



The 7th World Water Forum

12-17 April 2015, Daegu-Gyeongbuk, KOREA



Session 4.5.3 :

“Ensuring sustainability of water infrastructures by investing in Water Training Centers: it pays back!”

Wednesday 15 April, 14h40-16h40

Daegu EXCO, DEC_307, DAEGU - EXCO, 3F Room 321

Creation and sustainability of professional water training centers

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Developing Water Training Programs in Korea

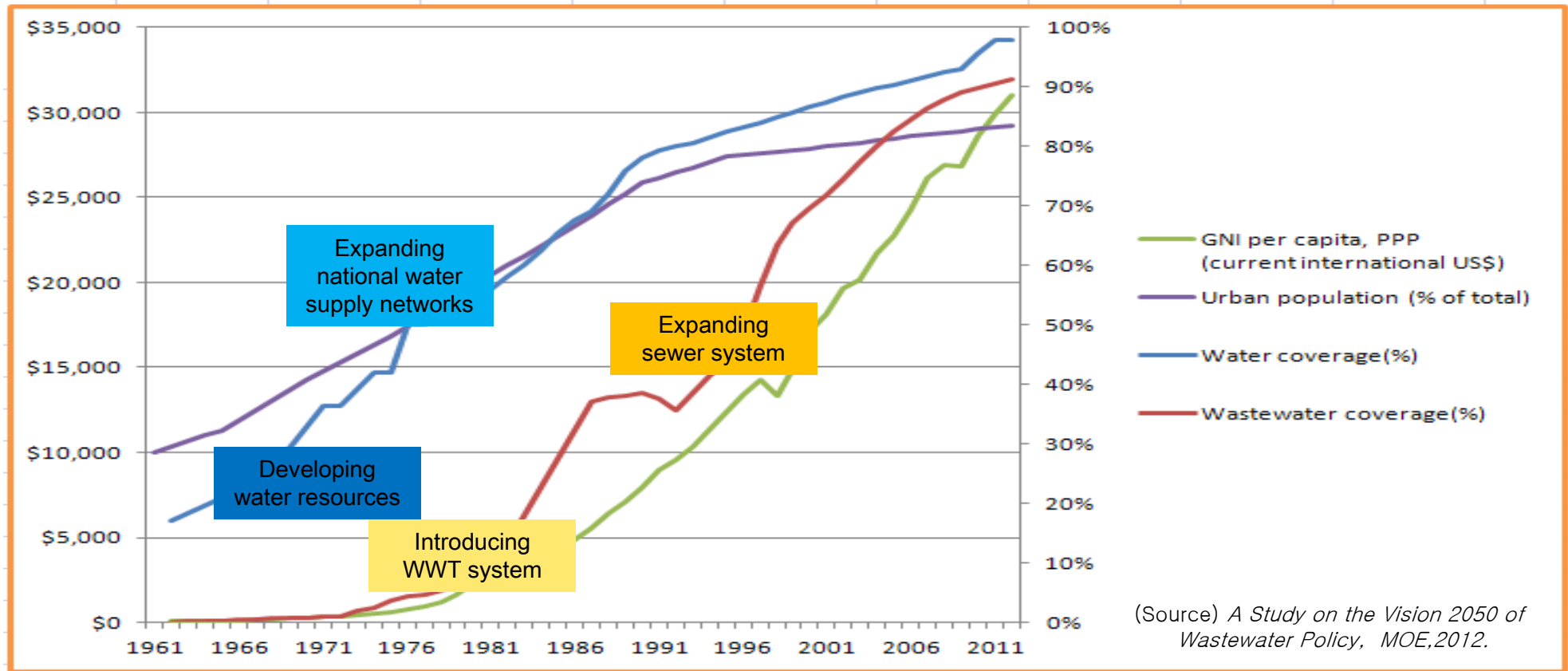


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❖ Korea's Water Sector Achievements



