

INTEGRATED SAFEGUARDS DATA SHEET CONCEPT STAGE

Report No.: ISDSC592

Date ISDS Prepared/Updated: 31-Jan-2012

I. BASIC INFORMATION

A. Basic Project Data

Country:	Madagascar	Project ID:	P128831
Project Name:	Madagascar-Irrigation and Watershed Management Project - PHRD Complementary Financing (P128831)		
Task Team Leader:	Achim Fock		
Estimated Appraisal Date:	19-Mar-2012	Estimated Board Date:	31-May-2012
Managing Unit:	AFTAR	Lending Instrument:	Specific Investment Loan
Sector:	Agricultural extension and research (40%), Agro-industry, marketing, and trade (35%), Irrigation and drainage (15%), General agriculture, fishing and forestry sector (10%)		
Theme:	Rural services and infrastructure (50%), Rural markets (40%), Rural policies and institutions (10%)		
Financing (In USD Million)			
Financing Source			Amount
Borrower			0.00
Japan Policy and Human Resources Development Fund			13.23
Total			13.23
Environmental Category:	A - Full Assessment		
Is this a Repeater project?	No		

B. Project Objectives

The Project Development Objective (PDO) of the proposed Project is "to sustainably increase rice productivity in selected irrigation sites and their surrounding watersheds." This PDO is well aligned with the program-level objective of the ongoing BVPI-IDA, which is "to sustainably increase rice productivity in selected irrigation schemes and their associated watersheds." It is also in line with the objectives of the World Bank ISN, the objectives of the PNDR and SNDR, and the objectives of the PHRD TA program.

C. Project Description

The proposed Project will have five components: four technical components and one administrative component.

Component 1: Development of Commercial Agriculture, including: (i) support to agricultural services; and (ii) support to private investments. The objective for this component is to lay the foundations for sustainable intensification and diversification of both irrigated and rainfed rice production systems in the targeted watersheds, and to improve market access.

Component 2: Irrigation Development, including: (i) support to irrigation development; and (ii) irrigation investments. The objective of this component is to lay the foundations for improved management, maintenance and sustainability of irrigation services provision in four large-scale irrigation schemes through rehabilitation of irrigation infrastructure, capacity strengthening of stakeholders and clarification of roles and responsibilities, and establishment of an appropriate incentive framework.

Component 3: Watershed Development, including: (i) planning and capacity building for sustainable watershed development; and (ii) sustainable investments in watersheds including biological (e.g., tree planting) and physical (e.g., check dams) measures. The objective of the component is to lay the foundations for sustainable management of watersheds including irrigated and rainfed agriculture, and improved productivity of existing natural resources.

Component 4: Support for Rice Research and Development, including: (i) support to basic rice seed production; (ii) improvement of chemical soil analysis capability of the research system; and (iii) development of rice research and extension linkages.

Component 5: Project Management, including: (i) Project management; and (ii) Project monitoring and evaluation. The objective of this component is to manage and use resources in accordance with the Project's objectives and procedures and to evaluate the Project's results.

D. Project location and salient physical characteristics relevant to the safeguard analysis (if known)

The Project will be implemented in selected irrigation sub-schemes and in the related watersheds. These sub-schemes are part of irrigation schemes that are already being targeted by the national BVPI program. Components 1, 2, and 3, as well as a focus area of Component 4, will be implemented mainly in specific sectors of the Marovoay and Itasy irrigation schemes. The targeted area includes about 5,700 ha of potentially irrigated land plus the associated watersheds. The Project will also support irrigation design studies in the Anony and Imamba-Ivakaka irrigation schemes. Finally, it will contribute to strengthening the national rice research and development system.

E. Borrowers Institutional Capacity for Safeguard Policies

The Government has longstanding experience in implementing Bank-funded projects throughout the country, so it has developed considerable capacity to implement social and environmental safeguards policies. This Project will scale up and expand the scope of activities currently being carried out under BVPI, and it will be implemented by the same agencies. The PUI that will implement both operations already counts among its staff a well qualified Socio-Environmental Specialist responsible for overseeing the proper implementation of all applicable social and environmental safeguard policies.

Nevertheless, to ensure that World Bank safeguards policies are properly implemented for the proposed Project, provision will be made to enhance the technical capacity within the Project Implementation Unit (PIU).

F. Environmental and Social Safeguards Specialists on the Team

Cheikh A. T. Sagna (AFTCS)

Paul-Jean Feno (AFTEN)

