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PILOT PROJECT « DONG NAI »

Technical support for the implementation of
Integrated Resources Management in Vietnam

CONTENT

- PROJECT INFORMATION
- RESULTS
- CONCLUSIONS

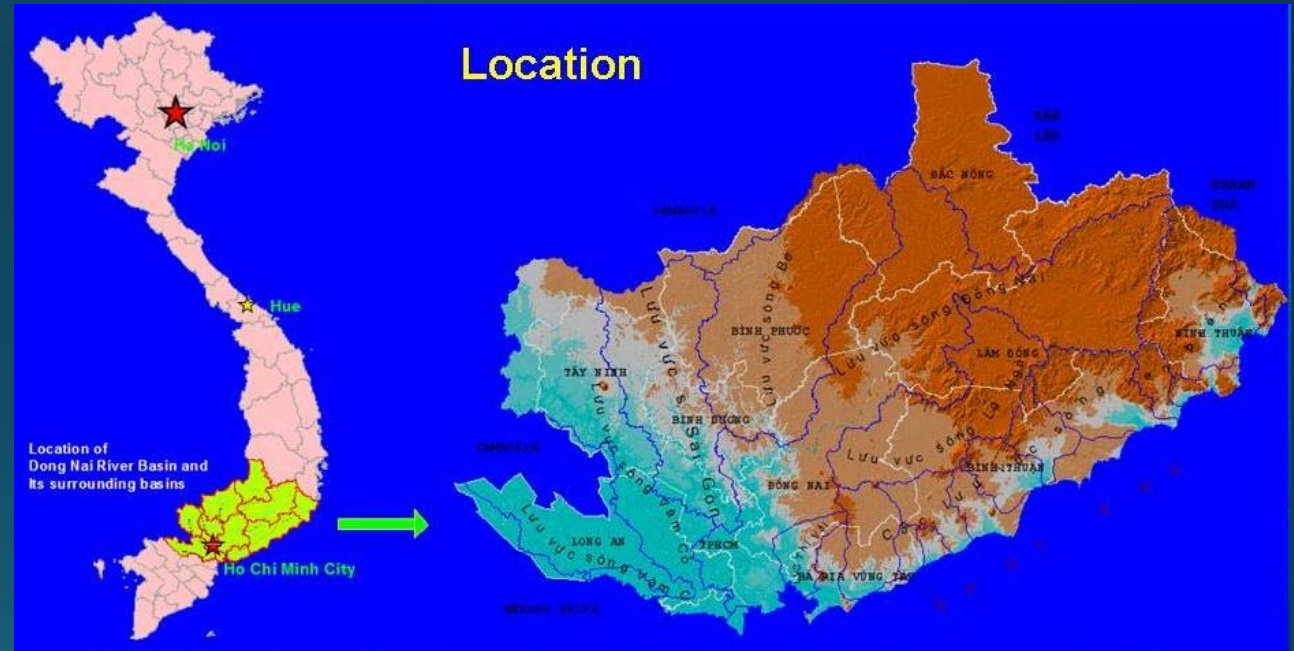
PROJECT INFORMATION

- 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

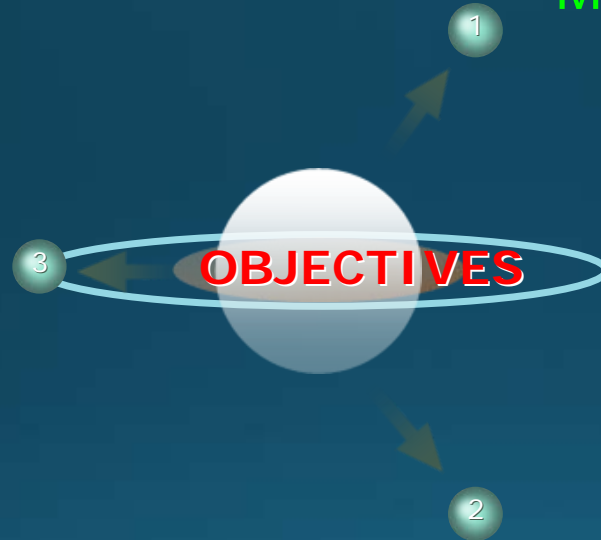
- Dong Nai river basin has an area of 49.650 km², consisting of 11 provinces and cities.
- There are 22 sub-basins, of which Dong Nai, Sai Gon, Be, La Nga, Vam Co Dong and Vam Co Tay are main sub-basins and there are 12 coastal sub-basin



