Global Knowledge Sharing by K-water Academy

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K-water Academy (K-water HRD Institute)
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
K-water Academy – KGGTF Cooperation

- 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
### 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

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<thead>
<tr>
<th>Topic</th>
<th>Lecture</th>
<th>Study Visit / Workshop</th>
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<tr>
<td>1. Regulatory framework and service efficiency improvement</td>
<td>• Korea’s Water and Sanitation Sector Regulatory System and Policies</td>
<td>• Country Report Session</td>
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<td></td>
<td>• Wastewater Treatment Process and Water Reuse</td>
<td>• Workshops with K-water Experts</td>
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<td>2. Infrastructure related sewage treatment and water reuse</td>
<td>• Korea’s Lake Water Quality and Pollution Driver Management</td>
<td>• Asan New City Sewage Treatment &amp; Reuse Center</td>
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<td>3. Institutional setup for lake water quality management and how to manage different drivers of pollution</td>
<td>• K-water’s Incubation Program for Water and Sanitation Sector Small and Medium Enterprises (SMEs)</td>
<td>• Korea Environmental Corporation</td>
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<td>• Chenggyecheon Museum (Relating to “Chenggye Stream Restoration Project”)</td>
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<td>4. Public sector promotional programs for start-ups</td>
<td>• K-water’s Incubation Program for Water and Sanitation Sector Small and Medium Enterprises (SMEs)</td>
<td>• Workshop with SMEs Representatives</td>
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<td>5. Climate finance</td>
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<td>• Workshop with Green Climate Fund experts</td>
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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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