



Initiating Integrated Water Resources Planning in the Vu Gia Basin

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Snapshot

Project site	Vu Gia Basin, Viet Nam
Cost	US\$ 50,000
Status	Completed
Approval date	June 2005
Completion date	December 2006
Category	Basin
ADB officer	Pieter Smidt
Partner	Quang Nam People's Committee

Report card

Completed in December 2006, this PDA

- Helped establish the Committee for the Management and Control of Integrated Water Resources of the Vu Gia Basin through consultations and workshops with government, communities, and other stakeholders
- Helped the People's Committee of Quang Nam province to form a basin organization for the province and neighboring Da Nang City that would ensure the implementation of planned hydropower developments within an integrated water resources management (IWRM) framework
- Empowered provincial leadership in adopting integrated water resources management as they involved both government agencies and local community representatives
- Raised awareness on the benefits of IWRM within water-related agencies and river basin communities
- Linked institutional reforms implemented in the water resources sector at national level to the provincial and local levels

Read the [final report](#).

Description

The Vu Gia Basin faces these water resources concerns:

- Major expansion plans for approximately 1,200 MW hydropower in the Vu Gia-Thu Bon basins
- Highly sectoral approach to water resources planning, hydropower, irrigation, environment, etc.
- Interaction between operation of hydropower projects and downstream uses: fluctuating water levels, impacts on fish resources and agriculture, potential for flood management, salinity management and increased dry season irrigation in coastal areas
- Deteriorating water quality
- High incidence of poverty in upper basin and majority of population are ethnic minorities
- Institutional vacuum for river basin management
- Centralized and unsustainable approach to river basin organizations (RBOs) in Viet Nam
- Scope for benefits to all sectors through an integrated system approach
- Potential to introduce payments for environmental services under the new Forestry Law

This PDA helped established a Water Resources Review Committee for the Vu Gia Basin to promote IWRM. The project has received positive feedback from both the People's Committee of Quang Nam Province and ADB.

Expected outcomes

- Functional cross-sectoral committee for optimizing water resources management
- Recommended options for hydropower operation in the basin
- Raised awareness of the benefits of IWRM
- Initial steps towards RBO establishment (if deemed necessary)
- Recommendation addressing critical IWRM issues in the Vu Gia basin
- Provincial linkage to institutional reforms being implemented at national level in the water resources sector

Related

- [More on water and sanitation](#)
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- [Champion: Apichart Anukularmchai: Make IWRM a Reality](#)
- [Indonesia Pilot: Integrated Water Resources Management in Cimanuk River Basin](#)
- [Thailand Pilot: Integrated Water Resources Management in Yom River Basin](#)
- [Pilot and Demonstration Activities](#)
- [Final Report \(December 2006\)](#)
- [Interim Report \(April 2006\)](#)
- [Proposal \(May 2005\)](#)

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