PROJECT INFORMATION

OBJECTIVES

Capacity building for awareness on water resources conservation



Institutional strengthening in the field of Integrated Water Resources Management

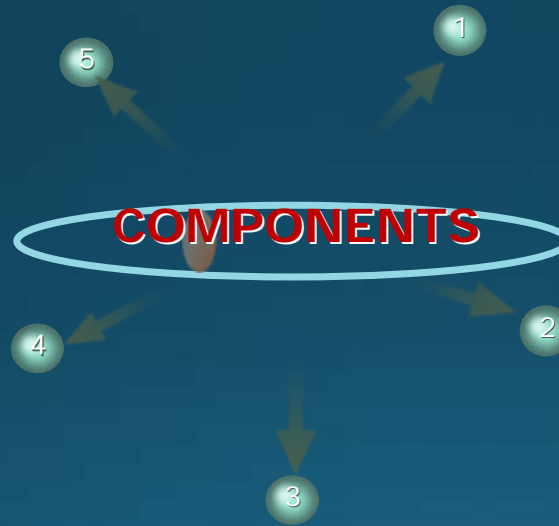
Technology and know-how transfer for the development of water resources and water pollution control

PROJECT INFORMATION

PROJECT COMPONENTS

5. Development of a water resources management plan for the Dong Nai Basin

4. Support for water resources monitoring



3. Setting up a water information system

1. General coordination and project promotion

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

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


Catalogue of Vietnam water data sources
Catalogue de sources de données sur l'eau au Vietnam

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English


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Text search


Where? 
Viet Nam
Reset Advanced Options


CATEGORIES


- Dataset
- Documents
- Geo-dataset (vector/raster)
- Info. system international
- Info. system national/local
- Maps
- z-interactive Resources
- z_applications

RECENT CHANGES  [GeoRSS](#)
[Report on groundwater research](#)

Aggregate Results matching search criteria : 1-10/359 (page 1/36), 0 selected Sort by Select :

ADMINISTRATIVE MAP OF PROJECT WATER RESOURCE PLANNING DONG NAI RIVER BASIN 
Abstract Administrative Map
Keywords HYE, Dong Nai Basin

APPLICATION MODEL EVALUATION METHODOLOGY GROUNDWATER RESERVES IN HO CHI MINH CITY AND SURROUNDING 
Abstract Application model for evaluation underground water reserves in every aquifer at downstream Dong Nai river basin - 2008
Keywords HYE, ENV, Dong Nai Basin

AVERAGE MONTHLY TEMPERATURES AT SOME STATIONS IN THE SOUTH EAST 
Abstract Information about the average temperature, rainfall, evaporation mean

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 insitutes and organisations.

The screenshot shows the homepage of a website. At the top left is the flag of Vietnam. The main header contains the text: "Projet d'appui à la mise en oeuvre d'une politique de gestion intégrée des ressources en eau au Vietnam" and "Projet pilote Dong Nai". On the top right, there are flags for France, the UK, and Vietnam, and a language selector button labeled "French (Fr)".

The main content area is titled "vietnam" and includes a navigation menu with "Accueil". There are two main content boxes on the left:

- Gestion données Vietnam**
 - Acteurs et partenaires de projet niveau national
 - Catalogue de sources de données
 - Prototype outil de carto Vietnam
- Projet pilote Dong Nai**
 - Acteurs Bassin Dong Nai
 - Catalogue sources de données région Dong Nai
 - Production cartographique
 - Photos

The main content area contains a welcome message: "Bienvenue sur le portail du projet d'appui à la mise en oeuvre d'une politique de gestion intégrée des ressources en eau au Vietnam". Below this, it states: "Cet outil de collaboration vise à partager des données et informations disponibles sur:" followed by a list of points:

- La gestion intégrée des ressource en eau (GIRE) au Vietnam (libre d'accès)
- Le projet pilote (accès réservé aux partenaires)
- Les outils prototype de démonstration pour la valorisation des données

