

**Aga Khan Hospital and Medical College Foundation  
Information Summary for the Public**

Host Country(ies):	Pakistan
Name of Borrower(s):	Aga Khan Hospital and Medical College Foundation
Project Description:	Expansion of healthcare facilities in Karachi, Pakistan including the building of a new ambulatory care building; a neonatal, medical, and pediatric intensive care unit; a center for innovation in medical education; a child care center; a new private wing; a new office building; and the renovation of existing spaces
Proposed OPIC Loan:	\$30,000,000 with a 20 year maturity and 5 year grace period
Total Project Costs:	\$98,700,000
U.S. Sponsor:	Aga Khan Foundation U.S.A.
<b>Policy Review</b>	
U.S. Economic Impact:	The Project is not expected to have a negative impact on the U.S. economy or employment. Initial and operational U.S. procurement associated with this Project is expected to have a positive impact on U.S. employment. The Project will have a negative five-year U.S. balance of payments impact.
Developmental Effects:	This Project will have a positive developmental impact on the host country, Pakistan, by improving the country's underdeveloped health and health education infrastructure. The new hospital facilities will provide multiple health services all under one roof, including ambulatory, neo-natal, child care and critical care services. Using an innovative financial model, the facility will be able to provide free healthcare to poor patients by using the health service revenues from wealthier paying customers. The Project will import state-of-the-art medical equipment into Pakistan including diagnostic, radiography, ultrasound, and cardiology equipment. Finally, the Project will have positive human capacity impacts by creating hundreds of new local and technical jobs.
Environment:	The Project has been reviewed against OPIC's categorical prohibitions and has been determined to be categorically eligible. Construction and operation of hospitals are screened as Category B projects under OPIC's environmental and social guidelines

because impacts are site specific and readily mitigated. The primary environmental concerns related to this Project are impacts from construction, the management and disposal of waste and wastewater, monitoring of air emissions from on-site power generation and the assurance that appropriate health and safety measures have been instituted for employees. Additionally, OPIC considers issues related to quality of care in evaluating healthcare facilities to ensure the facility contributes to improved public health in the host country.

**Applicable Standards:** OPIC's environmental and social due diligence indicates that the Project will have impacts that must be managed in a manner consistent with the following Performance Standards:

- P.S.1: Social and Environmental Assessment and Management Systems;
- P.S. 2: Labor and Working Conditions;
- P.S. 3: Pollution Prevention and Abatement;
- P.S. 4: Community Health, Safety and Security

In addition to the Performance Standards listed above the following International Finance Corporation (IFC) Environmental Guidelines are applicable to this Project

- (i) The International Finance Corporation (IFC) April 2007 Environmental, Health and Safety Guidelines for Healthcare Facilities; and
- (ii) The IFC April 30, 2007 Environmental, Health, and Safety General Guidelines.

**Environmental and Social Risks and Mitigation:** Construction work is outsourced to contractors. An Aga Khan University (AKU) project team is dedicated to each construction subproject. Although AKU appears to have health and safety management in place for the construction phase of the Project, environmental and social issues do not appear to be addressed as comprehensively. OPIC will require that the Project develop a Social and Environmental Management Plan (SEMP) for the construction phase using the IFC Performance Standards and General EHS Guidelines as a framework. With respect to hospital operations, Aga Khan University Hospital (AKUH) is Joint Commission International (JCI) accredited and as a result, hospital operations are managed in line with a Social and Environmental Management System in accordance with P.S. 1. Biomedical and sanitary wastes are channeled together to enter into a high density polythene tank filled with limestone for

	<p>neutralization for a period of 60 hours before being discharged to the city sewerage system. Wastewater containing short half-life isotopes is collected through a separate channel and into a separate holding tank.</p> <p>AKU has an incinerator on-site for hospital infectious/solid waste disposal. Air emissions are monitored and controlled 24 hours a day, seven days a week through computerized systems. Emissions meet European standard limits. AKU has six boilers on-site. Four of them have steam generating capacities of 10 tons/hour and two have steam generating capacities of 1 ton/hour. Emissions are monitored every two months by AKU's mechanical, electrical and plumbing department. Electricity is provided partly through the Karachi Electric Supply Corporation. Additional electricity is supplied through AKU's on-site 4.8 MW natural gas fired power plant. Air emissions are not monitored on a regular basis. OPIC will require that the Borrower submit a plan on how it will adhere to the Air Emissions and Ambient Air Quality Guidelines in the IFC General EHS Guidelines. Greenhouse gas emissions from the incinerator, on-site power plant and the boilers are estimated to be approximately 60,000 tons CO<sub>2eq</sub>/year.</p>
Workers Rights:	<p>OPIC's statutorily required standard worker rights language will be supplemented with provisions concerning the right of association, organization and collective bargaining, minimum age, hours of work, the timely payment of wages and hazardous work situations. Standard and supplemental contract language will be applied to all workers of the Project. The Project will be required to operate in a manner consistent with the requirements of the International Finance Corporation's Performance Standard 2 on Labor and Working Conditions.</p>
Human Rights:	<p>OPIC issued a human rights clearance for this Project on February 3, 2012.</p>