

**INTEGRATED SAFEGUARDS DATASHEET
APPRAISAL STAGE**

I. Basic Information

Date prepared/updated: 01/12/2006

Report No.: AC2009

1. Basic Project Data

Country: Turkey	Project ID: P096262
Project Name: Avian Influenza & Human Pandemic Preparedness & Response APL 2 Project	
Task Team Leader: Mark R. Lundell	
Estimated Appraisal Date: December 16, 2005	Estimated Board Date: March 2, 2006
Managing Unit: ECSSD	Lending Instrument: Emergency Recovery Loan
Sector: Animal production (40%);Health (30%);Agro-industry (30%)	
Theme: Natural disaster management (P);Other communicable diseases (P);Rural policies and institutions (S);Other environment and natural resources management (S)	
IBRD Amount (US\$m.):	15.40
IDA Amount (US\$m.):	0.00
GEF Amount (US\$m.):	0.00
PCF Amount (US\$m.):	0.00
Other financing amounts by source:	
BORROWER	6.49
BILATERAL AGENCIES (UNIDENTIFIED)	3.69
<u>FOREIGN MULTILATERAL INSTITUTIONS (UNIDENTIFIED)</u>	<u>9.84</u>
	20.02
Environmental Category: B - Partial Assessment	
Simplified Processing	Simple <input checked="" type="checkbox"/> Repeater <input type="checkbox"/>
Is this project processed under OP 8.50 (Emergency Recovery)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

2. Project Objectives

The overall objective of the Project is to minimize the threat in Turkey posed to humans by HPAI infection and other zoonoses in domestic poultry and prepare for, control, and respond to influenza pandemic and other infectious disease emergencies in humans. To achieve this, three areas will be supported: (i) prevention, (ii) preparedness and planning and (iii) response and containment. Achieving these goals will contribute to diminishing the burden of disease and loss of productivity in Turkey, limiting the regional spread of HPAI, and enhancing economic and social prospects at the national, regional, and global levels.

3. Project Description

The Project is likely to finance activities under three components: (i) animal health, (ii) human health, (iii) public awareness and coordination support.

Component I. Animal Health: The Project will support activities to cover the needs in the short, medium or long-term, and ranging from prevention, to control and total eradication of HPAI, which have been based on an assessment of the particular conditions, constraints and possibilities in Turkey (including a rapid assessment of veterinary services and recent assessments of the poultry sector). The Project activities will support strategy development, the improvement of the regulatory framework and epidemiological studies and surveillance programs to inform the improvement of disease control measures. Strengthening the capacity of the Ministry of Agriculture and Rural Affairs (MARA) and its affiliated reference and regional diagnostic laboratories in detection, reporting and follow-up of reported AI cases will be another goal of the project. Support to activities related to the implementation of the containment plan for AI outbreaks such as targeting virus eradication at the source, restructuring of the poultry sector through the reduction of the practice of backyard poultry raising, improving the opportunity for slaughtering of egg laying poultry, and promoting manure management of backyard poultry that is in conformity with existing environmental regulations will also be targeted by the project.

Component II. Human Health: The Project will help to operationalize some elements that are contemplated as part of the global strategic plan, and expanding and intensifying the responses rapidly. As it is unlikely that the global spread of a pandemic influenza virus could be prevented once it emerges, the emphasis is on reducing its impact. Several tools will help achieve this aim: (i) year-round surveillance; (ii) effective and accurate methods of diagnosis; (iii) social distance interventions; (iv) vaccines (once they become available); (v) anti-viral drugs; and (vi) strengthened medical services. The project will help the Ministry of Health (MOH) to build its institutional capacity to implement the recently prepared national pandemic influenza action plan in coordination with MARA. The project will also improve the health information and communication systems as well as public health laboratories' capacities.

