Ref.	Phase	Commitment	Topics	Responsibility	Source Document	Management Plan Reference	Project Worksite
0	1	2	3	4	5	6	8
1	Construction	<ul> <li>Maintain a Project mandatory 250m buffer zone between temporary construction compounds (laydown, waste, parking area, stockpiles) and the L-S Protected Area</li> <li>Construct new road sections following site clearance and stockpile management requirements, including ensuring any stockpiles are covered to minimise dust events.</li> <li>Excavation, handling and transport of erodible materials shall be avoided under high wind conditions where practicable.</li> <li>Dise water (from a sustainable source) or other control measures such as chemical bonding agents or aggregate to control dust.</li> <li>Demarcate delivery roads and access tracks at site and ensure all workers stick to demarcated areas.</li> <li>No plant or equipment to be stored less than 250m from the L-S Protected Area</li> <li>No onsite cement batching - use existing concrete batching plants in the local area for cement production or use pre-cast concrete blocks</li> </ul>	Air emissions Construction dust	EPC contractor	ESIA 2024	Pollution Prevention & Control Plan	Site Construction Laydown Area Temporary Access Roads
	Construction	<ul> <li>Mitigation of impacts in relation to generation of dust and vehicle / machinery emissions will be managed through the development of the CESMP and CTMP for the construction phase which will specify appropriate measures for the management of dust and fugitive emissions:</li> <li>Senstruction Traffic Management Plan (CTMP) to incorporate all relevant mitigation measures for vehicle movement nearby and within the project areas</li> <li>Sinimise open excavation areas</li> <li>Anterials will be transported in conditions that ensure this by wetting the material, covering it, using trucks with buckets/containers suitable for the type of material transported, etc.</li> <li>Sourd construction materials will be handled in such a way as to reduce the level of particles that atmospheric currents can carry to a minimum.</li> <li>Be activities of loading/unloading means of transport, which generate dust in periods of strong wind, will be avoided.</li> <li>Siminise vegetation clearance (when is possible) to reduce exposure of bare soil, and revegetate cleared areas as soon as possible;</li> <li>Burning of nay material anywhere on construction sites banned;</li> <li>Suming of any material anywhere on construction sites banned;</li> <li>Sestrict vehicle speeds on construction sites and all access roads to minimize potential generation of dus;</li> <li>Senduct periodic, checks, according to the legislation in the field, for the machines and means of transport involved in the construction works, so that they are in good technical condition and on on emit exhaust gases beyond the permitted limits.</li> <li>Sen ondern machines and equipment, which respect the EURO standards regarding the construction of new engines, respectively the emission control systems, considering the global trent of manafacturing engines with low fuel consumption on power unit and restrictive emission in the exhaust gases, if there will be excesse of the allowed indicators (exceeding the limits approved by the technical books of the machined, hey wi</li></ul>		EPC contractor	ESIA 2024	Pollution Prevention & Control Plan	All Project Worksites
2	Operation and maintenance	<ul> <li>To reduce the impact on the air environment factor, the following general measures will be taken, considering that the operational project does not pose any risks associated with emissions to air:</li> <li>Periodic checks will be carried out on machinery and road/site vehicles so that they are in good technical condition and do not emit exhause gases beyond the permitted limits</li> <li>Waste will be stored in specially arranged places for the shortest period of time</li> <li>Exploitation roads will be maintained</li> <li>Maximum travel speeds of vehicles used in maintenance will be imposed</li> <li>Planning and complying with the maintenance and operation plans of the PV plant, carrying them out in a safe manner.</li> </ul>	s Air emssions	Projecy owner/ O&M contractor	ESIA 2024	OESMP	Project site
3	Design/Contract/ Construction	<ul> <li>• All equipment to have a noise level of less than 85dB(A) at 1m from the equipment.</li> <li>• Beduce project traffic routing through community areas wherever possible (consider exclusion of Access option 3)</li> <li>• Baseline noise assessment and access point at representative receptors in Polkovnik Lambrinovo and along R218</li> </ul>	Noise	Project owner	ESIA 2024	Pollution Prevention & Control Plan	All Project Worksites

	• No noisy or high-noise activities are to be undertaken outside regular working hours (7 am to 6 pm) without prior approval of the Project Company.	Noise	EPC contractor	ESIA 2
	•Eocate all equipment and laydown area at least 250 m from any sensitive receptors (specifically ).			
	•All observations and non-conformances will be managed through a corrective action tracker and reviewed weekly. and L-S Protected Area.			
	•No blasting without prior approval of the Project Company.			
	•Equipment maintenance, and noise/ vibration emissions and monitoring during construction will be managed through the development of a robust Construction Environmental			
	Management Plan (CEMP). The mitigation measures for noise impacts will include, as a minimum, the following:			
	• Adhering to a speed limit of 15-20km/h for trucks on the construction site			
	•Development of the CTMP (see mitigation measures propose for traffic management);			
	•Taking advantage of the natural topography as a noise buffer during facility design			
	<ul> <li>Temporary acoustic screening if required; installing acoustic enclosures for equipment casing radiating noise</li> </ul>			
	•Select equipment with lower sound power levels			
	Bistall suitable mufflers on engine exhausts and compressor components			
	Bistall vibration isolation for mechanical equipment			
	• Evoid simultaneous work activities that generate high levels of noise/ vibration emissions;			
	• Prior notification of local residents in case of important work activities that generate noise and/or vibrations;			
	Bestriction of construction activities to daytime hours and weekdays;			
	•Eimiting the hours of operation for specific pieces of equipment or operations, especially mobile sources operating through community areas			
	•Developing a mechanism to record and respond to complaints			
	•Monthly noise measurements of the noise level at the nearest sensitive receivers will asist in demonstrating compliance of construction activities with required noise levels. The noise level			
	will be measured near the nearest house or other sensitive receptor in Polkovnik Lambrinovo (minimum of 2 points) and at the access road of the PV plant from road 218 during the			
	material transport activities and compared to the admissible limits.			
	<ul> <li>Monitor the grievance log for noise-related complaints.</li> <li>Conduct noise monitoring in case of a noise complaint or evidence of exceedance of community noise guidelines values.</li> </ul>			
Construction	Mitigations to address soil compaction and erosion:	Geology and soil	EPC contractor	ESIA 2
	• Sites/vegetation clearance, sites preparation, excavations, and improvement of existing roads and construction of additional access roads should not be carried out during periods of			
	torrential rain or storms and heavy wind, to minimize compaction and erosion;			
	•Grade temporary access roads so their slope is not too large to avoid the build-up of fast-running run-off water during extreme precipitation events.			
	<ul> <li>Behabilitation interventions in the priority areas (i.e. areas where there is a low likelihood of natural revegetation or where areas are prone to compaction and erosion from surface runoff)</li> </ul>			
	should be prioritised;			
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Pollution Prevention & All Project Worksites **Control Plan** 

