

**Environmental and Social Action Plan - Menengai Geothermal Power Plant Project - Kenya
Final – August 2024**

Final - ESAP

#	Action	Deliverables	Timeline
Performance Standard 1: Assessment and Management of Environmental and Social Risks and Impacts			
1	<p>The Project Enterprise will develop and/ or update and/ or finalize and implement an integrated management system for the operations and maintenance phase, including but not limited to the following sub-plans:</p> <ul style="list-style-type: none"> i. Emergency preparedness and response plan including measures related to hydrogen sulfide emergency scenarios taking into account community information and drills ii. Grievance redress mechanism as part of the operations health, safety, environment, security and social management plan iii. Occupational health and safety management plan (taking into account hydrogen sulfide protection measures) iv. Noise management plan v. Pollution Prevention and Control management plan 	<p>Operations health, safety, environment, security and social (HSESS) Operations Management Plan;</p> <p>(i) – (v) Operations sub-plans</p>	<p>90 days prior to the start of operations</p> <p>(i) to (vi) 60 days prior to the start of operations</p>
Performance Standard 3: Resource Efficiency and Pollution Prevention			
2	<ul style="list-style-type: none"> a. The Project Enterprise will continue to participate on the Menengai field health, safety and environment (HSE) committee together with GDC and other independent power producers to among others oversee potential cumulative impacts related to: <ul style="list-style-type: none"> b. Air and odor emissions (including trends and percentage of non-condensable gases). <p>In the event that operational monitoring at community sensitive receptors reaches close to or exceeds the national air quality limits community receptors ($50 \mu\text{g}/\text{m}^3$), a continuous emissions monitoring campaign will be established by GML.</p> <ul style="list-style-type: none"> c. Groundwater monitoring 	<ul style="list-style-type: none"> a. HSE committee meetings of minutes b. air and odor emissions monitoring results c. groundwater monitoring results 	<p>a) 60 days after the effective date of the CoG</p> <p>(b) and (c) – information shared in the AMR.</p>
Performance Standard 6: Biodiversity Conservation and Sustainable Management of Living Natural Resources			

3	The Project Enterprise will (a) consult with relevant species experts on likelihood of occurrence of priority species flagged during desktop screening and (b) integrate any recommendation in the biodiversity management sub-plan	<ul style="list-style-type: none"> a. Evidence of consultation and the expert's response b. Update biodiversity management sub-plan (if required) 	<ul style="list-style-type: none"> a. Prior to Board b. 60 days after the effective date of the CoG
4	The Project Enterprise, commensurate with its control and influence, will encourage support of MFR objectives through the Menengai field health, safety and environment (HSE) committee together with GDC and other independent power producers.	Evidence of efforts to encourage MFR support by other developers.	120 days after the effective date of the CoG