Component III. Public Awareness and Coordination Support: Support will be provided for information and communication activities to increase the attention and commitment of government, private sector, and civil society organizations, and to raise awareness, knowledge and understanding among the general population about the risk and potential impact of the pandemic. The existing consultative entity National Zoonotic Disease Committee that will become a truly functioning supra-ministerial coordinating agency between MARA and MOH and partnering with other sector representatives (environment, transportation, interior, etc.) will establish a Secretariat to implement the national awareness activities and in case of an AI outbreak, it will be in charge of triggering emergency responses by MARA and MOH, monitoring the actions taken, and coordinating public statements to the media. This component will also support project implementation as well as monitoring and evaluation activities.

4. Project Location and salient physical characteristics relevant to the safeguard analysis

The AIHP is a national project which covers all regions of Turkey, to varying degrees. However, for specific components certain provinces are targeted where reference,

regional and public health laboratories exist (for strengthening of animal and public health disease surveillance capacity) and/or where poultry production is heavily concentrated (for the purposes of virus eradication at the source and restructuring of the poultry sector).

5. Environmental and Social Safeguards Specialists

Ms Tijen Arin (ECSSD)

Ms Radhika Srinivasan (ECSSD)

6. Safeguard Policies Triggered	Yes	No
Environmental Assessment (OP/BP 4.01)	X	
Natural Habitats (OP/BP 4.04)		X
Forests (OP/BP 4.36)		X
Pest Management (OP 4.09)		X
Cultural Property (OPN 11.03)		X
Indigenous Peoples (OP/BP 4.10)		X
Involuntary Resettlement (OP/BP 4.12)		X
Safety of Dams (OP/BP 4.37)		X
Projects on International Waterways (OP/BP 7.50)		X
Projects in Disputed Areas (OP/BP 7.60)		X

II. Key Safeguard Policy Issues and Their Management

A. Summary of Key Safeguard Issues

1. Describe any safeguard issues and impacts associated with the proposed project. Identify and describe any potential large scale, significant and/or irreversible impacts: The two safeguard issues which pertain to the Project are those of environmental assessment for technologies to be deployed for disposal of culled poultry and of mitigating the negative impacts of mandated culling of poultry on small scale backyard poultry producers.

In general, activities under the Project are not expected to generate any adverse environmental effects as they are focused largely on public sector capacity building and improved readiness for dealing with outbreaks of avian influenza in domestic poultry. These prevention-focused activities are expected to have a positive environmental impact as the Project's investments in facilities, equipment, and training for laboratories will improve the effectiveness and safety over existing avian influenza handling and testing procedures by meeting international standards established by the OIE. This would be reinforced by the mainstreaming of environmental safeguards into protocols and procedures for the culling and disposal of animals during AI outbreaks. In addition, whatever waste is generated in laboratory facilities will be managed using existing guidelines in Turkey

2. Describe any potential indirect and/or long term impacts due to anticipated future activities in the project area:

Since the Project supports investments in incineration capacity for culled poultry (and potentially for disposal of other livestock and laboratory wastes), an Environmental Management Plan (EMP) for the deployment of incineration capacity (mainly mobile but also potentially through stationary incineration units) will be necessary. This EMP will also cover the clean up of animal wastes of culled poultry by the local public veterinary services supported under the Project. The scope of this EMP will be specified in early project implementation.

3. Describe any project alternatives (if relevant) considered to help avoid or minimize adverse impacts.

Though no social safeguard policy is triggered by the Project, the Project is designed to mitigate the negative impacts of mandated culling of poultry on small scale backyard poultry producers. Even though this impact is not expected to be large (likely no more than 5% of backyard poultry producers' value of household consumption), mitigation measures have been designed, and their further refinement is envisaged during the initial implementation period of the Project. First, a state compensation fund will be set up under the Project (with an initial reserve of US\$ 5 million) to pay producers roughly 75% of the value of their culled poultry. A second project reserve (an additional US\$ 4.5 million) will also be established to target the restructuring needs of the poultry sector which arise as a result of the enforcement of the culling policy in areas affected by AI. This will be designed to mitigate the medium to long-term effects on producers (mainly of the backyard type) who are required to discontinue poultry production in areas which have been affected by AI.

