

**Environmental and Social Action Plan (ESAP) for  
Turkey: Üsküdar-Ümraniye-Çekmeköy Metro Line  
Nov. 7, 2014**

Action #	Task Title/Description	Deliverable	Due Date
<b>Performance Standard 1: Assessment and Management of Environmental and Social Risks and Impacts</b>			
1.	Develop and/or update existing management programs to mitigate the Project's environmental and social risks in line with the Performance Standards (PSs) and WBG Environmental, Health and Safety (EHS) Guidelines requirements for construction and operational phases. The mitigation plan will be in line with all necessary PS requirements.	Management Program for Constructions	Dec. 31, 2014
		Management Program for Operations	90 day prior to operations
2.	IMM shall update its existing emergency preparedness and response plan (ERP) for operation including (but not limited) to firefighting, evacuation of the station, vehicles, facilities, flood, bad weather conditions, earthquake, derailment, unauthorized access, sabotage, etc. The ERP will be in line with PSs and WBG EHS requirements.	IMM corporate Emergency Response Plan	Feb. 28, 2015
		Istanbul Ulasim (IU) detailed one for each station.	90 days prior to operations
3.	IMM shall develop a plan to mitigate potential livelihood loss impacts on minibus drivers working along the Üsküdar-Ümraniye-Çekmeköy line, including a summary of consultation with affected parties; and a report on any major environmental and social problems that arise immediately after such problems arise.	Social impact study	Jan. 31, 2015
4.	IMM shall establish "communication points/desks" at construction sites during the construction phase in order to encourage interested parties to raise their concerns/grievances related with construction, traffic re-routing, etc. Complement the currently web-based grievance redress system with additional grievance redress options, e.g. via written grievance forms at construction sites.	Stakeholder Grievance Mechanism	Dec. 31, 2014
<b>Performance Standard 2: Labor and Working Conditions</b>			
5.	IMM shall develop a procedure for contractor EHS oversight which will include regular EHS inspection mechanisms for the construction phase to ensure that contractor and sub-contractors comply with occupational health and safety (OHS) measures, and that hazardous materials and waste management are in line with relevant requirements.	EHS Monitoring Procedures by IMM	Dec. 31, 2014
6.	Istanbul Ulasim (IU) shall enhance its existing contractor management system and provide MIGA a copy of the updated documents in order to (but not limited with); (i) include necessary clauses to contracts with the maintenance and other LRT vehicle related contractors to implement IMM's safe working instructions and system procedures for work permits, incident reporting, contractor emergency response, PPE requirements, machinery and equipment inspections; (ii) define IMM's and IU's responsibility and requirements for the regular inspections, audits and periodical reporting of the EHS performance and compliance with required laws and regulations.	Contractor Management System	60 days prior to Operations

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<b>Performance Standard 3: Resource Efficiency and Pollution Prevention</b>			
7.	IMM shall ensure that during construction all hazardous waste, including waste solvent, waste paint, waste chemical containers, and waste accumulators, is properly stored in a well-ventilated area, away from direct exposure to sunlight and away from the maintenance process, where secondary containment is installed and the basement is impermeable.	Waste Management Plan and procedures for construction	Dec. 31, 2014
<b>Performance Standard 4: Community Health Safety and Security</b>			
8.	Develop a procedure to implement construction area safety measures to protect the citizens, including barricading, control of the access near the construction area, traffic safety, control of the construction vehicles, clear demarcation of construction areas; proper illumination of areas; and provision of safety information to visitors.	Community construction safety measures	Dec. 31, 2014
<b>Performance Standard 5: Land Acquisition and Involuntary Resettlement</b>			
9.	Submit an updated report on land acquisition and compensation cases for the Investment Project, including the area of land and number of plots acquired, the form of acquisition (e.g. expropriation with compensation in accordance with local law, or a market transaction), and any court cases.	Land acquisition report	Dec. 31, 2014