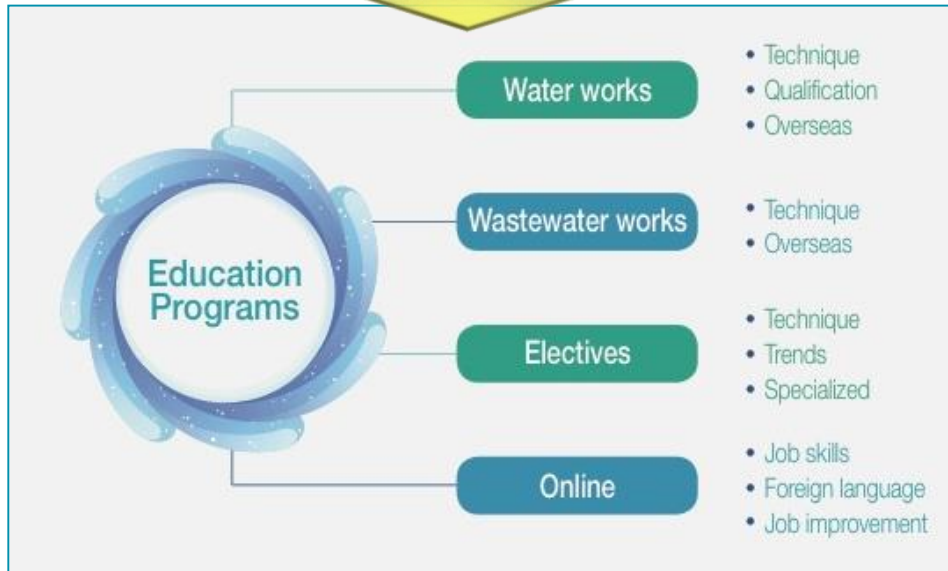
- GNI per capita: US\$85 (1961) → US\$26,204 (2012)
- Water supply coverage: from 17% (1961) to 98% (2012)
- Wastewater services coverage: from 2% (1961) to 92% (2012)
- Proper accounting of all costs and revenues of the sector since early reform



- (Key Success Factors)**
- Government-initiated financial investment
 - Importance of investing in human resource development to foster national economic growth

❖ “KWWA Water Education Institute”

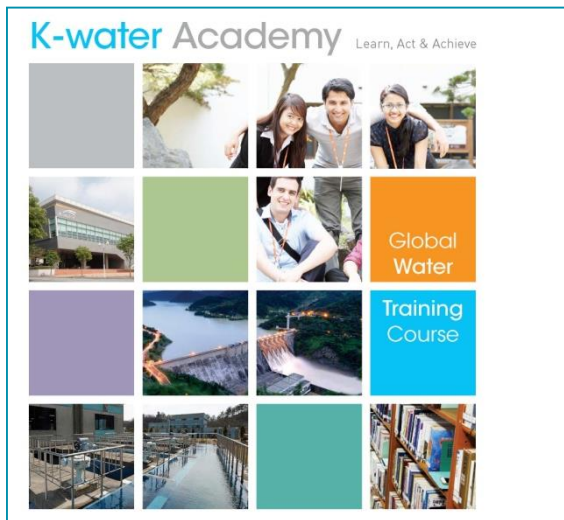
• Korea Water and Wastewater Association (KWWA)



- **Statutory and Mandatory Employee Training Programs (by Acts)**
 - 11 courses on water works and 8 on wastewater works
- **Perspective Professionals Course**
 - **Project Manager(PM) training course (Ministry of Environment)**
 - **Industrial environment course for the nation's infrastructure and strategic industries (Ministry of Employment and Labor)**
- **Others**
 - Education commissioned by Seoul Metropolitan Government
 - Train overseas water-related government officials
 - Offer training consultations to developing countries
 - Enhance working ability

❖ “ K-water Academy ”

- Training programs for government officials, private corporate employees, and foreigners
- Practically on-site facilities and laboratory equipment, and utility-based education
- Global Partnerships : ADB, IWA, USAID, KOICA



■ External and Internal Relationships (as of 2013.12)

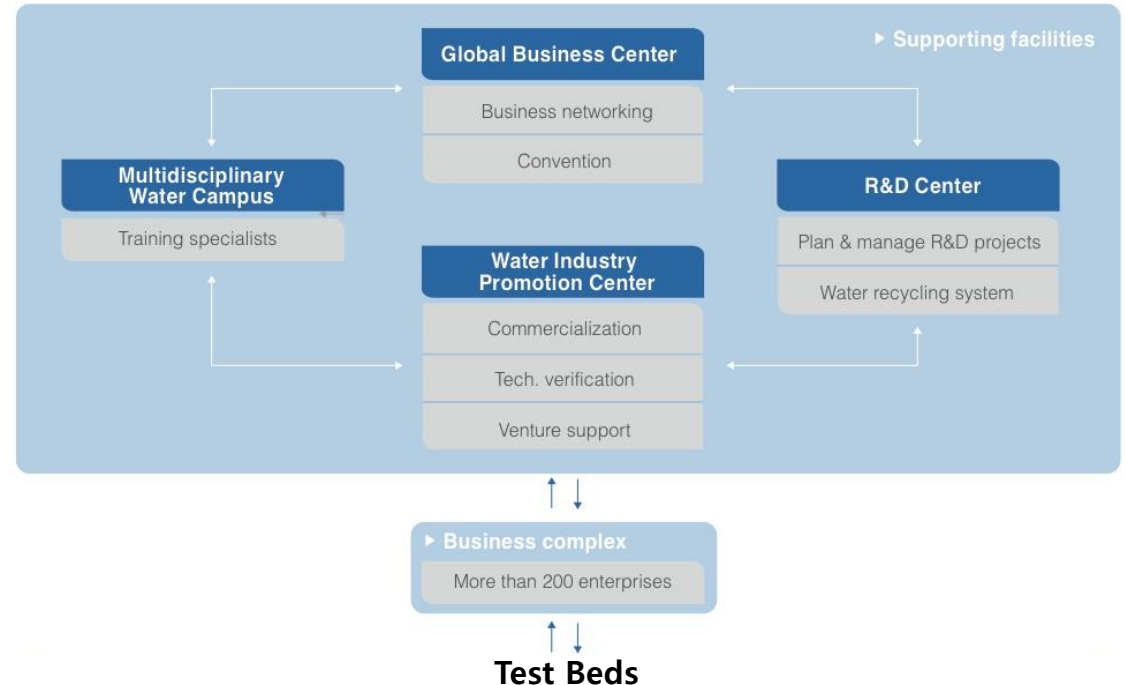
Year	'97~'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	Total
Course	16	9	14	11	18	20	18	23	22	27	178
People	265	125	147	115	182	205	200	223	299	299	73 countries 2,060 people

