

Socialist Republic of Vietnam

- Avoid damage due to flooding, salinity intrusion in the lowland rice-planting area;
 - Replacing unstable rice production by aquatic /waterfowl production with higher incomes and more ecological sustainable.
- The scope and feasibility of the project:
The entire lowland rice production uncertain of the Mekong Delta and South East Regions
- Timeline: 2012 - 2020
- 2012-2015: Survey, impact assessment and prediction of floodplain areas;
 - 2016-2018: Testing the potential models;
 - 2018-2020: Newly planning and demonstration of models on a large scale.
- The requirements for budget / resources: \$150,000,000 USD
- Estimated / measured: 1-1.5 million ha
- The problems / challenges that may arise: Time and level of submerge change yearly, monthly and affect the production.
- The responsibilities and coordinate in the implementation: MARD is responsible for deploying

4 The project idea on selected plant breeding with biotechnology with which has the international support.

a) Title of project proposals for technology development

"Developing high-quality timber trees for plantation economy"

b) Project's information

- Introduction / Background:
- Forest seeds in Vietnam do not have high quality but their demand for forestation are big;
 - The project is expected to build a center in the South with modern laboratories that has biotechnology applications in breeding and selection and transfer of high technologies.
- Goals and objectives:
- Goals: To raise the value of forest production;
 - Objective: To build centers able to transfer high-quality varieties for production facilities nationwide.
- Relations of project with the priorities in sustainable development of the country:
The project is suitable with forest seed program of MARD and improvement for program of forest protection and development by 2020.
- Things that are obtained from the project as the value / benefits / messages: Creating original basis for the development strategy of forest seeds, which replicate the model towards structure fundamental change of forestry planting varieties nationwide.
- The scope and feasibility of the project:
The proposed project is located in the priority programs of the MARD on plant varieties development in forestry and forestry development plans from now to 2020.
- Timeline: 2014 - 2020
- 2014-2015: Project Preparation;
 - 2015-2018: Building the technical facilities, staffing and training;;
 - 2018-2020: Investment in the development and expansion.
- The requirements for budget / resources: \$ 2.6 million USD with resources mobilized from ODA and investment from the Government.

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- Estimated / measured: To provide 30 million seedlings per year of timber species to serve as high quality raw material for forest and timber forests;

After 10 years, 70% of forest seeds are created can reach quality and technical standards.

- The problems / challenges that may arise:

- Technology transfer can have trouble on the mechanism and method;
- Difficulty in raising capital cost;
- Vietnam still lacks qualified staff expertise on this technology.

- The responsibilities and coordinate in the implementation: MARD has the acting part, other ministries related are MOST, MOP, MOF.

5 The project idea on agro-forestry technology with which has the international support.

a) Title of project proposals for technology development

"Develop the agro-forestry ecosystem combined with improvements on livelihood and environment in the two arid provinces of Ninh Thuan and Binh Thuan".

b) Project's information

- Introduction / Background:

Current status of desertification is a challenge in Ninh Thuan and Binh Thuan. The income of local people is low, mainly based on agriculture with low productivity.

The Project is expected to build 30 eco-villages with specific activities as forest protection and development of agro-forestry models in two provinces of Ninh Thuan and Binh Thuan.

- Goals and objectives:

- Goals: To assist people in arid regions in Ninh Thuan and Binh Thuan develop agro-forestry model;
- Objective: To improve ecological sub-regional climate and restore the fertility of degraded land areas in 30 villages participating in the projects.

- Relations of project with the priorities in sustainable development of the country:

- Suitable with the program of new rural construction;
- Serving poverty reduction programs, national programs to combat desertification prevention.

- Things that are obtained from the project as the value / benefits / messages:

- After 5 years, 30 typical eco-village are built in which farmers will actively integrate farming in adaptation to climate change;
- Setting up integrated farming system according to eco-village model in the project area in order to recover vegetation, improve the fertility of the soil and restore ecological environment.

- The scope and feasibility of the project:

- The scope of the project impact and feasibility of it: Creating jobs for local people in the project. Annually, thousands of worker are attracted to forestry, tourism and raise their income;
- To develop awareness of forestry in the community, environmental consciousness, landscape and improve the general forest as well as protection forest in particular.

- Timeline: 2014 – 2018 and divided into 3 components

- The first component: To develop criteria for classification, selection and design of eco-village;
- The second component: To construct eco-villages;
- The third component: To develop farming capacity, consumption and improve livelihoods.

- The requirements for budget / resources: \$ 18 million USD with local budget is \$ 2 million.