SIA 2024

Topsoil Management and Site

Site Reinstatement Plan Construction Laydown Area Temporary Access Roads

Construction	Mitigations to addresss soil contamination:	Geology and soil	EPC contractor	ESIA 2
	•Contract a licensed contractor to collect, transport and treat domestic, construction and hazardous wastes from Project sites,			
	• Prohibit dumping any types of solid waste to the soil, or burning waste of sites,			
	•Ensure that hazardous materials are stored in designated areas that are designed with impermeable floor, inflammable walls and accessible to authorized personnel,			
	• Pazardous waste shall be properly managed in accordance with existing legislation on hazardous waste			
	•Maintenance works are restricted to specially designated platforms with strict control of accidental spills,			
	• Procedures for responding to emergencies / accidental spills of hazardous materials, fuel and handling, and waste management are developed and implemented,			
	• In case of accidental/unintended spillage, the contaminated soil should be immediately collected and stored as hazardous waste.			
	•Dil interceptors and silt traps shall be implemented to manage and retain sediments on site for surface water runoff.			
	•Spill containment and clean-up kits will be available on-site, and clean-up from any spill shall be appropriately contained and disposed of at a bound landfill site.			
	• Preparation of guidelines and procedures for immediate clean-up actions following any oil, fuel or chemical spillages.			
	•Develop a site-specific Emergency Response Plan for soil clean-up and decontamination.			
	• Implement a training program to familiarize staff with emergency procedures and practices related to contamination events.			
	•Develop and implement a waste management plan (as part of the cESMS) to ensure that waste is disposed of correctly such that soil contamination is minimized.			
	•Bund of areas where hazardous substances are stored (e.g., fuel, waste areas).			
	• Euel, oil, and used oil storage areas shall be contained in bunds of 110 per cent capacity of the stored material;			
	•Refuelling shall be carried out in designated areas using strict protocols			
	•Construction vehicles/pieces of machinery and equipment shall be serviced regularly at off-site locations;			
	•Ensure that all construction plant and equipment are maintained in a good state of repair with minimal leaks;			
	•Ensure storage areas have impermeable floors and containment of capacity to accommodate 110% of the volume of the largest waste container;			
	• Rehabilitation and re-vegetation of cleared areas adjacent to the project development area. In addition, after completion of construction, all the temporary roads and embankments will be			
	reinstated, lands will be re-cultivated, and the micro relief will be reproduced.			
	• Adequate sanitary facilities should be provided for the construction workforce. One mini toilet is recommended for every seven workers and not less than 1:15 workers.			
	•Eicensed companies shall be contracted to manage and dispose of wastes, wastewater and sludge from the septic tank.			
:			<b>.</b>	
Pre-construction	•Ensure all compensation is paid prior to commencement of construction activities	Land Use	Project owner	ESIA
Construction	<ul> <li>Activities within the perimeter will be carried out on strictly necessary areas provided by the project, without occupation of additional land.</li> </ul>	Land Use	EPC contractor	ESIA 2
	• Donstruction equipment and means of transport will only transit the areas provided by the project, on well-established routes, without affecting additional land surfaces.			
	• Materials, raw materials and/or waste warehouses will not be set up in the vicinity of the locations, on other surfaces than those provided by the project (existing project boundary).			
	• The technological processes that produce a lot of dust, such as the case of earth fillings, will be reduced in periods of strong wind or a more intensive wetting of the surfaces will be carried			
	out, to avoid affecting the use of the neighbouring lands.			
	• Waste will be temporarily stored strictly in the areas provided by the project, until it is handed over to specialised companies in order to take over the waste from the site - this will ensure			
	waste generated by way the project will not adversley impact areas outside the site.			
	•After completion of construction works, the contractor will sanitise and restore all the surfaces used for any purpose during the works, in a way that meets the environmental protection			
	measures. Thus, areas temporarily removed from agricultural use will be returned to agricultural use after completion of construction.			
	•Doon the completion of construction activities, fully reinstate leased land and ensure it is handed over in its original conditions, to the extent possible			

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SIA 2024

Pollution Prevention & Site Control Plan;

