Please enter activities and deliverables in line with the Response plan
Indicate expected timeline

Project title: Pre-feasibility study for groundwater desalination and resource recovery in Uzbekistan
Implementing partner: Korea Institute of Industiral Technology (KITECH)

Activities		Deliverables		Timeline									
#	Description	Description	Delivery date (DD/MM/YYYY)	1	2	3	4	5	6	7	8	9	10
1	**Review of applicable desalination and resource recovery technologies in Uzbekistan**	**Report of applicable desalination and resource recovery technology in Uzbekistan**	**07/03/2026**										
1.1	*Technology status and capacity assessment in Uzbekistan*	Summary of global technology review and best practices											
1.2	*Local survey in Uzbekistan (Groundwater characteristics)*	Site visit and raw water sampling report including test results											
1.3	*Desalination and resource recovery testing*	Technology screening matrix with environmental and economic evalution											
1.4	*Assessment of local applicability based on test results*	Final assessment report with technology recommendations and site selection rationals											
2	**Design of pilot system for groundwater desalination and resource recovery**	**Pilot System Design Report (for groudwater desalination and resource recovery in Uzbekistan**	**07/07/2026**										
2.1	*System design review based on sample and test results*	Pilot process flow configuration summary based on test results											
2.2	*Conceptual design of process flow and site-specific layout*	Conceptual process flow diagram (PFD) and site-specific layout											
2.3	*Pilot scale optimization based on CAPEX and OPEX analysis*	Technical memo on CAPEX/OPEX and sizing analysis											
2.4	*Preparation of basic engineering documents for pilot construction*	Basic engineering design package including specifications and drawings											
3	**Feasibility assessment of the pilot system and Scale-up project concept note**	**Feasibility Assessment Report for the Groundwater Desalination and Resource Recovery Pilot System**	**07/09/2026**										
3.1	*Technical evaluation*	Technical Evaluation Materials											
3.2	*Socioeconomic evaluation (Including gender considerations)*	Socioeconomic Evaluation Materials, Gender analysis report											
3.3	*Environmental evaluation*	Environmental Evaluation Materials											
3.4	*Scale-up project concept note*	Scale-up project concept note with the package of supporting documents, as applicable											
4	**Technical training and stakeholder exchange on groundwater treatment and resource recovery**		**07/09/2026**										
4.1	*Steering committee formation and meetings (Twice)*	List of steering committee members, Minutes of the steering committee meeting											
4.2	*Stakeholder training and technical workshops*	Updated stakeholders list, introductory training materials(Gas hydrate, Mineral carbonation), Technical Training Materials (Practice-Oriented, Based on Pilot Design)											
4.3	*Final report and result dissemination*	Final Report and Presentation											