Third, the project team agreed with the Ministry of Agriculture and Rural Affairs on the desirability of using part of the Village-based Participatory Investments Program (under the existing Agricultural Reform Implementation Project) on the needs of poultry producers affected by the culling of poultry in affected areas. Lastly, during the initial stage of project implementation, the project team will pursue with the representatives of the commercial poultry sector a voluntary initiative by the commercial poultry sector to provide poultry products free of charge to backyard producers who have been forced to discontinue poultry raising. This would be at the level of household consumption formerly raised by backyard poultry producers and extended for a two to three year period.

4. Describe measures taken by the borrower to address safeguard policy issues. Provide an assessment of borrower capacity to plan and implement the measures described. The Borrower will prepare and disclose an Environmental Assessment and an EMP, as discussed above, prior to disbursement under the Animal Health component. The scope of this EMP will be specified during early Project implementation. The Borrower's capacity to plan and to implement the measures is adequate.

5. Identify the key stakeholders and describe the mechanisms for consultation and disclosure on safeguard policies, with an emphasis on potentially affected people. Meetings have been held with representatives of commercial poultry producers and will be broadened during the initial stage of implementation to include representatives of farmers' organizations familiar with the socio-economic issues currently faced by backyard poultry producers, particularly in the areas where poultry production is concentrated.

B. Disclosure Requirements Date

Environmental Assessment/Audit/Management Plan/Other:

Date of receipt by the Bank	05/01/2006
Date of "in-country" disclosure	05/19/2006
Date of submission to InfoShop	05/31/2006
For category A projects, date of distributing the Executive Summary of the EA to the Executive Directors	

*** If the project triggers the Pest Management, Cultural Property and/or the Safety of Dams policies, the respective issues are to be addressed and disclosed as part of the Environmental Assessment/Audit/or EMP.**

If in-country disclosure of any of the above documents is not expected, please explain why:

Due to the emergency nature of this action, and in conformance with paragraph 12 of OP 4.12, the completion and disclosure of the Environmental Assessment will be delayed from appraisal to be a condition of disbursement for Component 1 -- Animal Health

C. Compliance Monitoring Indicators at the Corporate Level (to be filled in when the ISDS is finalized by the project decision meeting)

OP/BP/GP 4.01 - Environment Assessment

Does the project require a stand-alone EA (including EMP) report?	Yes
If yes, then did the Regional Environment Unit or Sector Manager (SM) review and approve the EA report?	No
Are the cost and the accountabilities for the EMP incorporated in the credit/loan?	Yes

The World Bank Policy on Disclosure of Information

Have relevant safeguard policies documents been sent to the World Bank's Infoshop?	No
Have relevant documents been disclosed in-country in a public place in a form and language that are understandable and accessible to project-affected groups and local NGOs?	No

All Safeguard Policies

Have satisfactory calendar, budget and clear institutional responsibilities been prepared for the implementation of measures related to safeguard policies?	No
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Have costs related to safeguard policy measures been included in the project cost?	Yes
Does the Monitoring and Evaluation system of the project include the monitoring of safeguard impacts and measures related to safeguard policies?	Yes
Have satisfactory implementation arrangements been agreed with the borrower and the same been adequately reflected in the project legal documents?	Yes

D. Approvals

<i>Signed and submitted by:</i>	<i>Name</i>	<i>Date</i>
Task Team Leader:	Mr Mark R. Lundell	01/12/2006
Environmental Specialist:	Ms Tijen Arin	01/12/2006
Social Development Specialist Additional Environmental and/or Social Development Specialist(s):	Ms Radhika Srinivasan	01/12/2006
<i>Approved by:</i>		
Regional Safeguards Coordinator:	Mr Ronald N. Hoffer	01/12/2006
Comments:		
Sector Manager:	Ms Marjory-Anne Bromhead	01/12/2006
Comments: Seen and approved		