


Outline of JICA and its Assistance in the Water Supply Sector

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JICA's Mission Statement




Vision

Inclusive and Dynamic Development

Mission

- ① Addressing the global agenda
- ② Reducing poverty through equitable growth
- ③ Improving governance
- ④ Achieving human security



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UN Millennium Development Goals (MDGs)

MDG1: Eradicate extreme poverty and hunger
 MDG2: Achieve universal primary education
 MDG3: Promote gender equality and empower women
 MDG4: Reduce child mortality
 MDG5: Improve maternal health
 MDG6: Combat HIV/AIDS, malaria and other diseases



MDG7: Ensure environmental sustainability: Halve, by 2015, the proportion of the population without sustainable access to safe drinking water and basic sanitation

Access to safe drinking water and basic sanitation also contributes to other goals, such as education, gender equality, health, etc.

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Key issues and activity policy

Key Issues	Activity Policy
(1) Reliable water resources management based on real observation data	<ul style="list-style-type: none"> ◆ Formulating water resources management plans ◆ Enhancing observation systems ◆ Climate change adaptation
(2) Improvement of access to water supply in urban areas	<ul style="list-style-type: none"> ◆ Combining financial cooperation for facility construction and technical cooperation for capacity development ◆ Mobilizing private-sector funds
(3) Reduction of non-revenue water (NRW) and improvement of water/energy use efficiency	<ul style="list-style-type: none"> ◆ Renewal of pipelines through financial cooperation ◆ Water leakage prevention and tariff collection through technical cooperation
(4) Sustainable rural water supply	<ul style="list-style-type: none"> ◆ Combining the construction of water supply facilities and the strengthening of operation and maintenance systems ◆ Focus on Sub-Saharan Africa
(5) Promotion of Improved sanitation	<ul style="list-style-type: none"> ◆ Improving hygiene practices and increasing support to construct latrines using social marketing and other methods ◆ Focus on Sub-Saharan Africa
(6) Disaster prevention in water-related disasters	<ul style="list-style-type: none"> ◆ Integrating structural and non-structural measures that include land use planning, flood forecasting and warning systems, and hazard maps ◆ Support for community-based disaster management

JICA's approach for water sector

Water-related issues

- (1) Uneven **access to water** and lack of infrastructure
- (2) Increasing damage by **disasters** (flood and landslides)
- (3) Degrading water **environment** and water pollution
- (4) Unregulated **water resources** development

JICA's goals for the water sector

- (1) Safe and stable water supply
- (2) Flood management to protect lives and properties
- (3) Protection of sound water environment
- (4) Integrated water resources management (IWRM)

JICA's tools

Technical Cooperation	Institutional and human resources development
Financial Cooperation	Construction of facilities, Procurement of equipment
Private Sector Support	Financing and capacity development for PPP and BOP



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I. Assistance Approach

(1) Technical Cooperation

Capacity building for governmental institutes through dispatch of experts, acceptance of trainees, procurement of equipment, various surveys, etc.

(Example)

- ❑ **Technical Training in Japan** (e.g. Capacity Development in Waste Water Treatment Sector, Disaster Risk Management (planned))
- ❑ **Feasibility Studies** (e.g. Sewerage System improvement Project for Belgrade, Sewerage System improvement Project for Lake Ohrid)
- ❑ **Dispatch of Japanese expert** (e.g. Seminar on Sludge Utilization, Belgrade)



Technical training in Japan



Sludge seminar in Belgrade

I. Assistance Approach

(2) ODA Loan

- Interest rate: 0.01 – 1.70 %
- Repayment period: 15 – 40 yrs
- Concessional terms applied for environmental and climate change related projects

(Example)

- ❑ Sewerage system improvement (Albania/Tirana)
- ❑ Dam construction and river channel improvement (Macedonia/Zletovica)



Dam construction in Macedonia



Sewerage system improvement in Albania



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I. Assistance Approach

(3) Grant Aid

- Response to urgent demand
- Approx. 5 mil. to 20 mil. USD

(Example)

- ❑ Rehabilitation of water supply system (e.g. Belgrade, Podgorica, Skopje)
- ❑ Rehabilitation of Hydro Power Plant (e.g. Bajina Basta)

Grant Aid could be coordinated with Technical Cooperation to promote effective utilization of facilities and equipment.



Water distribution pumps in Belgrade



Rehabilitation of Hydro Power Plant in Bajina Basta



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