

Global Knowledge Sharing by K-water Academy

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K-water Academy Overview

- A hub for practical training and knowledge sharing across the water sector



K-water Academy Overview

Flagship Program

- Water Loss Reduction
- Water Supply Utilities Management
- Integrated Water Resources Management
- Smart Water Management
- Water Quality Analysis
- Groundwater Management
- Renewable Energy Management

Tailor-made Training



Training needs assessment

* Subjects/Targets

Sectorial experts
in both, theory and practices



Self-lead and Hands-on Courses

* Action Plan, Project Concept Paper, etc.

Cultural experiences &
After-hours programs



Consultation & Technical Assistance

Dispatch K-water expert teams to fields &
Evaluate and advise local facility O&M, etc.

Training of Trainers (TOT),
Policy, Roadmap, and Basic-concept for
the **Self-running Capacity Building System**

Exchange visits and
Workshops for **Knowledge-driven Solutions**

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■ Case Example 1: Client Self-running Capacity Building Support

- Title : Uzbekistan, Capacity Building & Water Academy
- Term & Budget : 2022.6 – 2024.5 // US\$233K
- Partner : Uzsuvtaminot JSC (State-owned Company for nation-wide WSS services)

**Support the establishment of Water Academy
for Uzbekistan: Basic Concept Report**

Consultation on Required Training Modules

Invitational / Online Programs

- Training of Trainers(TOT)
- Study Visit for Decision Makers

**Introduction of
Professional Certification for Operators &
Networking Strategy with Other Education
Organizations**

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■ Case Example 2: Knowledge-driven Solution Support

- Title : Knowledge Exchange Visit for Lake-wide Water Quality Improvement in Lake Victoria Basin
- Term : May 30 – June 2, 2023
- Partner : East Africa Community – Lake Victoria Basin Commission

| Topic | Lecture | Study Visit / Workshop |
|---|--|---|
| 1. Regulatory framework and service efficiency improvement | <ul style="list-style-type: none"> ▪ Korea's Water and Sanitation Sector Regulatory System and Policies | <ul style="list-style-type: none"> ▪ Country Report Session ▪ Workshops with K-water Experts |
| 2. Infrastructure related sewage treatment and water reuse | <ul style="list-style-type: none"> ▪ Wastewater Treatment Process and Water Reuse | <ul style="list-style-type: none"> ▪ Asan New City Sewage Treatment & Reuse Center |
| 3. Institutional setup for lake water quality management and how to manage different drivers of pollution | <ul style="list-style-type: none"> ▪ Korea's Lake Water Quality and Pollution Driver Management | <ul style="list-style-type: none"> ▪ Korea Environmental Corporation ▪ Chenggyecheon Museum (Relating to "Chenggye Stream Restoration Project") |
| 4. Public sector promotional programs for start-ups | <ul style="list-style-type: none"> ▪ K-water's Incubation Program for Water and Sanitation Sector Small and Medium Enterprises (SMEs) | <ul style="list-style-type: none"> ▪ Workshop with SMEs Representatives |
| 5. Climate finance | - | <ul style="list-style-type: none"> ▪ Workshop with Green Climate Fund experts |

Collaboration with KGGTF

- ✓ **Comprehensive courses for real-world issues**
- ✓ **Engagement of Diverse Players and Consolidation of Sectors**



Workshop (K-EXIM)



Korea WSS SMEs



Study visit (KECO)



Workshop (GCF)

Future Steps

- ✓ Support for **Self-sustaining Capacity Building**
 - **Private Sector Engagement**
 - **Reciprocal** - Knowledge, Experience, and Cultural **Exchange**



Thank you / Shukran / 감사합니다.

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