

## Initial Project Summary

Project Location: Palgua, Puerto Boyaca, Colombia

Name of Applicant: Joshi Technologies International, Inc. and Parko Services, S.A.

Name of the Project: Joshi Technologies International, Inc. and Parko Services

Project Description: The Project is an expansion to an existing OPIC project and involves the drilling of 32 oil wells in the Palagua oil field in the Magdalena Valley in the State of Boyaca about 180 km northwest of Bogota, Colombia. The wells will be drilled on existing well sites to enable enhanced oil recovery.

Environment and Social Categorization and Rationale: The Project has been reviewed against OPIC's categorical prohibitions and determined to be categorically eligible. The Project is screened as Category A because potential impacts are diverse and irreversible. The major issues of concern related to oil production are air emissions, wastewater discharges, oily-waste management, control of oil spills, disposal of drilling muds, worker safety, and the adequacy of fire protection.

Environmental and Social Standards: International Finance Corporation's (IFC) Performance Standards (January 2012) 1 (Assessment and Management of Environmental and Social Risks and Impacts), 2 (Labor and Working Conditions), 3 (Resource Efficiency and Pollution Prevention), 4 (Community Health, Safety and Security), and 6 (Biodiversity Conservation and Sustainable Resource Management) are applicable to the Project. The Project does not involve new land acquisition or resettlement, impacts on Indigenous Peoples or cultural heritage. Therefore, P.S. 5, 7 and 8 are not triggered by the Project at this time.

Environmental Guidelines applicable to the Project include (i) the IFC's Environmental, Health and Safety General Guidelines (April 2007); (ii) the IFC's Environmental, Health, and Safety Guidelines for Onshore Oil and Gas Development (April 30, 2007); (iii) The World Health Organization's Guidelines for drinking water or treated to baseline quality for water re-injected into groundwater; (iv) applicable provisions of the American Petroleum Institute's (API) Standard 2610 for Design, Construction, Operation, Maintenance, and Inspection of Terminal and Tank Facilities; (v) "Dutch Standards" (VROM, Dutch Ministry of Housing, Spatial Planning and Environment, Circular 21 137, dated February 4, 2000) for the treatment of contaminated soil, sediments, and waters; and (vi) all applicable environmental, health, and safety requirements of Colombia with respect to the project.

The addition of 32 wells will result in estimated annual greenhouse gas emissions of 43,535 tons thus increasing the overall CO<sub>2eq</sub> emissions for the full project to 101,361 tons annually.

### Location of Local Access to Project Information:

CORPOBOYACA

Att. Ing. Edwin Harvey Toro

Director Oficina Puerto Boyacá

Cra. 2 N° 9-37 Alcaldía Municipal

Puerto Boyacá, Colombia