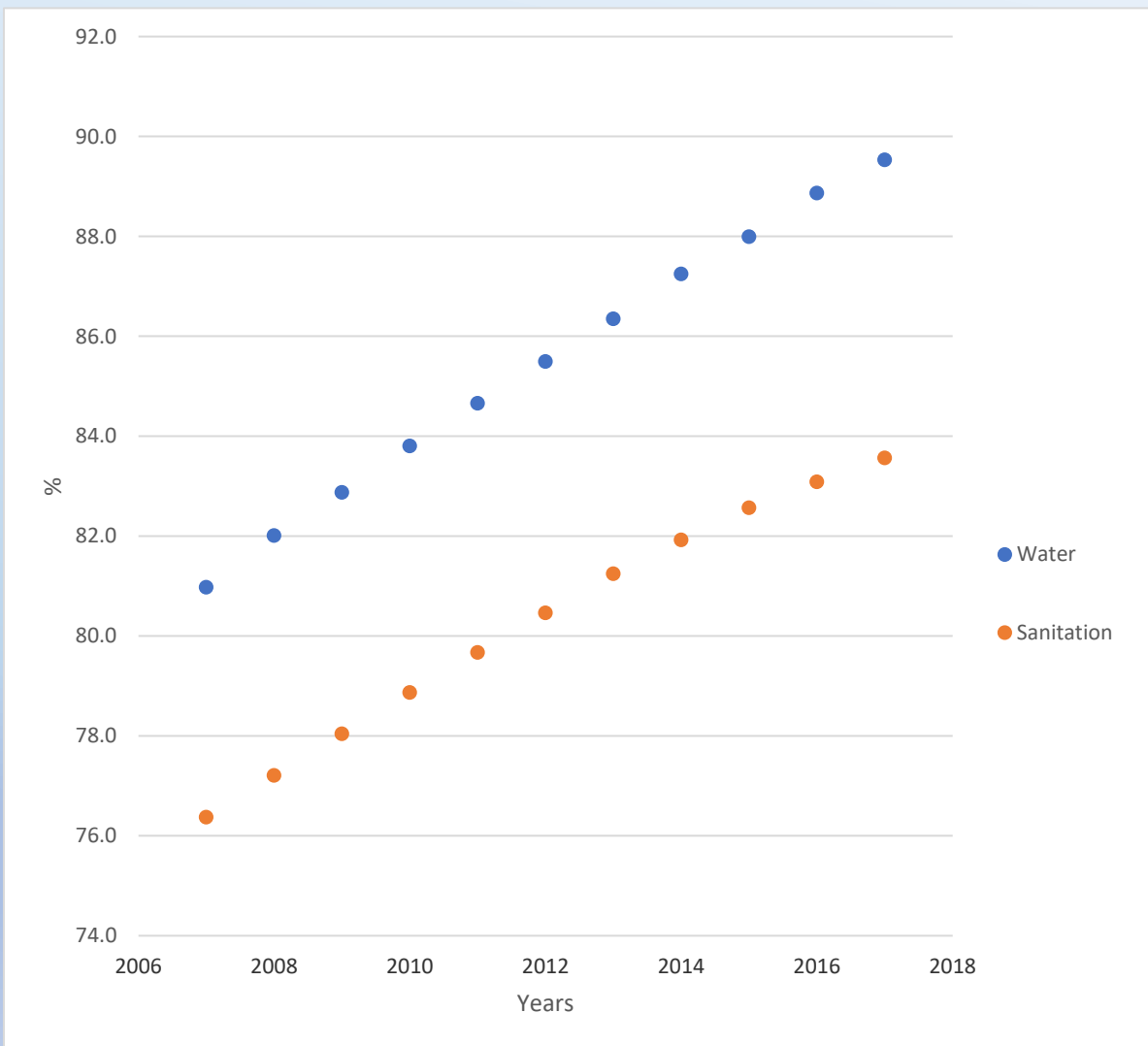
- Access to water is a key **human right**
- Water is a **key ingredient** of individual, household and economic development
- Access to water, food and sanitation are most important **development aspects** in Central Asia (even before COVID-19)
- **Efficient response policies to COVID-19 outbreak include water strong water component**