II. SAFEGUARD POLICIES THAT MIGHT APPLY

Safeguard Policies Triggered	Yes	No	TBD	Explanation
Environmental Assessment OP/BP 4.01	X			OP 4.01 is triggered because the Project will support rehabilitation of irrigation-related infrastructure, investments in watershed development and/or protection, and livestock production. As part of the preparation of the IDA-financed BVPI, the Government prepared a Regional Environmental and Social Assessment (RESA), which was disclosed in-country on 04/04/2006 (at project sites and through announcements that appeared in national newspapers and on government websites) and at the Infoshop in Washington on 03/14/2006. The activities to be supported under the proposed Project are expected to have mostly positive environmental and social impacts, with both environmental and social management measures fully integrated into the Project design. Nevertheless, the Project sites are located in regions with globally important biodiversity resources, and the Project might lead to increased use of fertilizers and pesticides that might impact these local and trans-boundary natural resources. The Project will also finance sub-projects, such as check dams, anti-erosion structures, or other structures. These sub-projects will be screened for environmental and social impacts, and a determination will be made whether a detailed or abbreviated Environmental and Social Impacts Assessment study will be needed as part of the feasibility analysis. The current RESA will be updated, and if necessary revisions will be made to take into account new activities to be supported under the proposed Project. The updated RESA will be publicly disclosed in-country and at the World Bank InfoShop prior to appraisal.
Natural Habitats OP/BP 4.04	X			TOP 4.04 is triggered because the Project sites are located in areas with globally important biodiversity resources, including the mangrove habitats in Marovoay region. As stated above, the updated RESA will spell out procedures needed to minimize negative impacts on natural habitats.
Forests OP/BP 4.36			X	The RESA report will determine whether forests are likely to be affected by the proposed Project. The RESA will indicate the extent to which forests might be affected by Project-supported infrastructure investments, and it will provide appropriate guidance for sub-project implementation and monitoring. As stated above, the updated RESA will be publicly disclosed in-country and at the World Bank InfoShop prior to appraisal.
Pest Management OP 4.09	X			OP 4.09 is triggered because the Project will support activities designed to increase agricultural production, which will require increased use of inputs, including pesticides. To ensure the safety of pest management practices supported under the Project, taking into account both the upstream watershed communities and the downstream riparian communities, the project will prepare a Pest and Pesticides Management Plan (PPMP) for Sub-Projects, building on experience gained under the previous operation (BVPI APL 1). A Pest and Pesticide Management Plan (PPMP) to reduce the exposure of the farming communities living both upstream and downstream from the Project-affected areas will be prepared and publicly disclosed in country and at the InfoShop prior to appraisal. The PPMP will also promote the development and use of Integrated Pest Management Practices (IPMP). Because of the likelihood of possible impacts on both transboundary natural resources and communities living upstream and/or downstream of the Project-

Safeguard Policies Triggered	Yes	No	TBD	Explanation
				affected watersheds, the PPMP will be a stand-alone document. It will be publicly disclosed in-country and at the World Bank InfoShop prior to appraisal.
Physical Cultural Resources OP/BP 4.11		X		OP 4.11 is not triggered. No Physical Cultural Resources are expected to be impacted by the Project. Nevertheless, a chance find procedure will be inserted into the RESA to provide guidance on how to adequately mitigate any potential impacts on physical cultural resources in the Project intervention areas.
Indigenous Peoples OP/BP 4.10		X		No Indigenous Peoples (as per World Bank definition in OP/BP 4.10) have been identified in the Project area.
Involuntary Resettlement OP/BP 4.12	X			OP 4.12 is triggered because the Project will support the rehabilitation of irrigation-related infrastructure (under Component 2). This might result in taking of land, loss of socioeconomic assets, and/or restriction of access to livelihood support assets. It is expected that any land acquisition, loss of socioeconomic assets, or reduction in access to livelihood support assets will occur on a limited scale. Should this happen, a Resettlement Action Plan (RAP) will be prepared during project implementation and publicly disclosed in-country and at the InfoShop. Any RAPs prepared under the Project will be based on criteria spelled out in a Resettlement Policy Framework (RPF) to be completed during preparation and publicly disclosed in-country and at the InfoShop prior to appraisal.
Safety of Dams OP/BP 4.37	X			OP 4.37 is triggered because even though the Project will not finance the construction of large dams, (i) the Project might support the construction of small check dams, and (ii) many of the irrigation schemes that have been identified for rehabilitation rely on existing large dams. To ensure safe management of Project-supported irrigation investments, a Small Dams Safety Manual will be prepared as a standalone document to be annexed to the updated Regional Environmental and Social Assessment (RESA). The manual will be disclosed in-country and at the World Bank InfoShop prior to appraisal.
Projects on International Waterways OP/BP 7.50		X		OP 7.50 is not triggered. Madagascar is an island
Projects in Disputed Areas OP/BP 7.60		X		There are no disputed areas associated with the Project.

III. SAFEGUARD PREPARATION PLAN

A. Tentative target date for preparing the PAD Stage ISDS: 16-Apr-2012

B. Time frame for launching and completing the safeguard-related studies that may be needed. The specific studies and their timing¹ should be specified in the PAD-stage ISDS:

- Updated Regional Environmental and Social Assessment (RESA) : Mid-March 2012 (before appraisal)
 - Updated Pest and Pesticides Management Plan (Stand-alone Document) : Mid-March 2012 (before appraisal)
 - Generic Dam Safety Analysis (DSA) with the Small Dams Security Manual (Standalone to be annexed to the RESA) : Mid-March 2012 (before appraisal)
 - Resettlement Policy Framework (RPF): Mid-March 2012 (before appraisal)
- The studies are expected to begin by the end of January 2012 and to be completed by the end of March 2012.

IV. APPROVALS

<i>Signed and submitted by:</i>		
Task Team Leader:	Name: Sossena Tassew	Date: 31-Jan-2012
<i>Approved By:</i>		
Regional Safeguards Coordinator:	Name: Alexandra C. Bezeredi (RSA)	Date: 03-Feb-2012
Comments:		
Sector Manager:	Name: Iain G. Shuker (SM)	Date: 31-Jan-2012
Comments: Cleared		

¹ Reminder: The Bank's Disclosure Policy requires that safeguard-related documents be disclosed before appraisal (i) at the InfoShop and (ii) in country, at publicly accessible locations and in a form and language that are accessible to potentially affected persons.