

CALCEM - Increasing production capacity of lime in Peru
Environmental and Social Action Plan (ESAP)

No.	Aspect	Action	Deliverable	Delivery date
PS 1: Assessment and Management of Environmental and Social Risks and Impacts				
1.1	Environmental and Social Assessment and Management System	1. Develop an Environmental and Social Management System (ESMS) Manual that briefly describes the Project's approach to, and references all policies, plans, and procedures to be applied to the Project related to: i) policy; ii) identification of risk and impacts; iii) management programs; iv) organizational capacity and competency; v) emergency preparedness and response; vi) stakeholder engagement; vii) external communications and grievance mechanisms; viii) ongoing reporting to affected communities; and ix) monitoring and review.	1. ESMS Manual	1. Prior to first disbursement
		2. Implement the ESMS.	2. Evidence of ESMS implementation	2. As part of the Environmental and Social Compliance Report (ESCR)
1.2	Gender Risks	1. Develop a Gender Management Plan to include: i) a Worker Code of Conduct specific to the Project that contains policies on: human rights; equity, diversity, and inclusion (EDI); and gender-based violence and harassment (GBVH); ii) training requirements for Project workers (including contractors) on the Worker Code of Conduct; and iii) measures to maximize Project benefits for women, including as workers and suppliers.	1. Gender Management Plan	1. Prior to first disbursement
		2. Implement the Gender Management Plan.	2. Evidence of implementation	2. As part of the ESCR
1.3	Organizational Capacity and Competency	1. Develop an Environmental and Social (E&S) Staffing Plan that describes the roles, responsibilities, and reporting lines of people, including contractors, that will be responsible for managing the Project's environmental, social, labor, and health and safety performance.	1. E&S Staffing Plan	1. Prior to first disbursement
		2. Implement the staffing plan	2. Evidence of implementation	2. As part of the ESCR
1.4	Stakeholder Engagement	1. Develop a Stakeholder Engagement Plan (SEP) specific to the Condorcocha facility and the Caripa Quarry to include sections on: i) stakeholder identification and mapping; ii) a summary of past stakeholder engagement activities; iii) a description of current and planned stakeholder engagement programs and activities; iv) a summary of current and planned social investment programs; and v) a summary of the Project's community grievance mechanism.	1. Stakeholder Engagement Plan	1. Prior to first disbursement
		2. Implement the SEP.	2. Evidence of SEP implementation	2. As part of the ESCR
1.5	Community Grievance Mechanism	1. Develop a Community Grievance Mechanism specific to external stakeholders that includes: i) detailed procedures for receiving, responding to, investigating, addressing, and documenting grievances from local communities; and ii) provisions for receiving and addressing the grievances of vulnerable groups, including local community members that speak an indigenous language and/or do not have access to technology.	1. Community Grievance Mechanism	1. Prior to first disbursement
		2. Implement the Community Grievance Mechanism.	2. Community grievances report (in the form of a matrix)	2. As part of the ESCR
PS 2: Labor and Working Conditions				
2.1	Occupational Health and Safety	1. Develop an Occupational Health and Safety (OHS) Plan specific to the CALCEM plant and Caripa Quarry.	1. Occupational Health and Safety Plan	1. Prior to the initiation of construction

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		2. Implement the OHS Plan.	2. Evidence of OHS Plan implementation	2. As part of the ESCR
PS 3: Resource Efficiency and Pollution Prevention				
3.1	Greenhouse Gases	1. Report annual GHG emissions for the Project.	1. Annual GHG emissions report	1. As part of the ESCR
3.2	Air Quality	1. Develop an Air Quality Management Plan (AQMP) specific to the Project.	1. Air Quality Management Plan	1. Prior to the initiation of construction
		2. Implement the AQMP.	2. Evidence of AQMP implementation	2. As part of the ESCR
3.3	Noise	1. Monitor the noise levels in Condorcoca.	1. Noise level monitoring reports	1. As part of the ESCR
		2. Develop an action plan should the noise levels exceed the limits contained in the World Bank Group General EHS Guidelines.	2. Action plan to control the noise levels that exceed the limits.	2. As part of the ESCR
		3. Implement the action plan.	3. Evidence of implementation	3. As part of the ESCR
3.4	Wastes	1. Develop a Wastewater Management Plan specific to the Project.	1. Wastewater Management Plan	1. Prior to the initiation of construction
		2. Implement the Wastewater Management Plan.	2. Evidence of implementation	2. As part of the ESCR
3.5	Pesticide Use and Management	1. Develop a Pesticide Management Plan specific to the Project that includes a prohibition on the use of WHO Class Ia and Ib pesticides.	1. Pesticide Management Plan	1. Prior to first disbursement
		2. Implement the Pesticide Management Plan.	2. Evidence of implementation	2. As part of the ESCR
PS 4: Community Health, Safety, and Security				
4.1	Community Health and Safety	1. Develop a Traffic Management Plan for the CALCEM plant and Caripa Quarry.	1. Traffic Management Plan	1. Prior to initiation of construction
		2. Implement the Traffic Management Plan.	2. Evidence of implementation	2. As part of the ESCR
4.2	Emergency Preparedness and Response	1. Update CALCEM's Emergency Preparedness and Response Plan (EPRP) to include procedures to: i) share information on the plan with local communities; and ii) notify them in the event of an emergency.	1. Updated Emergency Preparedness and Response Plan	1. Prior to first disbursement
		2. Implement the updated EPRP.	2. Evidence of EPRP implementation	2. As part of the ESCR
4.3	Security Personnel	1. Develop a Security Management Plan specific to the CALCEM plant and Caripa Quarry, to include: i) procedures to vet security guards for past human rights abuses; ii) use of force procedures; and iii) requirements for security guards to receive training in human rights and the use of force.	1. Security Management Plan	1. Prior to first disbursement
		2. Implement the Security Management Plan.	2. Evidence of implementation	2. As part of the ESCR
PS 6: Biodiversity Conservation and Sustainable Management of Living Natural Resources				
6.1	Protection and Conservation of Biodiversity	1. Conduct a Critical Habitat Assessment (CHA) for the Caripa Quarry.	1. Critical Habitat Assessment	1. Prior to initiation of Caripa Quarry construction
		2. Develop a Biodiversity Action Plan (BAP) with measures to ensure no net loss of natural habitat and, if identified in the CHA, a net gain of critical habitat.	2. Biodiversity Action Plan	2. Within 6 months of first disbursement
		3. Develop a Biodiversity Monitoring and Evaluation Plan (BMEP) with measures to monitor implementation of the BAP.	3. Biodiversity Monitoring and Evaluation Plan	3. Within 6 months of first disbursement
		4. Implement the BAP and BMEP.	4. Evidence of implementation	4. As part of the ESCR
6.2	Ecosystem Services	1. Conduct an assessment of the Caripa Quarry's potential impacts on ecosystem services that contains measures to manage identified impacts.	1. Ecosystem services assessment	1. Prior to initiation of Caripa Quarry construction
		2. Implement the management measures.	2. Evidence of implementation	2. As part of the ESCR
PS 8: Cultural Heritage				
8.1	Protection of Cultural Heritage	1. For the Caripa Quarry, develop an Archaeological Monitoring Plan that includes chance find procedures.	1. Archaeological Monitoring Plan	1. Prior to initiation of Caripa Quarry construction
		2. Obtain the Ministry of Culture's approval for the Archaeological Monitoring Plan.	2. Ministry of Culture's approval for the plan.	2. Prior to initiation of Caripa Quarry construction
		3. Implement the approved Archaeological Monitoring Plan.	3. Evidence of implementation	3. As part of the ESCR