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PILOT PROJECT « DONG NAI »
Technical support for the implementation of Integrated Resources Management in Vietnam
CONTENT

- PROJECT INFORMATION
- RESULTS
- CONCLUSIONS
PROJECT INFORMATION

• The French Water Agencies (Loire-Brittany & Seine-Normandy Water Agencies) and the French Ministry of Economy, Finance and Employment provided a non-refundable grant to deliver a Technical support for the implementation of an Integrated Water Resources Management policy in Vietnam.

• The Dong Nai river basin has been selected by the Vietnamese part as a pilot basin

• Department of Water Resources Management (DWRM) under Ministry of Natural Resources and Environment (MONRE) is the partner.

• The Project will be executed by IOW, SCE and ASCONIT.
PROJECT INFORMATION

STUDY AREA

• Dong Nai river basin has an area of 49.650 km², consisting of 11 provinces and cities.
• There are 22 sub-basins, of which Dong Nai, Sai Gon, Be, La Nga, Vam Co Dong and Vam Co Tay are main sub-basins and there are 12 coastal sub-basins
PROJECT INFORMATION

OBJECTIVES

1. Institutional strengthening in the field of Integrated Water Resources Management
2. Technology and know-how transfer for the development of water resources and water pollution control
3. Capacity building for awareness on water resources conservation
PROJECT INFORMATION

PROJECT COMPONENTS

1. General coordination and project promotion

2. Institutional support and training for water resources management planning and coordination at national level

3. Setting up a water information system

4. Support for water resources monitoring

5. Development of a water resources management plan for the Dong Nai Basin
PROJECT’S RESULTS

1. Institutional Support

• The training of the Vietnamese institutions and stakeholders for IWRM, and especially the DWRM-MONRE, coordinator of the IWRM process
• A support for IWRM planning in the Dong Nai Basin
• The composition of the Basin Committee has been drafted, in order to have a better decision process for developing the River Basin Management Plan.
PROJECT’S RESULTS

2. Setting up a water information system

• Catalogue of data sources
PROJECT’S RESULTS

2. Setting up a water information system

• Built up a website www.aquacoope.org/vietnam/, introducing list of data on water resources of river basis in Vietnam. The list helps to easily find existing data from different institutes and organisations.
PROJECT’S RESULTS

2. Setting up a water information system

General vision for the organization of water information systems in VN
PROJECT’S RESULTS

3. Support for water resources monitoring

- Assessment of existing monitoring network in the whole Dongnai river basin
3. Support for water resources monitoring

- Propose a program for monitoring in Dongnai river
3. Support for water resources monitoring

- Plan for implementation of the monitoring program in Dongnai river basin
- Proposed activities
4. Development of a water resources management plan

a. Existing status: Characterise Dongnai river basin
b. Diagnostic major issues in water resources at provincial level.
c. Development scenarios: assessment on satisfaction of water users under different assumptions
d. Strategy- Priority actions: formulation of management plan and proposal of priority action plan
4. Development of a water resources management plan

a. Description of existing status

- Data collection, processing and analysis
- Reports on existing status of water resources

- Natural conditions
- Water resources characteristics
- Natural risks
- Activities may cause water resources depletion
### PROJECT’S RESULTS

#### 4. Development of a water resources management plan

**b. Diagnostic**

<table>
<thead>
<tr>
<th>Main issues</th>
<th>Topic</th>
<th>Locate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water quality</td>
<td>Domestic waste water</td>
<td>Downstream of Sai Gon, Dong Nai river (HCM, Binh Duong…).</td>
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<tr>
<td></td>
<td>Industrial waste water</td>
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<tr>
<td></td>
<td>Agricultural waste water</td>
<td></td>
</tr>
<tr>
<td>Management of Water Resources quantity</td>
<td>Water resources demand, stored lake management</td>
<td>Downstream /coastal provinces ....</td>
</tr>
<tr>
<td>Flood</td>
<td>Forecast, prevent and protection</td>
<td>HCM city</td>
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<tr>
<td>Enviromental quality</td>
<td>Knowledge, impacted factors</td>
<td>Scattered every where</td>
</tr>
<tr>
<td>Management</td>
<td>Roles of actors/ Water resources management/ River basin comittee</td>
<td>On the whole study area</td>
</tr>
</tbody>
</table>
c. Strategy – Priority actions

- Set up Dong Nai basin committee for stakeholder’s consultation meetings on basin policy and a river basin committee office as a go between to organize the preparatory item to be submitted to the committee meetings
- Recommendation on the financial mechanisms to be developed to finance the main function of a RBMP and the program of measures in the different sectors
- Recommendation to refine the strategy used for the Dong Nai basin planning and in particular setting up a water information system and the monitoring program in Dongnai river basin
- Reinforce the sustainability of the results with the different water management actors
PROJECT’S RESULTS

4. Development of a water resources management plan

Consultancy

- Work with local partners
- Introduction of project results
CONCLUSION

• In Vietnam water resources was managed by different organisations at national and local levels and was based on administrative boundaries. It is a must to manage water resources based on river basin and there is a need to cooperate among involved actors.

• Through the Dong Nai river pilot project we learn how to development of water resources management plan for a river basin.

• The results of the project can be applied for other river basins in Vietnam.