Water, Sanitation and Hygiene in CAREC Region



Source: ADB. 2018

Water, Sanitation and Hygiene in CAREC Region



- CAREC region's **water security (household) performance areas to focus:**
 - 3 countries out of 11 are having very **low water security**
 - Concerned areas are financing of the water sector, enabling environment
- **Access to drinking** water in CAREC countries range from 50% up to 95%, at least 8 countries population having > 80% access to clean water
- **Sanitation services range** from 40% to 80%, most of the population having 80-90% access to the sanitation
- Last decade, CAREC countries achieved **considerable progress** on water and sanitation

Water, Sanitation and Hygiene in CAREC Region



- **Urban vs. rural gap:** water supply and sanitation services differ greatly
- **Drinking water vs. sanitary services:** National governments are having special drinking water programmes in every CAREC country, however sanitation improvement programmes are rare
- **Data quality:** data/statistics on drinking water and sanitation is not well structured
- **Control on quality of services:** quality of services are irregularly controlled/monitored

Project Objectives



- **Compare policies and practices between** China and selected CAREC countries on access to safe drinking water: efficient water application and treatment
- Develop **feasible modalities of the selection mechanisms to support/strengthen community-based water schemes** and application of just and equal distribution of drinking water and sanitary services in rural areas of the targeted countries
- Enhance **South-South knowledge sharing and application of efficiency technologies** for local water management, access to safe water, sanitation and hygiene;
- **Conduct case studies** on WASH supply chain and investment cases for sustainable water management solutions to benefit local communities.