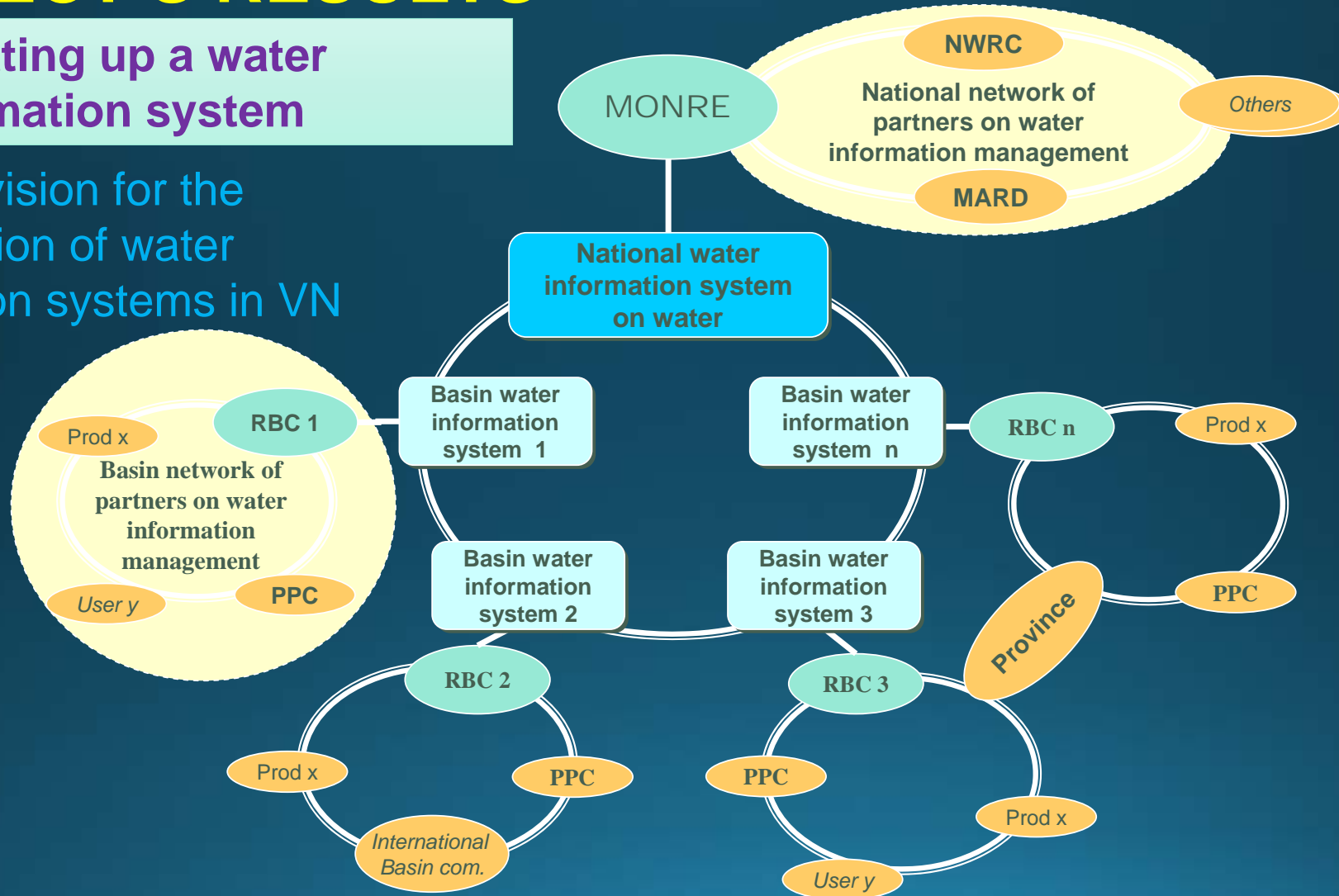
At the bottom, there are three preview images: "Catalogue des sources de données", "Proto.de démo carto Vietnam", and "Proto.de démo carto Dong Nai".

On the right side, there is a "Login" section with fields for "Identifiant" and "Mot de passe", a "Se souvenir de moi" checkbox, a "Connexion" button, and links for "Mot de passe oublié ?", "Identifiant oublié ?", and "Créer un compte".

