



GRIDS
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ABANDONMENT / DECOMMISSIONING / REHABILITATION POLICY CHAPTER VIII

Bagtingon Small Reservoir Irrigation Project (BSRIP)

Barangay Bagtingon, Buenavista, Marinduque

8 Abandonment/Decommissioning/ Rehabilitation Policy

NIA's Rehabilitation Policy aims to achieve the following:

- Identify the adverse impacts of the project on the environment after the closure of the project
- Minimize these impacts ensuring the socio-economic well-being of the communities post-project
- Conduct safe and environmentally sound removal of the dam

The abandonment, decommissioning, and rehabilitation of the Bagtingon SRIP will be treated as a separate project and its own engineering and environmental considerations (i.e. impact assessment, management measures, monitoring, responsibilities, and cost estimates). The plan will be undertaken in coordination with relevant stakeholders such as the MMT, locals, and experts in accordance with local regulatory requirements and good international practices. Listed below are some of the considerations, among others:

- Notice of decommissioning and IEC to locals and government agencies
- Planning (engineering and environmental)
- Budget Appropriation and Contracting
- Acquisition of clearances from government agencies
- Social Preparation and Mobilization
- Reservoir dewatering
- Final government inspections
- Contractor Demobilization
- Final Notice to Stakeholders

If the dam facilities are deemed to be not useful to the community, these will be removed and revegetated. The dam will be dewatered during the dry season to avoid flash floods for public safety.

Locals will be prioritized as laborers in the dismantling of the project components. Some of the immediate procedures in land preparation for revegetation include:

- Surface preparation and application of organic fertilizer
- Preparation of planting stocks of species known to thrive on soils of Barangay Bagtingon and other host communities
- Employ soil erosion control procedures through structural and vegetative conservation practices

The Involvement of local communities is essential to rehabilitate the project site in order for it to become productive for the community post-project. Capacity building, waste management, and rehabilitation advocacy program and post-rehabilitation are presented in the table below.

Table 8-1 List of activities to develop and enhance the productivity and efficiency of the project

Activities	Methods	Objectives
Capacity Building	Hand-on training modules on the proposed dam project rehabilitation for agriculture, forest-based development as well as on the pre-production, production, and maintenance aspects of agro-forestry implementation as one strategy in the re-vegetation activities shall be undertaken	<ul style="list-style-type: none"> • Improve the technical capabilities of the staff as well as the skills of the workers directly in charge of the rehabilitation activities in the area. • Ensure the selection efforts of crop mixes to be adopted in the proposed dam project areas shall be compatible with the soil types and characteristics in the terms of achieving the production and income objectives of the rehabilitation efforts.
Waste Management and Rehabilitation Advocacy Program	<ul style="list-style-type: none"> • NIA to host the periodic conduct of short-term seminars among their staff and workers as well as among the leaders of the communities on the importance of waste management. • NIA to periodically reproduce and distribute printed materials concerning the same but shall be laymanized for better understanding of the target readers, particularly the local residents of the area. • NIA to coordinate these activities with concerned agencies and individuals including experienced resource persons for more effective results. 	Promote the importance of waste management and rehabilitation to attain sustainable development and a healthy environment particularly within the influenced communities

Activities	Methods	Objectives
Post Rehabilitation	<ul style="list-style-type: none"> NIA to document, share and evolve strategies in designing and implementing the most effective way(s) on how this particular type of post project area can be transformed into productive land use options on a sustainable basis. The most likely land use option for this type of area is for agro-forestry utilization. NIA to coordinate with partner institutions such as the local residents, the academe and other research and development institutions which have cast experience in agro forestry and highland or upland agriculture, among others. The local residents as partners can be tapped as partners in the conduct of participatory research concerning the production of Agro forestry crops in the proposed area 	Help and support the local residents to provide the highest sustainable benefits in designing production and managing strategies through the research programs and projects concern in this particular project area