

River health Assessment and Restoration: keys for success

4-7 December 2009, Brisbane, Australia

The case of Vu Gia-Thu Bon river basin in Vietnam

Presentation by:

Name: Nguyen Ngoc Dung

Designation: Vice director of Department of Natural Resource and Environment

Organization: Vu Gia-Thu Bon river basin

Introduction

- Hydropower development in river basin with 62 projects
- illegal mining (gold mining, sand mining ...)
- Industrial development
- Destroy forest

Conducted strategic environmental assessment

River health assessment and improvement issues

* River health:

- Intact river
- Benefit sharing

* Improvement issues:

- Stopped 5 hydropower projects
- Proposed 2 intact river need to protect with 8 programmes
- Established pilot benefit sharing project in the river basin

Ongoing/planned initiatives on river health assessment

- SEA on land use planning
- Protect intact river
- Develop the benefit sharing mechanism
- Climate change impact assessment
- Construct the planning on Climate change adaptation
- Establish natural preserve areas
- Promulgate the Coastal zone management strategy

Links between Assessment results and management outcomes

- * Stop 5 hydropower projects in the Song Thanh natural reserve
- * Develop the concept of intact river linking with the concept of minimum flow
- * Develop the pilot benefit sharing mechanism to apply for Vietnam

River health assessment and improvement: key for success in the Vu Gia-Thu Bon river basin

- * Assessment KFS: water right for stakeholders

- * Improvement KFS:

- Share benefit from water exploitation

- Apply the concept of minimum flow (intact river) on the whole basin

Expectations from IWC and it's network of clients and partners

- Develop new model for IWRM in river basin
- Develop more new concept
- Become a knowledge hub for the region
- Linkage network of river basins
- Research the models for river health measurement

Proposed collaboration with IWC and It's network of clients and partners

- Exchanging and sharing knowledge
- Training and capacity building
- Implementing the pilot projects in Vu Gia-Thu Bon river basin
- Develop the strategic on collaboration between IWC and Quangnam PPC (Vu Gia-Thu Bon river basin)