PROJECT'S RESULTS

2. Setting up a water information system

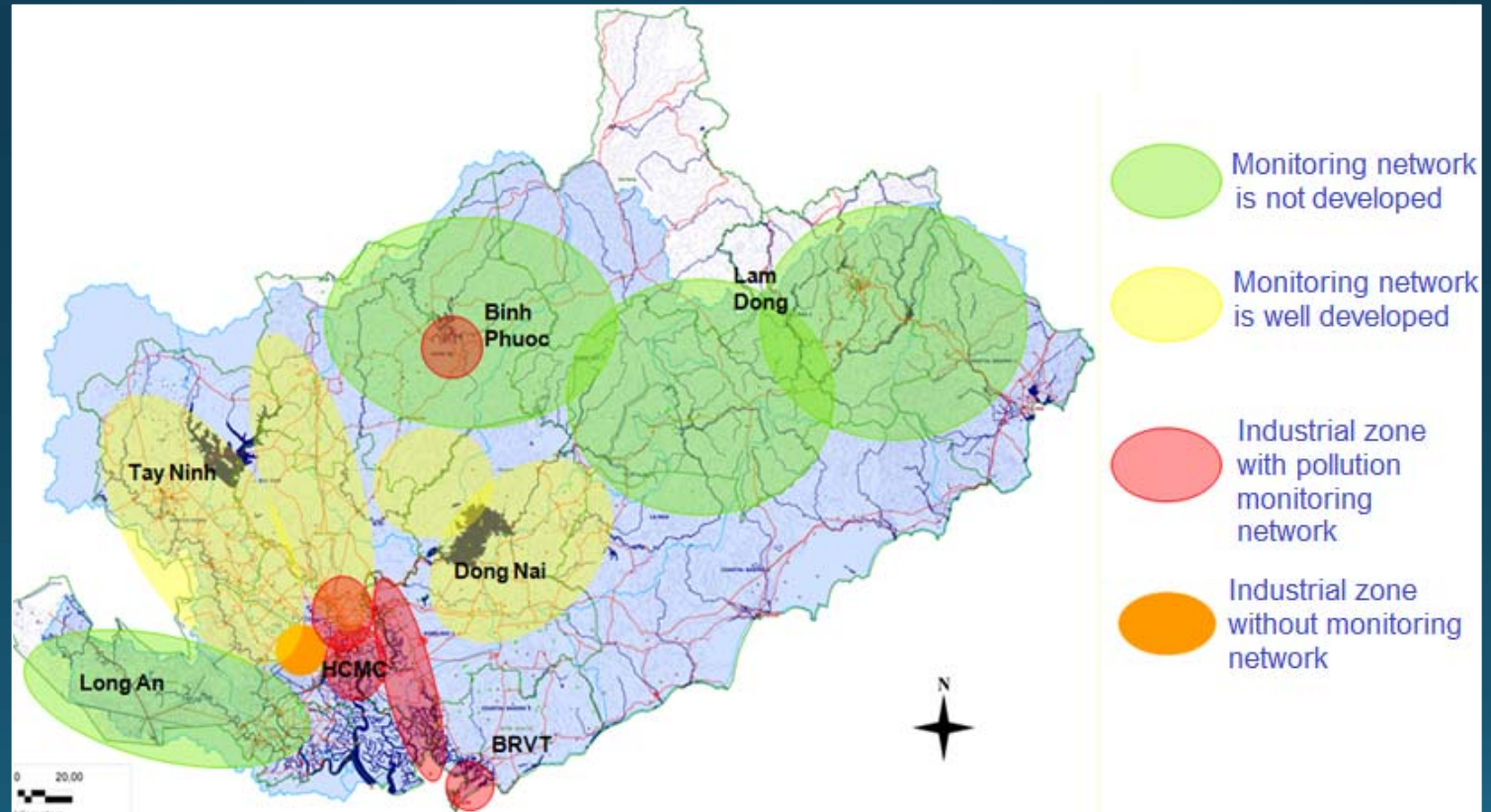
General vision for the organization of water information systems in VN



