

Climate Technology Centre and Network (CTCN) Technical Assistance

2nd PSC Meeting Report

"Pre-feasibility for groundwater desalination
and resource recovery in Uzbekistan"

17 June 2026

Tashkent, Uzbekistan

1. General Information

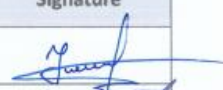
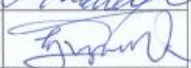
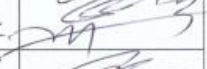
- **Project Title:**
Pre-feasibility study for groundwater desalination and resource recovery in Uzbekistan
- **CTCN Reference Number:**
CTCN 25-011
- **Date & Time:**
17/06/2026, 11:00 – 13:00(local time)
- **Venue/Mode:**
HYDROENGEO meeting room (Hybrid: In-person and online)
- **Secretariat:**
CTCN and Korea Institute of Industrial Technology (KITECH)

Time	Event / Agenda	Remarks
11:00 – 11:05	Opening & Welcome Remarks	
11:05 – 11:10	Introduction of Participants	
11:10 – 11:15	Meeting Agenda and Procedures	
11:15 – 11:40	Project Progress Update and Future Work Plan	
11:40 – 11:55	Introduction of Consulting Agent and Work Plan - Scope of Work / Expert Mobilization Plan, etc	
11:55 – 12:25	Key Decisions for PSC Approval Agenda 1. Approval of Demonstration Site Selection Agenda 2. Approval of Service Contract Implementation Plan Agenda 3. Approval of Capacity Building and Training Plan	
12:25 – 12:40	Questions and Discussion	
12:40 – 12:50	Confirmation of Decisions and Action Items	
12:50 – 13:00	Any Other Business (AOB) and Closing Remarks	

2. Participants

List of 2nd PSC Meeting Participants

2026. 06. 17 (Wed) / HYDROENGE0

No	Affiliation	Position	Name	Signature
1	University of Geological Sciences	Chief specialist	Melibaev Jasur	
2	Institute Hydroengeo	Director.	Biruzzaev	
3	Ministry of Education	Specialist. professor	Kutbarova	(online)
4	Uzbekhydrogeology state establishment	Head of economy department	Muratova Kamola	
5	E-KEP	~~Kyungwon Na~~ CTO	Kyungwon Na	
6	NEKKON	Director	Young Jeong	
7	KITECH	Head of group	Ryu, Youngbok	
8	KITECH	Head of center	Kang, Kyung Chen	
9	CTCN	Coordination officer	Suil Kang	(online)
10	CTCN	Specialist	Hoyoung Jo	(online)
11	COMMUNICATION	SOCIAL. ECONOMIC EXPERT	OLEG TYAN	
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3. Objectives of the PSC Meeting

- To review the progress of project implementation since the first PSC meeting.
- To present the outcomes of the field mission, technical training, and stakeholder consultations.
- To discuss the status of the national consulting service and upcoming project activities.
- To obtain strategic guidance on the pilot plant design, feasibility assessment, and future implementation plan.

4. Summary of Key Discussions

- The PSC reviewed the overall progress of the project since the first PSC meeting. The major activities and progress to date, including the field investigation, collection of baseline groundwater information, and stakeholder consultations, were presented. The PSC also discussed the implementation status of each project output and the planned activities for the remaining project period.
- Based on the information collected and technical reviews conducted to date, the PSC discussed the preliminary design direction of the pilot system and the approach for the upcoming feasibility assessment. The PSC emphasized the importance of considering their technical suitability and future scalability potential, which will provide a basis for defining the appropriate design scope and configuration of the pilot system.
- Regarding the engagement and management of national experts, the PSC was informed that the implementation arrangements had been adjusted to enhance administrative efficiency and facilitate effective coordination of expert activities. The PSC agreed on the importance of maintaining effective management and close collaboration among participating

organizations to ensure successful delivery of project outputs under the revised arrangement.

- In addition, the PSC discussed future capacity-building activities and knowledge-sharing initiatives, including technical training for local stakeholders and the planned study visit to the Republic of Korea. The PSC recognized that these activities will contribute to strengthening local technical capacity, promoting knowledge transfer, and supporting the long-term sustainability of the project outcomes.

4.1 Progress of Project Implementation

- KITECH presented the overall progress of the project against each project output, including the completion of the field mission, collection of baseline groundwater information, and stakeholder consultations.
- Based on the information collected and findings from the field mission, the implementation status and key outcomes achieved to date were shared, together with the overall direction of the remaining project activities.
- The PSC acknowledged that, despite minor adjustments to the implementation schedule, the project has been progressing generally in accordance with the planned work programme.

4.2 National Expert Engagement and Implementation Arrangements

- The PSC reviewed the status of national expert engagement and the implementation arrangements for supporting project activities.
- To enhance administrative efficiency and ensure effective project management, the implementation arrangements for engaging national experts were refined. Under the revised arrangement, the activities and deliverables of individual experts will be managed directly within the

project management framework while maintaining close coordination among all participating organizations.

- The PSC noted that the revised arrangement would facilitate timely implementation of project activities while ensuring transparency, accountability, and effective technical contributions from the national experts.

4.3 Preliminary Pilot System Design and Feasibility Assessment

- KITECH introduced the preliminary design concept of the pilot system based on the findings of the field investigation, available groundwater information, and previous technical experience.
- The discussion covered the overall pilot system concept, encompassing not only groundwater desalination but also the proposed resource recovery processes as an integrated system.
- The PSC discussed the importance of identifying sites with high technical and economic potential in order to establish an appropriate design basis, including the treatment capacity and operational scope of the pilot system.
- It was agreed that the pilot system design would be further refined as site-specific information becomes available through subsequent technical and feasibility assessments.

4.4 Capacity Building and Stakeholder Engagement

- The PSC discussed the upcoming capacity-building activities planned under the project, including the planned technical training for local stakeholders and the potential study visit to the Republic of Korea.
- It was emphasized that these activities will play an important role in strengthening local technical capacity, facilitating knowledge exchange, and enhancing stakeholders' understanding of the proposed technology.

- The PSC also highlighted the importance of continuous stakeholder engagement throughout the project to promote effective collaboration, encourage local ownership, and support the long-term sustainability of the project outcomes.

4.5 Project Schedule and Next Steps

- The PSC reviewed the updated implementation schedule and the key milestones for the remaining project period.
- Upcoming activities include the selection of priority sites with high implementation potential, refinement of the pilot system design, completion of the technical, economic, environmental, and social assessments, preparation of the scale-up project concept note, and submission of the final project deliverables.
- The PSC also noted that technical training for local stakeholders and the planned study visit to the Republic of Korea will contribute to strengthening local technical capacity and promoting the long-term sustainability of the proposed technology.
- The committee emphasized the importance of maintaining close coordination among all participating organizations to ensure the successful completion of the project within the revised implementation schedule.

5. Gallery