Construction Laydown Area Waste Management Plan Temporary Access Roads

SIA 2024

Compensation records Poject

SIA 2024

Pollution Prevention & All Project Worksites Control Plan

Construction/ Mitigation measures to address impact on water quality (groundwater and surface water resources): Groundwater and surface EPC contractor ESIA 2024 Pollution Prevention & All Project Worksites operations • Prohibit groundwater for potable or construction-related purposes. **Control Plan** • Ensure the drainage system includes a containment system for collecting intermittent contaminated wastewater streams, from abnormal operating scenarios or during wet cleaning of panels (maximum of 4 times per year). •Portable latrines or septic tanks are to be installed at least 250 m away from the site boundary (in particular, in the northwest of the site near the L-S Protected Area). •All concrete will be delivered to the site pre-mixed or pre-cast from third parties with approved water use licences • Indertake groundwork to ensure appropriate site drainage (avoiding contamination runoff risk). • Indertake due diligence of the WWTP in Silistra for alignment with GIP •No storage or laydown areas within 250m of the L-S Protected Area boundary or off-site residential receptors • Install sediment traps and culverts as part of the drainage infrastructure around the Project sites prior to clearance and earthorks, so as to prevent any sediment run-off into the surrounding area. • Provide culverts along new access roads to facilitate drainage along with ditches. Where practical, exposed surfaces and friable materials should be covered. Provide sufficient toilets at active work areas for staff and workers and these should be serviced regularly by a competent and suitably gualified person. • Contractors and applicable Project staff should be trained regarding proper methods for transporting, transferring and hazardous substances that have the potential to impact water resources • Breas where spillage of contaminants occurs should be excavated (to the depth of contamination) and suitably rehabilitated. If any other minor spillage occurs, it should be cleaned immediately, and the contaminated area should be rehabilitated. • The washing of Project vehicles in any surface water bodies in and around Project site(s) will be strictly prohibited. All Project vehicles should be washed at designated washbays on site/s. These wash bays will include oil/grease and sediment traps for grey water Undertake concrete washout in designated and signed areas to prevent leaks or spread of wastewater. • Construct the concrete washout area and maintained it in sufficient quantity and size to contain all liquid and concrete waste generated by washout operations. •The concrete washout area will have an impermeable surface with dedicated drainage systems. • Indertake the removal of any sludge residues as solid hazardous waste only by a licensed waste/wastewater contractor and handle as a hazardous waste. • Prevent any ad-hoc maintenance of vehicles/equipment in and around the Project site(s). All vehicles/equipment should be maintained at a designated workshop. The workshop will include an oil/grease trap. • Maintain all active work areas in a good and tidy condition; debris and waste should be contained in such a way that they cannot become entrained into surface run during periods of heavy rain. Management of sewage shall be by a licenced contractor. • Provide hazardous waste storage areas with secondary containment. Moreover, hazardous waste should be stored in sealed/covered containers to prevent rainwater intrusion. • Provide all dangerous and hazardous material stores and handling areas with secondary containment capable of holding 110% of the total capacity of all tanks/vessels • Confine the loading and unloading of dangerous and hazardous material to areas that are provided with secondary containment and in line with hazardous material handling procedures. •Develop and implement a grievance procedure in the event of any water reduction and subsequent water availability complaints being received. ESIA 2024 Stakeholder Engagement All Project Worksites Construction Groundwater and surface Project owner water Plan Construction EPC contractor will develop a Wastewater Management Plan in compliance with Bulgarian legislation, IFI Requirements and GIIP (Good international industry practice) that will also include Wastewater EPC contractor ESIA 2024 Waste Management Plan All Project Worksites measures to ensure: • The construction contractor must ensure that the temporary offices have adequate wastewater handling and disposal facilities. Their disposal must be made in close collaboration with the local government authorities (i.e., municipalities) and licensed companies. •Excavation must not occur in extreme weather conditions (rain, strong wind). • Prohibited to discharge of the resulting water during the construction period, on the ground, on the site or in the vicinity. •The removal of the oil products accidentally leaked from the machines in operation will be carried out using absorbent materials that will then be stored in specially arranged spaces and handed over to the authorized units for collection and/or disposal. • The handling of materials or other substances used in technologies will be carried out in such a way as to avoid their dissolution and entrainment by precipitation waters. • Equipment and means of transport will be periodically checked to avoid the possibility of accidental leaks due to their defects. • The storage of materials within the organization of the construction site must ensure the security of the warehouses and adequate and efficient handling, all this to avoid losses and accidental pollution. • Washing of means of transport and equipment will be done exclusively in areas specially arranged for such operations. • Avoidance of refuelling on site to prevent oil spills. If this is not possible, procedures will be developed to avoid accidental spillage, like providing drip trays and bunding for storing fuel and waste chemicals/ substances. In case of accidental leakage of petroleum products, absorbent substances will be applied immediately. • Responsible storage and disposal of liquid effluents such as sewage from temporary accommodation using certified disposal companies. • Intermediate warehouses of bulk construction materials, which can be washed away by rainwater and can pollute the soil, subsoil and underground water, must be stored in closed or covered spaces; the materials will be transported in conditions that limit the pollution of the atmosphere by sprinkling the material, covering it, using trucks with buckets/containers suitable for the type of material transported, etc. • The work schedule must prevent the overloading of the site with materials, as well as the too-long storage of material stocks on the site. •Technology for executing the project's objectives will be respected, taking measures to prevent and combat accidental pollution. • Comply with the environmental and execution conditions of the works imposed in the project for the execution of the works.

Good general housekeeping.

• Conduct continuous training and education awareness of all project employees regarding waste management practices to avoid reducing the risks of waste generation and potential impact during the construction phase.

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Design/ construction • Project contracts to obligate the Project PV panel suppliers to remove panels for recycling • Dentify recycling options for waste, such as any electric waste, broken PV panels/modules, packaging waste, etc., through authorized/licensed waste management companies.

• Ensure selected PV modules include all costs for returning and decommissioning PV panels (intermittently during operation and end of life).

