

**Ecogal, Ecuador**  
**Environmental and Social Action Plan (ESAP)**

Item No.	Reference <sup>1</sup>	Action Item <sup>2</sup>	Product / Deliverable <sup>3</sup>	Anticipated Completion Date <sup>4</sup>
<b>PS 1: Assessment and Management of Environmental and Social Risks and Impacts</b>				
1.1	Environmental and Social Management System (ESMS)	<ul style="list-style-type: none"> <li>- Ensure that an ESMS is in place, which integrates the following elements: 1) policy, ii) identification of risks and impacts, iii) management programs; organizational capacity and competency; v) emergency preparedness and response; vi) stakeholder engagement; and viii) monitoring and review.</li> <li>- Further strengthen the organizational capacity by ensuring that Ecogal's environmental specialist has the authority to implement the ESMS. Also, ensure that the social specialist in charge of stakeholder engagement and the grievance mechanism has the authority to implement the relevant social elements of the ESMS.</li> </ul>	Procedures Manual for ESMS	December 2018
1.2	Permitting	Demonstrate continued compliance with permitting and reporting requirements required by national and local authorities.	Permit matrix	Annually
1.5	Grievance mechanism	Continue to engage with relevant stakeholders, document any grievances received (i.e. from airport users, NGOs, etc.) in the grievance log and resolve grievances within pre-established time limits.	Grievance log, including details on grievances received and Ecogal's responses.	During improvement activities, as well as during O&M.
<b>PS 2: Labor and Working Conditions</b>				
2.1	Grievance Mechanism	Continue to implement the worker grievance mechanism, including recording grievances in the log and resolving them according to the timeframes established in the grievance mechanism established.	Excerpt from grievance log	December 2018
2.2	Labor issues	Carry out regular workplace inspections and provide induction materials on labor rights to new employees, including subcontractors carrying out repaving of the runways. Carry out campaigns to socialize the labor rights of employees within Ecogal.	Example of inspection results and log of induction training	During improvement activities, as well as during O&M.
2.3	Occupational health and safety management systems	<ul style="list-style-type: none"> <li>• Develop an integrated Occupational Health and Safety Management System following the principles of OHSAS 18001.</li> <li>• Ensure that OH&amp;S hazards and risks are clearly identified for specific areas within the airport and communicate these risks and controls for how workers should mitigate these risks.</li> <li>• Further strengthen OH&amp;S within ECOGAL by designating an OH&amp;S specialist with the responsibility and authority to implement the OHS management system.</li> <li>• Ensure that occupational accidents, diseases and incidents are reported and communicated within Ecogal and its employees.</li> </ul>	<p>Workplan for OHSAS management system</p> <p>Example of Reviews/Findings of OH&amp;S systems</p>	<p>December 2018</p> <p>May 2019</p>

<sup>1</sup> This reference should correlate to the IFC Performance Standards and/or the WBG/IFC EHS Guidelines.

<sup>2</sup> Include a brief, concrete, and clear description of the action(s) that need to be undertaken to fill the gap and reach conformance with the requirement.

<sup>3</sup> Include specific deliverable(s) that are auditable and measurable and that will be supported with evidence.

<sup>4</sup> Indicate the specific date(s) associated with the action item. These dates should be associated with a project milestone (e.g., 60 days prior to construction completion, prior to First Disbursement). Remove "anticipated" for loan agreement document and only use for the ESAP used in the public disclosure document and board reports.

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		<ul style="list-style-type: none"> <li>Continue to conduct reviews of worker management and occupational health and management systems and capabilities of all contractors contracted for the Project.</li> </ul>		
2.4	Subcontractors	Continue to work with subcontractors going forward to include relevant environmental, social and occupational, health and safety requirements in contract clauses.	Evidence of requirements in contracts and any training provided to subcontractors on this topic.	During activities, as well as during O&M.
<b>PS 3: Resource Efficiency and Pollution Prevention</b>				
3.1	Noise	Minimize noise produced by high pressure water pumps for desalination plants that could affect behavior of wildlife. Minimize noise released to the environment by using filters in this plant, directing the noise to the ground.	Report the results of the noise monitoring and evidence of mitigation measures in place.	December 2018
3.2	Waste management	Continue to implement the waste management (solid and liquid waste) plans as detailed in the Environmental Management Plan (EMP).	Report on quantity and types of waste generated, as well as final disposal.	During improvement activities, as well as during O&M.
<b>PS 4: Community Health, Safety, and Security</b>				
4.1	Airport safety	Continue implementing Emergency Preparedness Drills.	Carry out emergency response drills annually at the airport.	During O&M.
<b>PS 5: Land Acquisition and Involuntary Resettlement N/A</b>				
<b>PS 6: Biodiversity Conservation and Sustainable Management of Living Natural Resources</b>				
6.1	Biodiversity monitoring	Develop protocols for Biodiversity Monitoring and Assessment Program (BMAP) for three principal indicators: Land iguanas, vegetation (cactus, palo santo) and invasive species.	BMAP Protocol, including indicators such as those referred to below.	December 2018
6.2	Wildlife management – Bird and animal strikes	Continue implementing the program to remove egrets from small ponds on Baltra near the airport as they are exotic species and their elimination could decrease the risk of air strikes; Also, continue with the program to relocate land iguanas found on and near the airstrip; continue to patrol the airstrip in the mornings when the iguana and other necessary measures to avoid iguanas from going to the airstrip. Collaborate with local authorities to make sure that speed limits are enforced and if there are hotspots of roadkill that there is an attempt to enforce speed limits in those areas to minimize roadkill from traffic coming from the airport to Baltra and Santa Cruz islands.	<p>Copies of annual reports submitted to the National Park of Galapagos on these programs.</p> <p>Include additional monitoring indicators in reports:            Include # of land iguanas relocated/month and # of land iguanas found basking/month in airport area; # egrets identified and # egrets seen near airport/month; # of road kills/month on Baltra and Santa Cruz.</p>	During improvement activities, as well as during O&M
6.3	Invasive species	Continue to work closely with the Biosecurity Agency of Galapagos to prevent the introduction of exotic species by ensuring that adequate controls are in place at the airport and measures are being taken on incoming planes to ensure that invasive do not enter the Islands through the aircrafts (i.e. checking for plants/insects/animals coming in with tourists, etc.). Collaborate with the National Park of Galapagos, the Charles Darwin Foundation and any other relevant stakeholders to promote initiatives that focus on preventing the introduction of invasive to the Islands, as well as eradicating exotic species.	<p>Update on collaboration with the Biosecurity Agency, the National Park of Galapagos and the Charles Darwin Foundation.</p> <p>Introduce additional monitoring indicators in reports:            # of exotic plants/insects/animals detected at or near the airport/month; # of new native plants established/year and # iconic fauna using them.</p>	During improvement activities, as well as during O&M.
<b>PS 8: Cultural Heritage N/A</b>				

