

ENVIRONMENTAL MANAGEMENT PLAN

EMP

ONLY TO BE FILLED OUT IF SELECTED FOR FINANCING – NOT PART OF APPLICATION DOCUMENTATION

Version 8.0
December 12, 2023

EMP procedures are in detail described in the IF Environmental and Social Management Framework (ESMF). Environmental and Social Management Framework specifies environmental and social procedures for implemented projects to adhere to, including Environmental Management Plan, which are consistent with Serbian national legislation and safeguard policies.

Project IF ID: 53198

I. MITIGATION PLAN

No.	Phase	Issue	Mitigating Measure	Cost of Mitigation (If Substantial)	Responsibility*	Supervision observation and comments (to be filled out during supervision)
1	Construction	<ul style="list-style-type: none"> •Potential air pollution from dust and emissions during equipment installation and site preparation. •Noise pollution from machinery and equipment during setup. 	Implement dust control measures, such as water spraying and dust suppressants, to ensure all machinery is well-maintained and minimize emissions.	Visan already has contracts with companies performing these services.	VISAN	



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		<ul style="list-style-type: none"> •Waste management during site preparation and installation. • • 	<p>Use of noise-dampening equipment and scheduling construction during non-sensitive hours.</p> <p>Proper disposal of waste materials and recycling materials wherever possible; use waste management services.</p>			
1	Operation	<ul style="list-style-type: none"> •Waste generation from the production process, including by-products and packaging waste. •Energy consumption and carbon emissions from production processes. •Water usage and potential contamination from the production process. • • 	<p>Implement a waste management plan that includes recycling and reusing by-products and proper disposal of non-recyclable waste.</p> <p>Use energy-efficient machinery and renewable energy sources where possible; monitor and optimize energy use</p>		VISAN	

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			<p>regularly.</p> <p>Implement water-saving technologies to ensure proper treatment of wastewater before discharge.</p>			
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*Items indicated to be the responsibility of the contractor shall be specified in the bid documents

II. MONITORING PLAN

No.	Phase	What parameter is to be monitored?	Where is the parameter to be monitored?	How is the parameter to be monitored/ type of monitoring equipment?	When is the parameter to be monitored- frequency of measurement or continuous?	Monitoring Cost What is the cost of equipment or contractor charges to perform monitoring?	Responsibility	Supervision observation and comments (to be filled out during supervision with reference to adequate measuring reports)
1	Construction	Dust levels Noise levels	Construction site perimeter Near residential or sensitive areas around the site	Regular air quality monitoring using dust sensors. Noise level monitoring using sound level meters.	Weekly Monthly	Visan already has contracts with companies performing these services.	VISAN	



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1	Operation	Waste output (solid and liquid). Energy consumption. Water usage and quality.	Production site.	Regular waste audits and tracking. Energy use monitoring with meters. Water meters and quality tests.	Monthly and continuous.	Visan already has contracts with companies performing these services.	VISAN	
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III. PUBLIC CONSULTATION DETAILS AND MINUTES OF MEETING FOR THE ENVIRONMENTAL MANAGEMENT PLAN

In a separate document provide details on:

1. Manner in which notification of the consultation was announced: media(s) used, date(s), description or copy of the announcement
2. Date(s) consultation(s) was (were) held
3. Location(s) consultation(s) was (were) held
4. Who was specifically invited (Name, Organization or Occupation, Telephone/Fax/e-mail number/address (home and/or office)?)
5. List of Attendees (Name, organization or occupation, contact details)
6. Meeting Agenda
7. Summary Meeting Minutes (Comments, Questions and Response by Presenters)
8. List of decisions reached, and any actions agreed upon with schedules and deadlines and responsibilities.



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INTERNAL USE:

INTERNAL IF USE Form checked and reviewed by the Innovation Fund: External environmental and social management provider (ESMP) Approval of EMP	
Date	
Name	
Title	External environmental and social management provider (ESMP)
Signature	