• Prohibit the following materials in the EPC Contract / Procurement Policy

- o \Lambda sbestos
- o PCB containing materials
- ollead-based paints

oPesticide, herbicides as defined under the Stockholm Convention

FPC contractor FSIA 2024

Solid waste

Waste Management Plan All Project Worksites

٨	Construction	<ul> <li>Develop a construction site Waste Management Plan (as part of the cESMS)</li> <li>Bequire EPC contractor to conduct a duty of care audit for proposed general waste, construction waste, hazardous waste and recycling facilities in the municipality and region to confirm compliance with GIIP for acceptance by the Project Company.</li> <li>EPC contractor to ensure all subcontractors use approved waste disposal routes only following the outcomes of the waste due diligence audits.</li> <li>Site all temporary onsite waste storage areas at least 200 from the L-S Protected area</li> </ul>	Solid waste	EPC contractor	ESIA 2025	Waste Management Plan	All Project Worksites
4	Construction/ operation	The EPC contractor and O&M contractor will develop a Waste Management Plan appropriate to the project stage in compliance with Bulgarian legislation, IFI Requirements and GIP that will also include measures to ensure:  • Offices have adequate waste handling and disposal facilities. Arrangements for collecting non-hazardous and hazardous wastes must include on-site waste bin equipment provisions. Waste bins are recommended to be segregated according to the waste stream, e.g., organic, hazardous, paper/cardboard, plastic, and metallic waste. Their disposal and recycling must be made in close collaboration with the local government authorities (i.e., municipalities) and licensed waste recycling companies. Provision of chemical/ mini tollets for workers at the base camp must be in the ratio of 17.3 nd maximum of 11.51 (tollet to workers), respectively, to maintain hygienic and clean surroundings. • Bood/organic waste and recyclables, such as paper, plastic, scrap metal waste, etc. must be appropriately segregated and stored in designated waste bins/containers and periodically deposited in approved disposal areas or sold to licensed recycling companies. • Bruser electrical waste (consumbles, spare parts and obsolete equipment) and broken solar panels are adequately packed and sent back to the manufacturer or reused in other forms and location; • Segregation, reuse and, where feasible, recycling of wastes by registered operator; construction contractor must follow the 3R policy to manage the solid wastes • Maste storage/collection areas shall be fenced, laid at the bottom within solid impermeable bunding with 10% capacity of storage containers, to avoid contamination of solis, surface and groundwater in the event of spillage/leakage. • Woidance of refuelling on site to prevent windblown litter across and outside site. • Good general housekeeping: • Bood stranger format by shall be filled out to determin	I Solid waste	EPC contractor	ESIA 2026	Waste Management Plan	All Project Worksites
5	Construction	●卧-situ testing of soil to ensure it is not contaminated and can be reused or disposed into land. ●Iraining – contractor staff to be able to identify signs of potential contamination (smell of HC, staining).	Solid waste	EPC contractor	ESIA 2024	Construction Waste Management Plan	All Project Worksites
7	Construction	<ul> <li>Implement relevant construction standards (e.g. 'Construction Code of Practice for the Sustainable Use of Soils on Construction Sites' – DEFRA, 2009).</li> <li>Demarcate the construction zone or servitude for the TL corridor on a map and on the ground clearly using high visibility tape for instance, to avoid impacting on sensitive areas outside of the permitted construction area</li> <li>Avoid locating construction camps and material/equipment laydown areas within or near identified natural or semi-natural habitat</li> <li>Other is a sensitive of the sensitive read of the sensitive construction camps and material/equipment read within or near identified natural or semi-natural habitat</li> <li>Other is a sensitive read of the sensitive construction camps and material/equipment read of the sensitive read of the sensi</li></ul>	Designated and protected areas	EPC contractor	ESIA 2024	Biodiversity Management Plan	All Project Worksites
	Pre-construction	<ul> <li>Prior to financing, conduct Critical Habitat Assessment for potential critical habitat triggers (e.g. based on CH criteria i, v, vi per EBRD PR6) for the potential trigger species highlighted in the ESIA</li> <li>Design where possible lighting that is activated to work only during movement and the emitted light should be outside the ultraviolet spectrum if possible - for some types of insects, amphibians and reptiles, this can reduce their barrier effect or disorientation in space. For nocturnal birds of prey, it will reduce the element of anxiety</li> <li>Before the start of construction and during all stages of the construction, a team of environmental biodiversity experts must be present to the territories and, if necessary, remove amphibians or reptiles from the areas intended for construction, in accordance with the construction scheme. Thus, the probability of mortality of individuals will be significantly reduced.</li> </ul>	Habitats Habitat loss / degradation / fragmentation	Project owner/EPC contractor	E ESIA 2025	CHA report	Site