❖ “Development of National Water Industry Cluster”

• Creating a Water Industry Hub



▶ Structure of Water Industry Cluster

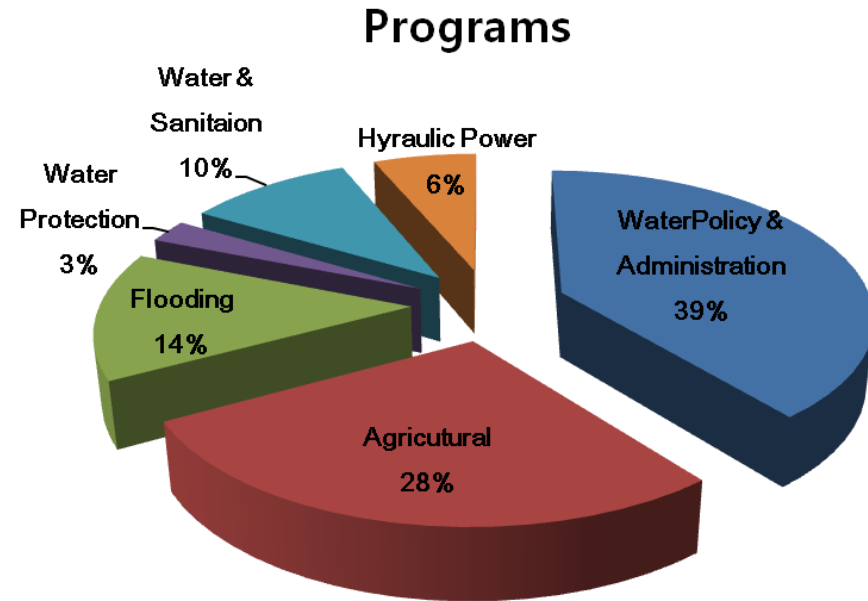


➤ Steady supply of manpower & robust industry-academic cooperation based on outstanding educational infrastructure

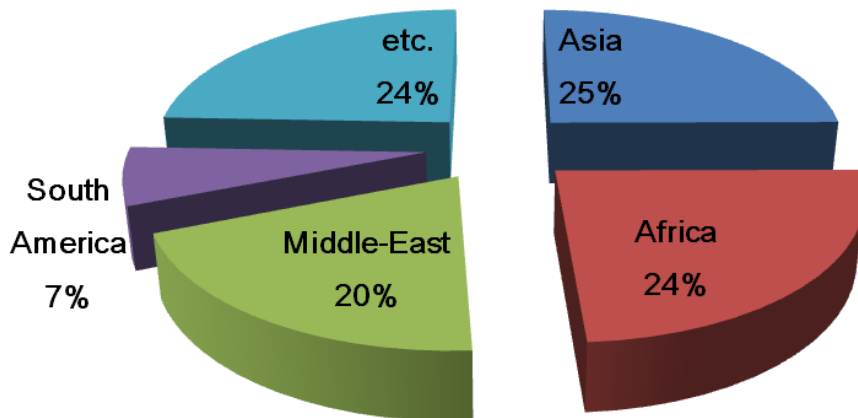
- Development of Industrial Manpower (Technician 24,000 ; High-quality manpower 27,000)
- Industry-Academic Cooperation (Universities, Company R&D center)
- Water expert DB & Water Industry Academy (KWWA)

❖ ODA Water Training Programs in Korea

▪ ODA Training of KOICA



Participants



Expert Survey Scores