PROJECT'S RESULTS

3. Support for water resources monitoring

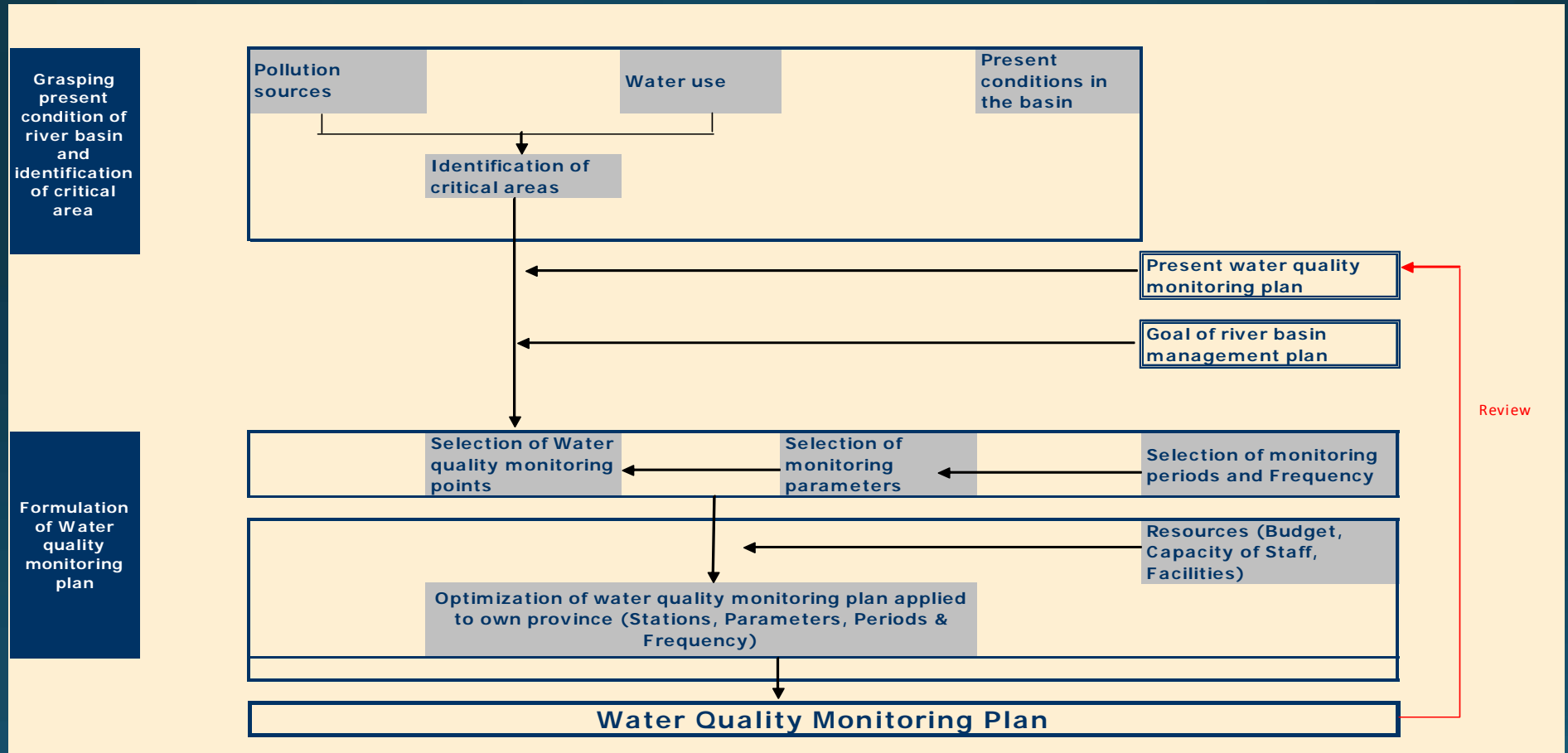
- Assessment of existing monitoring network in the whole Dongnai river basin