Construction	<ul> <li>Worker/contractor training/awareness, supervision regarding impacts to animals and protection of species</li> <li>Prohibit poaching and interactions with fauna and flora in the worker code of conduct</li> <li>#void locating construction camps and material/equipment laydown areas within or near identified natural or semi-natural habitat</li> <li>Develop a suitable post-construction habitat restoration plan for temporary areas used during construction</li> <li>Use existing access roads or upgrade existing roads wherever possible before considered new access road construction</li> <li>Elace appropriate limits on the number of vehicle movements to and from the Project site</li> <li>Restrict vehicles to the use of authorized access roads only</li> <li>Prohibit the use of herbicides to limit the spread of grass, tree and shrub vegetation in PP areas - this will limit possible negative effects on insects, amphibians and entrants, such as mortality or possible, storage of materials should only be in areas around the airport runway - this will lead to limiting effects of temporary soil damage and reducing the area for reproduction, development and foraging in most animal groups and will reduce unnecessary trampling of territory and changes in mechanical composition which is important to invertbartes</li> <li>During construction, minimise impacts such as trampling, passage of heavy equipment and storage of materials as this limit disturbances, reduces affected areas and limits potential deaths of individuals (plants, invertibrates, small mamals, amphibiansetc), i.e. the impact on species will be limited to the areas of construction and will not cause adverse impacts over larger areas.</li> <li>All activities should be carried out only during the daylight hours to reduce the anxiety of nocturnal animals.</li> <li>In the event that a fence is installed - provide access areas/passages through which rabbits, foxes, jackals, land turtles and other small species can pass. The size of the opening must be not less than</li></ul>	Habitats Habitat loss /degradation / fragmentation -General provisions	EPC contractor	ESIA 2025	Biodiversity Management All Project Worksites Plan
19 Construction	• Apply a rotation scheme on small areas moving from east to west to remove vegetation around the PV facilities - panels, inverters and others in accordance with the instructions of an ecologist/biologist, as a result of monitoring (before starting removal activities of vegetation). This will enable species from the groups of amphibians, reptiles, mammals and partially from invertebrates to move to neighbouring territories and limit disturbance and possible mortality.	Habitats Habitat loss / degradation / fragmentation	EPC contractor	ESIA 2026	Biodiversity Management All Project Worksites Plan
20 Construction	<ul> <li>Check for introduction of species included in the list of invasive and potentially invasive alien species (of higher plants for Bulgaria, indicator SEBI10 - Invasive alien species for Europe (source EAES http://eea.government.bg/bg/soer /2010/biodiversitv-nem/biologichno-raznoobrazie-natsionalna-ekologichna-mrezha-1)</li> <li>Compile a suitable invasive alien plant (IAP) species control plan and programme to manage IAP's within the control of the development</li> <li>Implement IAP species surveillance and control plan within areas in the projects control, focusing particularly on areas of natural habitat</li> <li>Monitor IAPs to inform further management intervention</li> </ul>	Habitats Introduction/spread of invasive species	Project owner/EPC contractor	ESIA 2024	Invasive Species All Project Worksites Management Plan
21 Construction	<ul> <li>Implement buffer zones or exclusion areas around important nesting or foraging sites to minimize disturbance</li> <li>Avoid site clearance during the bird breeding season. Where not, use ecological clerks of works (ECoW) to identify nests and avoid until young have fledged</li> <li>Implement construction practices that minimize noise and vibration disturbance, such as scheduling activities outside sensitive bird breeding periods or using noise barriers</li> <li>Avoid site clearance during the breeding season. Where avoidance is not possible, use (ECoW) to prepare the environmental documentation on delivery of ecological requirements on site before construction activities commence in order for contractors to meet key development milestones; The ECoW will monitor that site based construction activities are delivered in accordance to relevant laws and Project commitments;</li> </ul>	Birds Habitat loss /degradation / fragmentation	Project owner/EPC contractor	E ESIA 2024	Biodiversity Management All Project Worksites Plan
Construction	•Bhstall fence and mark work areas to minimise effects of vegetation clearance on birds.	Birds Direct Mortality Installation of overhead transmission lines and pylons	EPC contractor	ESIA 2024	Biodiversity Management All Project Worksites Plan
23 Construction	<ul> <li>Conduct thorough surveys to identify and protect nesting sites before construction begins. Implement buffer zones around active nests and restrict construction activities within these areas during breeding season</li> <li>Bit suitable bird diverters at 5m intervals on OHTL</li> <li>Bistall insulation, covers, and other avian protection devices on electrical equipmenton OHTLs to prevent perching and contact. Regularly inspect and maintain the electrical infrastructure to ensure its effectiveness in mitigating electrocution risks.</li> </ul>	Installation of overhead transmission line and pylons	Project owner/EPC contractor	E ESIA 2024	Biodiversity Management All Project Worksites Plan
Pre-constructi	<ul> <li>Conduct pre-construction checks for presence of bat roosts near construction sites</li> <li>Emplement noise reduction measures to minimize noise-related disturbance near bat roosts</li> <li>Control of lighting to prevent light spill outside of construction areas through use of directional cowls</li> </ul>	Bats Habitat loss /degradation / fragmentation	Project owner/EPC contractor	E ESIA 2024	Biodiversity Management All Project Worksites Plan
Construction a operation	<ul> <li>         •Establishing buffer zones around bat roosts         •Adjust construction schedules to avoid sensitive periods         •Binplement proper lighting protocols to minimize disturbance     </li> </ul>	Bats Direct mortality	Project owner/EPC contractor	E ESIA 2024	Biodiversity Management All Project Worksites Plan
Construction a operation	<ul> <li>In the areas where no PV installations are constructed, but are part of the plant's service areas, grass and shrub vegetation should not be removed or should be revegetated. This will enable these areas to serve as temporary and permanent refuges for amphibians, reptiles, mammals and invertebrates</li> <li>Prohibit the use of pest control measures (rodenticides) to limit the population of rodents - it will cause unwanted mortality among rodents, but also re-poisoning of predatory mammals or birds.</li> </ul>	Mammals Habitat loss /degradation / fragmentation. Direct loss of species	Project owner/EPC contractor	E ESIA 2024	Biodiversity Management All Project Worksites Plan
Construction	<ul> <li>Establish exclusion zones or limiting construction activities in close proximity to active burrows</li> <li>Bse noise barriers and mufflers on construction equipment when woprking near active burrows</li> </ul>	Mammals Noise and vibration	EPC contractor	ESIA 2024	Pollution Prevention and All Project Worksites Control Plan
28 Construction 29	• Implement a relocation plan. This involves capturing and translocating reptiles to suitable habitats away from the construction zone, ensuring their safety; Implement measures to avoid disturbance of burrows or resting places such as set back distances or timing of works	Mammals Habitat loss /degradation / fragmentation	EPC contractor	ESIA 2024	Biodiversity Management All Project Worksites Plan

