

World Class Water Services Company

Korea Water Resources Cooperation (KOWACO)

2005. 11

물, 자연 그리고 사람

한국수자원공사

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History of KOWACO

Water, Nature and People

Initial Stage
(1967-1974)

Korea Water Resources Development Corporation

- Water Resources Investigation
- Dam Construction & Management

Takeoff Stage
(1974-1988)

Industrial Sites and Water Resources Development Corporation

- Water Resources Investigation
- Construction & Management of Dams
- Land Development

Growth Stage
(1988-Present)

Korea Water Resources Corporation

- Water Resources Investigation
- Dam Construction & Management
- Land Development
- Water Supply & Waste Water Treatment

KOWACO

Facilities Location

Water, Nature and People

❖ Operating Facilities

- 14 Multipurpose Dams: 4.4B m³/yr
- 27 Water Supply Systems: 2.8B m³/yr

❖ Human Resources

- 3,900 employees highly dedicated and specialized in various water-related fields



Business Areas

Water, Nature and People



➢ Water Resources and River Basin Management

- Management of Multipurpose dams (25)
- Construction of new dams (12)



➢ Water supply services

- Management of Water supply facilities (27)
- Construction (17)



➢ National Industrial Complex

- Developed 13 Industrial complexes including Gumi, Changwon etc.
- Development of Shihwa Multi-techno Valley

KOWACO

Business Areas

Water, Nature and People



➤ Research and Development

- R&D in water-related areas for KOWACO and the country
- High quality drinking water service by securing internationally recognized analytical expertise



➤ Education

- Education service for KOWACO and government employees
- Training for International Experts



➤ Oversees Services

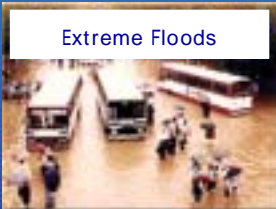
- Technical Supports for developing countries
 - Water resources
 - Water works

KOWACO

New Paradigm in Water Management

○ Challenges in water management

Extreme Floods



Severe Draught



Worsening Water Pollution

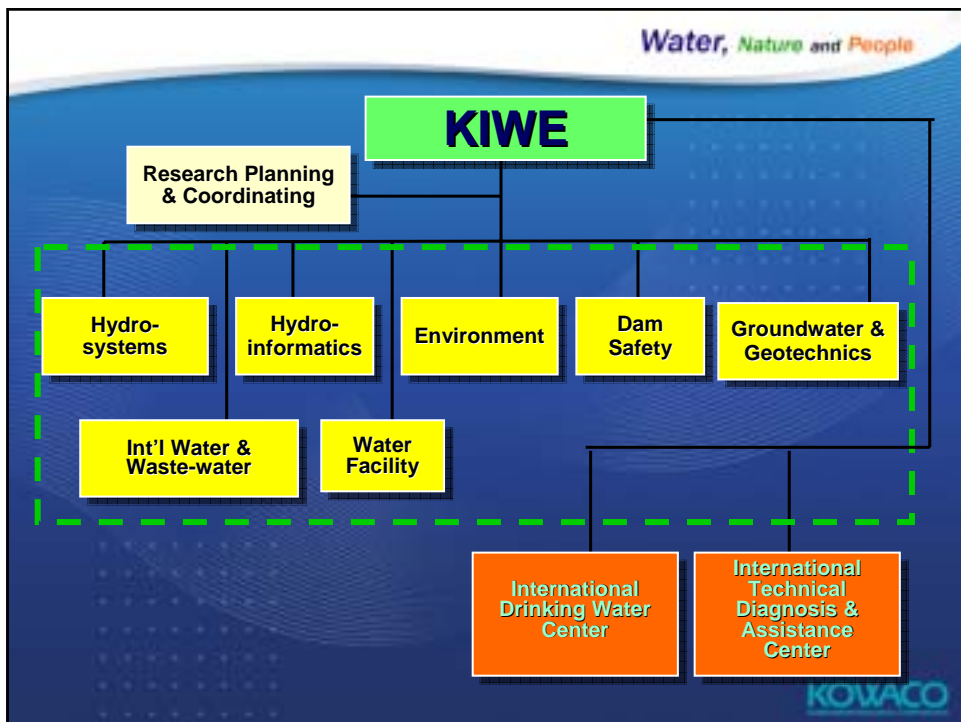


Requiring New Paradigm in Water Management
“Water Resources with Water, Nature and People”
through IWRM

KOWACO

Korea Institute of Water and Environment

Center for Research and Development



- Main Tasks

- Research and development
- Technical support for field operation
- Technical support and diagnosis of water works
- International service for drinking water analysis

- Human Resources

	<i>Doctor</i>	<i>Master</i>	<i>P.E.</i>	<i>Others</i>
<i>Total</i>	74	103	10	70



KOWACO

Water Resources Academy

- To Be Global Top Class Academy
Specialized in Water and Environment
- To Foster Creative Competent Employees
Leading the Future of the 21st Century

Training Programs Offered by KWRA

➤ Training Programs :

- Water Resources Management, Dam Planning and Construction, IWRM and Hydroinformatics, Dam and Reservoir Operation, Groundwater Management, Drinking Water Management , Waterworks System Design, Drinking Water Treatment

➤ Training for the Staff of KOWACO, Government and Private Companies

➤ Training for International Customers (since 1997)

- Over 300 Trainees from 45 countries

Facilities

- Classrooms: 7 (288)
- Library
- Study Rooms
- Auditorium: 1 (306)
- Dormitory: 66 rooms
- Cafeteria: 1 (150)
- Fitness Facilities



Thank you!