Project Plan



01

INITIATE THE PROJECT

Approval of Concept note

Decide a project management process

Development and approval ToR's for international and national consultants

02

Recruiting and engaging consultants

Announcing call for experts

Selecting international and national consultants

Notify and sign contracts, arrange introduction meeting with consultants

03

WORK THE PROJECT

Implementation kick start: International consultant prepares work plan

Presentation and discussions, approval of Work plan

Start of the implementation of Work Plan in coordination with project team

04

TRACK AND RE-PLAN THE PROJECT

Regular bi-weekly update meetings: Project team _ consultants

Monthly reports by international + national consultants

Running and filling of project Data Base

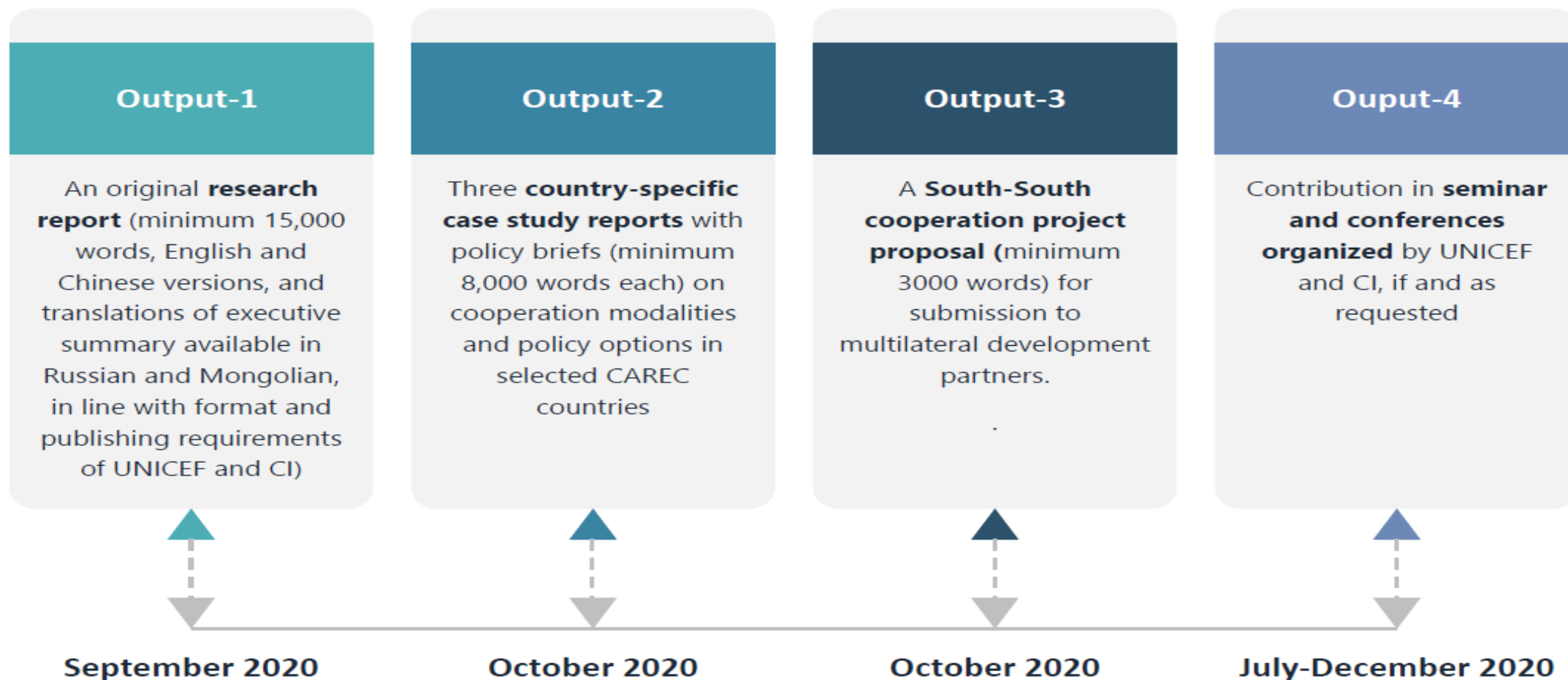
05

CLOSE THE PROJECT

Final report + review+ final workshop

CN for new phase

Project Plan



- **Cooperation and knowledge production platform of well-known international institutions**
- **The results of the joint research will be shared with key shareholders**
- **Advocacy plan for promotion of the policy recommendations**
- **Proposal for ADB and any other development partners**

Project Methodology



- **Methodology:** Desk study/review, data collection, expert interviews
- **Project team:** experts from UNICEF, CAREC Institute, international expert and 4 national experts-
- **Focus:** WASH systems in four countries: China, Mongolia, Tajikistan, and Uzbekistan.
- **Country selection:**
 - China- best cases, Mongolia- harsh climate- O&M of WASH infrastructure, Tajikistan- upper high location, mountains and Uzbekistan- high rural populations, impact of large scale irrigation
- **WASH Challenges:** growing population, growing inequalities in water supply and sanitation between urban and rural areas, lack of human capacity for operation and maintenance of WASH systems, low level of tariffs, low service fee collection rates, etc.

- **Main objective:** Sharing preliminary results of the research
- **Specifically:**
 1. **Preliminary findings** of the project, regional and country analysis (WASH in China, Mongolia, Tajikistan, and Uzbekistan)
 2. Presentation of the “**best practices**” from each above listed country
 3. **Regional synthesis** of WASH, elaboration of the potential regional synergies, similarities and knowledge, know-how and technology transfer options
 4. Feedback and comments from **development partners** (ADB, WB, AIIB and others)-project portfolio on WASH infrastructure development in CAREC region
 5. Feedback and comments of **researchers, policy makers and practitioners** from CAREC countries
 6. **Review/update research plan**, based on dialogue and discussions during the webinar



Development of the sustainable water and sanitation systems in CAREC region

Thank you!