30	Construction	•Implement strict noise and disturbance control measures during construction phase. This includes limiting construction activities during sensitive periods	Mammals Habitat loss /degradation / fragmentation Noise	EPC contractor ESIA 2024	Biodiversity Management Plan	All Project Worksites
	Construction	<ul> <li>Before the start of construction and during all stages of the construction, a team of environmental biodiversity experts must be present to the territories and, if necessary, remove amphibians or reptiles from the areas intended for construction, in accordance with the construction scheme. Thus, the probability of mortality of individuals will be significantly reduced.</li> <li>Establish buffer zones and construction exclusion zones around sensitive herpetofauna habitats to minimize disturbance</li> </ul>	Herpetofauna Habitat loss /degradation / fragmentation	EPC contractor ESIA 2024	Biodiversity Management Plan	All Project Worksites
31 32	Construction	• Emplement noise and vibration mitigation measures such as limiting noisy activities during sensitive periods (e.g., breeding season) and use equipment with noise reduction technologies.	Herpetofauna Noise and Vibration Disturbance	EPC contractor ESIA 2024	Biodiversity Management Plan	All Project Worksites
33	Construction	<ul> <li>Establish avoidance and exclusion zones around known reptile habitats to minimise risk of direct impacts. Clearly mark and communicate these zones to construction personnel to ensure compliance;</li> <li>Emplement a relocation plan. This involves capturing and translocating reptiles to suitable habitats away from the construction zone, ensuring their safety;</li> <li>Provide comprehensive training to construction workers and equipment operators on reptile conservation and the importance of implementing mitigation measures</li> </ul>	Herpetofauna Direct loss of species	Project owner/EPC ESIA 2024 contractor	Biodiversity Management Plan	All Project Worksites
	Construction	<ul> <li>Provide comprehensive training to construction workers and equipment operators on reptile conservation and the importance of implementing mitigation measures; Plentify and compensate all land users for reduction in subsidies, including both formal and informal land users and prior to accessing the land;</li> <li>Provide comprehensive training to construction workers and equipment operators on reptile conservation and the importance of implementing mitigation measures; Provide compensation for loss of assets at replacement cost;</li> <li>Provide comprehensive training to construction workers and equipment operators on reptile conservation and the importance of implementing mitigation measures; Ensure appropriate disclosure of information, consultation, and the informed participation of those affected;</li> <li>Provide comprehensive training to construction workers and equipment operators on reptile conservation and the importance of implementing mitigation measures; Ensure appropriate disclosure of information, consultation, and the informed participation of those affected;</li> <li>Provide comprehensive training to construction workers and equipment operators on reptile conservation and the importance of implementing mitigation measures; Emprove or, at a minimum, restore the livelihoods and standards of living of affected persons to pre-project levels, so as to facilitate sustainable improvements to socio-economic status;</li> </ul>	Livelihood	Project owner/EPC ESIA 2024 contractor	Land Acquisition and Livelihoods Restoration PlanPlan	All Project Worksites
34	Construction	<ul> <li>Where possible seek to unbundle procurement contracts so that local community members have a greater chance of supplying the Project and advertise procurement contracts locally and in local languages.</li> <li>Confirm Silistra District communities will be considered 'local' for the purpose of local hiring.</li> <li>Where possible (i.e., the suppliers are competitive and can meet the technical requirements which need to be achieved), the Project Company (and their contractors) will seek to procure materials and services from SMEs based in the neighbouring locations to ensure that the positive effects of using SMEs are experienced as close to the Project site as possible to enhance the positive benefits of the Project at this location. This includes SMEs owned by women which shall be identified by the Company during the Project execution stage. Details will be included within the Contractor and Supply Chain Management Plan.</li> </ul>	Income	Project owner/EPC ESIA 2025 contractor	Contractor and Supply Chain Management Plan.	Project sites
35 36	Construction	<ul> <li>Selection criteria, job profiles, and number of workers for the construction phase with specific attention to the enhancement of the local community, women, and vulnerable groups' employment.</li> <li>Elear communication of required involvement of local workforce and local companies, explaining requirements on qualification, availability, eventual training, etc.</li> <li>Description of the recruitment process and details of the recruitment information disclosure to local communities.</li> <li>Details of vocational trainings available to employed construction workers.</li> <li>Description of the Worker's Code of Conduct, highlighting labour conditions with an aim to reduce the risk of gender-based violence and harassment.</li> <li>Require all workers to sign the "code of conduct – workers"</li> <li>Details of worker's grievance mechanism that will be disclosed during the recruitment process and the employment period.</li> <li>A commitment to provide workers with a sufficient notice period as to when their job contract terminates.</li> <li>Monitoring indicators and the reporting timeline for the recruitment process and management of the workforce.</li> </ul>	Economy, employment and Income	Project owner/EPC ESIA 2024 contractor	Workforce Management Plan	
37	Construction and Operation	•Ensure regular, open and transparent communication with all stakeholders	Economy, employment and Income	Project owner/EPC ESIA 2024 contractor	Stakeholder Engagement Plan	All Project Worksites and location, Social Aol
	Construction	• Ascertain, prior to the construction phase, whether the local services are sufficient for workforce influx and, where appropriate, liaise with relevant authorities to limit the negative impact of the Project on local users' access to public services.	f Infrastructure and public services	Project owner/EPC ESIA 2024 contractor	Workforce Management Plan	All Project Worksites

	Construction	<ul> <li>EPC Contractor to be certified to ISO 45001 (or equivalent)</li> <li>EPC Contractor to implement communication systems to enable communications from any part of the site.</li> <li>Install safety signage throughout the Project site, following GIP specifications and codes of practice.</li> <li>Establish comprehensive OHS Plans for construction prior to commencemmet of costruction</li> <li>Ence Contractor and subcontractors to hire HSE Managers and Officers (1:50 for construction workforce)</li> <li>Ebc Contractor and subcontractors to hire HSE Managers and Officers (1:50 for construction workforce)</li> <li>Ebcure to project specific Emergency Preparedness and Response Plan (EPRP)</li> <li>Shclude in the EPRP a medical evacuation procedure to enable injured workers to access appropriate emergency facilities.</li> <li>Ensure medical preparedness includes permanent on-site paramedic, first aid facilities and first aiders (ratio of 1:50 first aiders/workers) on site.</li> <li>Envoide worker shelters, toilets and provisions (including drinking water) at work fronts across the site (not just at the main site camp).</li> <li>EPC contractor to employ at least one HSE Manager and one EPC Contractor HSE Officer for every 50 workers.</li> <li>Subcontractors with more than 20 workers shall deploy a dedicated HSE Officer for every 50 workers.</li> <li>Subcontractors in relation to lead in the soil (including an assessment of required personal protective equipment (PPE) for workers and training in the risk of lead contamination)</li> <li>Workers to receive correct PPE, free of charge and to be replaced when needd.</li> <li>Workers must receive appropriate training, prior to commencement of work and on an ongoing basis through toolbox talks, oriented by training plans.</li> <li>Pirlls (including OHS, spills, and emergency drills) should be undertaken regularly.</li> <li>Eirst aid facilities to be available at all work fronts.</li> <li>Establish an accident and incident reporting procedure. Including providing incentiv</li></ul>		Project owner/EPC ESIA 2024 contractor	Occupational Health and All Project Worksites Safety Plan
39	Design/ contract/ construction	<ul> <li>•Encorporate safety requirements into the project design (design of the route of the OHTL to avoid health risk for the public and ensure the OHTL does not pass directly over any residential property).</li> <li>•Whene necessary include fencing, safety signage (in locally used languages) and other relevant features to deter community members from entering the Project site.</li> <li>•Endertake a stakeholder engagement campaign to inform community members of the possible risks and impacts of the construction of the Project (refer to SEP), including traffic, grievance mechanism, worker conduct, GBVH risks.</li> <li>•Erepare a plan/strategy to guard workers and community members against contracting communicable diseases.</li> <li>•Employ local security guards and female guards where possible</li> <li>•Eldedtake OHS and emergency drills throughout the construction and operations phases.</li> <li>• Installation of anti-climbing devices to avoid accidental or intentional attempts to access the site;</li> <li>•Bainting with fluorescent colours of towers near the roads to make them visible.</li> <li>•Design of the route of the OHTL to avoid health risk for the public and ensure the OHTL does not pass directly over any residential property</li> <li>•Preventative maintenance to ensure the robust connection of the lighting protection (earthing) system</li> <li>•Preventative maintenance to ensure the electrocution hazards include use of signs, barriers, to prevent shock;</li> <li>•The provision of automatic fire detection systems linked to automatic shutdown systems will allow them to be dealt with in the shortest possible time by disconnection from the power supply systems. This prevention is connected with the Substation;</li> <li>•Affter any damage has been assessed and documented in case of storm damage / wind damage, the utility companies will be notified. Lastly, if safe to do so, the damaged areas will be protected from further damage</li> </ul>	Community health and safety	Project owner/EPC ESIA 2024 contractor	Workforce Management Social Aol Plan
40	Construction	<ul> <li>Enforcement of Workers' Code of Conduct containing a set of rules on behavioural standards and cultural awareness requirements for all employees (including security personnel)</li> <li>Bouse workers from outside the area from the direct AOI in accommodation away from the immediate communities as much as possible, thereby reducing potential social tensions.</li> <li>Undertake cultural awareness training for migrant workers, should it be deemed necessary.</li> </ul>	Community health and safety	Project Owner ESIA 2024	Workforce Management All Project Worksites Plan
41	Construction and operation	<ul> <li>Security Personnel will have to:</li> <li>Sign a "code of conduct – security"</li> <li>Be trained in the rules of force, culturally appropriate engagement, and the Project's grievance mechanism.</li> <li>Wear a uniform so that they are easily identified as security personnel, including a unique reference/label that can be used to make a grievance about a specific person.</li> <li>Have adequate communications equipment so that personnel can request support during the start of any incident.</li> <li>Inderstand details about the Project's grievance mechanism that can be used to address any concerns promptly associated with the actions of security personnel and details as to how this is to be disclosed</li> </ul>	Community health and safety - Security	Project owner/EPC ESIA 2025 contractor	Workforce Management All Project Worksites Plan
42	Contract / pre- construction	<ul> <li>•EPC contractor to implement a Human Resources (HR) Policy, Code of Ethics, Policy Against Bribery and Corruption, Recruiting Policy, Supply Chain (Procurement) Policy, and Communication Policy</li> <li>•EPC contractor and tier 2/3 sub-contractors to demonstrate functioning HR policies aligned with Lender requirements, ILO core conventions and Bulgarian law.</li> <li>•Define manpower requirements for the construction and operation phase for the EPC Contractor and subcontractors, including the number of E&amp;S personnel and their qualifications.</li> <li>•Derform a supply chain due diligence or obtain third-party supply chain due diligence reports to verity potential suppliers' credentials regarding the occurrence of forced labour, child labour or occupational health and safety failures. The supply chain will be mapped (to the polysilicon level) and verified by an independent consultant for point of origin.</li> <li>•Suppliers shall have a system to identify and manage risks associated with child labour, forced labour, occupational health and safety and pollution prevention for their activities and their core supply chain.</li> </ul>		Project owner/EPC ESIA 2024 contractor	Workforce Management All Project Worksites Plan