PROJECT'S RESULTS

3. Support for water resources monitoring

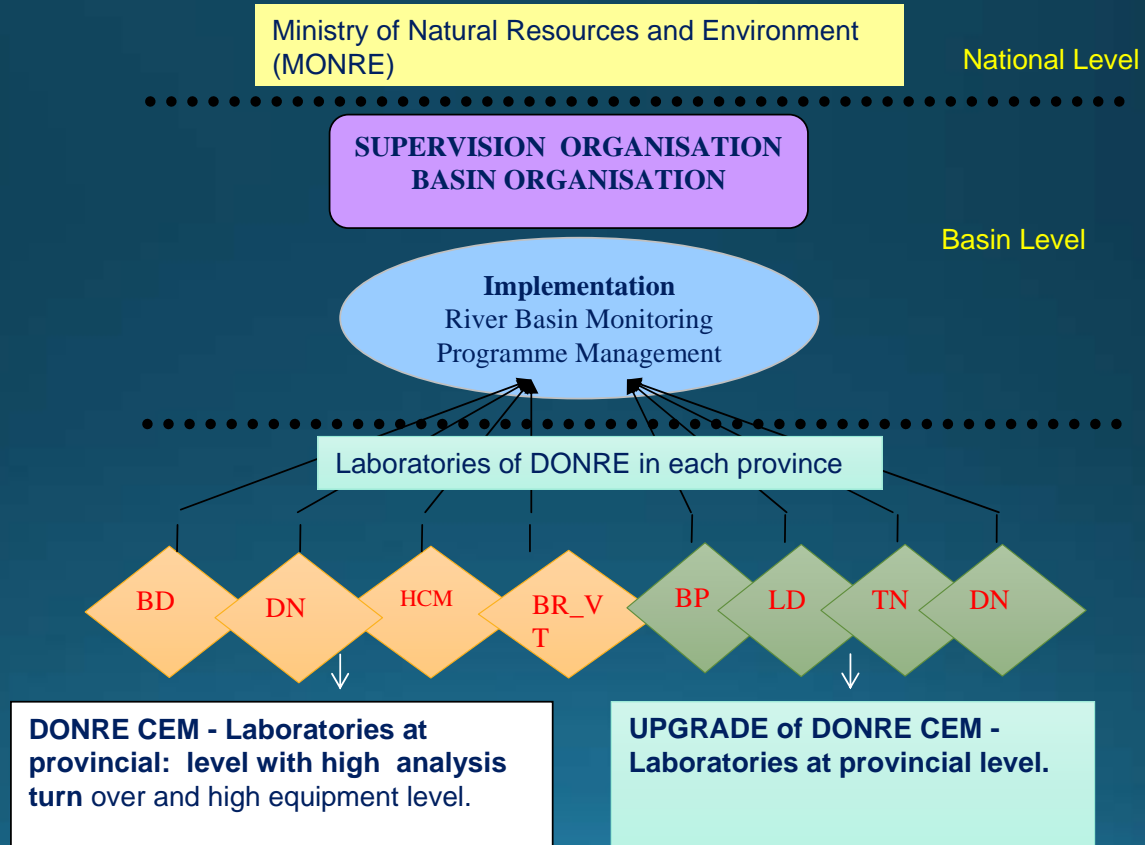
- Propose a program for monitoring in Dongnai river



PROJECT'S RESULTS

3. Support for water resources monitoring

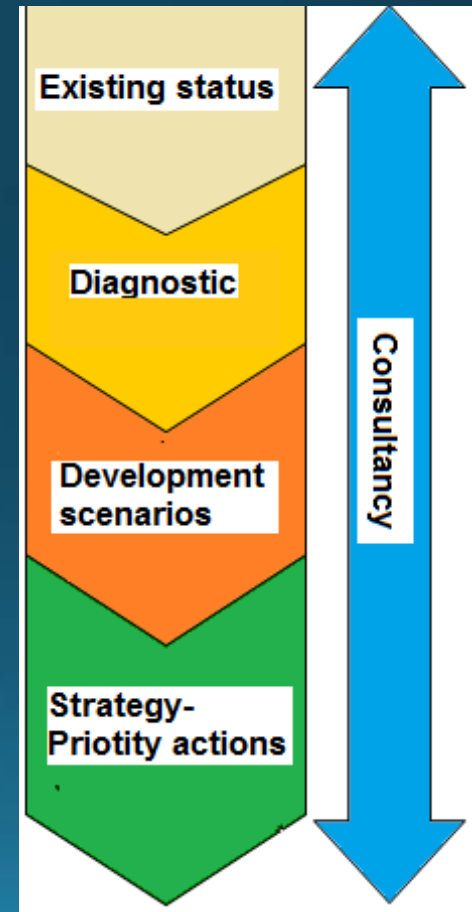
- Plan for implementation of the monitoring program in Dongnai river basin
- Proposed activities



PROJECT'S RESULTS

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



PROJECT'S RESULTS

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

Water use: domestic, industrial, agricultural,...



Natural risks

Activities may cause water resources depletion

PROJECT'S RESULTS

4. Development of a water resources management plan

b. Diagnostic

Main issues	Topic	Locate
Water quality	Domestic waste water Industrial waste water Agricultural waste water	Downstream of Sai Gon, Dong Nai river (HCM, Binh Duong...)
Management of Water Resources quantity	Water resources demand, stored lake mangement	Downstream /coastal provinces
Flood	Forecast, prevent and protection	HCM city
Enviromental quality	Knowledge, impacted factors	Scattered every where
Management	Roles of actors/ Water resources management/ River basin comittee	On the whole study area

PROJECT'S RESULTS

4. Development of a water resources management plan

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.