	Pre-construction/ construction	<ul> <li>The following measures required by IFC PS 2 will be implemented during the pre-construction and construction phase for the economy, employment and livelihood component:</li> <li>Eloliaborate with the State Employment Offices;</li> <li>Sollaborate with local institutions (Municipality and Administrative Units)</li> <li>Eut in place transparent and fair recruitment procedures</li> <li>Emplement Worker code of conduct (including grevance mechanism)</li> <li>Strictly follow the Bulgarian Code of Work requirements;</li> <li>EFC FS 2 Labor and Working Conditions;</li> <li>Adopt and maintain human resources policies and management systems or procedures with the requirements of PS 2 and national law. These policies and procedures will be understandable and accessible to workers, and in the main language(s) spoken by the workforce. HR policies and management will ensure:</li> <li>Non-discrimination and equal opportunities to all workers;</li> <li>Sompliance with national laws and international standards regarding employment of minors;</li> <li>Avoidance of any form of forced labour and child labour;</li> <li>Brovide clear and transparent information on wages, benefits and working conditions;</li> <li>Brovide workers with a safe and healthy work environment;</li> <li>Use an international workforce for a term-limited period for compliance and training purposes, where national personnel cannot be sourced.</li> <li>Enporate a vorker Accommodation Management Plan</li> <li>Provide equal training for men and women;</li> <li>Brear and training during the development of implementation phase, also through Contractor/s and Sub-Contractors;</li> <li>Establish training and re-training program that specifically target women, to increase their opportunities;</li> <li>Bield training during the development of solution phase, also through Contractor/s and Sub-Contractors;</li> <li>Establish training and re-training program that specifically target women, to increase their opportunities;</li> <li>Bield training during the develop</li></ul>	Labour and working conditions	Project owner/EPC contractor	E ESIA 2024	Workforce Management Plan	All Project Worksites
44	Construction/ operations - enhancement	<ul> <li>Contractors will be contractually required to maximise use of local workforce in the Project;</li> <li>Prioritize employment of members of vulnerable groups and individuals</li> <li>The presence of a CLO through the construction phase will allow any future issues to be identified and addressed referring to women and vulnerable groups and individuals;</li> <li>The order to increase the project's Local Content, the Company will aim to procure goods, services and materials from local businesses to the extent possible;</li> <li>Ensure priority of woman owned business during the procurement process</li> <li>Company will provide information on procurement, tendering, and contracting processes with a transparent and clear approach, to ensure that equal access to opportunities is guaranteed;</li> <li>Thormation on procurement opportunities will be given to local businesses, through tailored communication with Local authorities and other appropriate parties;</li> <li>Elocal companies identified as able to provide goods, materials and services during the strategical analysis will be contacted directly providing information on tendering opportunities</li> </ul>	Labour and working conditions Economy, employment and Income	Project owner/EPC contractor	C ESIA 2024/GIIP	Workforce Management Plan Stakeholder engagement plan	Project site
45	Construction	<ul> <li>•Require all workers to sign the "code of conduct – workers"</li> <li>●Brovide workers with safety equipment to prevent occupational health issue and reduce the number of accidents at work</li> <li>●Brovide regular training on first aid and safety responses in order to limit accidents' impact on workers' health</li> </ul>	Labour and working conditions	EPC contractor	ESIA 2024	Health & Safety Management Plan	Project site
46	Construction	•Ensure appropriate accommodation is provided to all workers, in line with IFC PS2 and national requirements	Labour and working conditions	EPC contractor	ESIA 2024	Workforce Management Plan	Project site
47	Construction	<ul> <li>Demarcate construction boundaries and minimize areas of surface disturbance;</li> <li>Where possible, locate laydown areas and construction camps in areas that are already disturbed or cleared of vegetation;</li> <li>For the construction site maintenance, conduct good housekeeping on site to avoid litter and minimize waste;</li> <li>Dee existing tracks/roads for access, where possible; and</li> <li>Within the environmental management system, prepare a restoration management plan including replanting indigenous species, and landscaping and rehabilitating construction yards.</li> </ul>	Landscape	EPC contractor	ESIA 2024	Topsoil Management and Site Reinstatement Plan	Project site
48	Construction and operation	<ul> <li>Where possible, locate laydown areas and construction camps in areas that are already disturbed or cleared of vegetation;</li> <li>Eor the construction site maintenance, conduct good housekeeping on site to avoid litter and minimise waste;</li> <li>Minimise night lighting while guaranteeing the minimum safety level;</li> <li>Øse of materials that will minimize light reflection should be used for all Project components;</li> <li>Existing vegetation should be retained to the greatest extent possible. Vegetation should be retained along roads, and other Project infrastructure</li> </ul>	Visual	EPC contractor	ESIA 2024	Topsoil Management and Site Reinstatement Plan; Health & Safety Management Plan	Project site
49	Construction and operation	<ul> <li>■Rehabilitation of all viable disturbed areas (e.g. temporary access tracks and laydown areas) must be undertaken following construction. This must be done in such a way so as to facilitate natural regeneration of vegetation;</li> <li>■Maintain ongoing engagement between the Project and local communities, with communities informed in advance of any vegetation clearing to allow pre-harvesting of resources such as building materials or other useable resources.</li> </ul>	Ecosystem services	EPC contractor	ESIA 2024	Topsoil Management and Site Reinstatement Plan: Stakeholder Engagement Plan	All Project Worksites
50 51	Design/ pre construction	<ul> <li>•Include in Project contract requirements to restore existing roads or private property during or at the end of construction activities. Any improvements will leave a positive legacy on the local road conditions, benefiting the local communities.</li> <li>•Consider excluding Access option three which requires access through the village of Polkovnik Lambrinovo.</li> <li>•Design laydown area and delivery approach to minimise vehicle stopping outside the site.</li> <li>•Include clause in the EPC contract that that any damage to road (wear and tear over the construction period) must be repaired and 'made good'.</li> </ul>	Traffic	EPC contractor	ESIA 2024	Traffic and transport Management Plan	All Project Worksites

Construction	<ul> <li>Erepare a traffic and transportation management plan (TMP)</li> <li>Work with local authorities in scheduling truck deliveries, especially oversized truck deliveries, to reduce impacts on road function and safety. Specifically:         -Where safe and feasible, schedule deliveries to minimise travel impacts for other road users based upon local conditions and the results of stakeholder engagement.</li> <li>Consider scheduling delivery roads and access tracks across the site and ensure all workers stick to demarcated areas.</li> <li>CLO to engage the local community to inform them of the start of construction works and timings for large vehicle deliveries</li> <li>Install appropriate signage to inform local communities and road users of site access points.</li> <li>No night-time driving along unsurfaced roads.</li> <li>No night-time deliveries</li> <li>Maximum of 40 km/h on the section of road between R218 and Polkovnik Lambrinovo</li> <li>During preconstruction surveys, perform a photographic assessment of road condition and private properties adjacent to the local road and R218.</li> </ul>	Traffic r	Project owner/EPC ESIA 2024 contractor	Traffic Management Plan; All Project Worksites Stakeholder Engagement Plan
Construction	<ul> <li>Induction TAPS the following GIIP as a minimum:</li> <li>Wessures to transport Project components as well as transportation of workers.</li> <li>Perspare a disclosure plan for community members, to inform as to the start of construction works and timing and Project impacts along the transportation route.</li> <li>Perspare a disclosure plan for community members, to inform as to the start of construction works and timing and Project impacts along the transportation route.</li> <li>Perspare a disclosure plan for community members, to inform as to the start of construction works and timing and Project inpacts along the transportation of roads to be used for concrete supply, equipment, and component deliveries prior to construction and submit reports to local road authorities. (pre-construction, ortense and to inform the respective authority for the overloaded trucks.</li> <li>Address transportation safety risks of Project traffic, including (but not limited to) truck routes, hours of transport, community notification, signage, education, and other measures to constrained and segments or intersections. (pre-construction, decommissioning)</li> <li>Obtain permits and implement all necessary road improvements or alterations prior to deliveries. If necessary, construction, decommissioning)</li> <li>Peters exists in dron construction of construction, adequate geometrics and load-bearing capacity for safe passage. (pre-construction, operations, decommissioning)</li> <li>Peter sign of drivers to eliminate drink driving, also check for use of seatbelts and identify speel limits thar emonitored during the construction prevised sets ing road same that are monitored during the construction previse or addition ad authorities to identify damage to and resport equipment, and maintenance of national roads are first orginal condition or addition to avoiding and securities. (Nervines, construction, decommissioning)</li> <li>Postiater onte and access surveys on road condition and ensure that damage to existing roads are rep</li></ul>		Project owner/EPC contractor	Traffic Management Plan; All Project Worksites Stakeholder Engagement Plan
Construction, operation, decommissioning	<ul> <li>Establish and implement standards addressing the following:</li> <li>Training and accreditation for project drivers, including contractors.</li> <li>Driver fitness standards, including mandatory rest periods and prohibition of drug/alcohol use.</li> <li>Trovehicle monitoring systems to monitor vehicle speed and location (Project vehicles and contractors).</li> <li>Project and contractor standards for vehicle safety and maintenance.</li> <li>Security response for vehicle incidents.</li> <li>-Boad stability standards.</li> </ul>	Traffic	EPC contractor ESIA 2024	Traffic Management Plan All Project Worksites
Construction	<ul> <li>Project Company to confirm no feature of archaeological interest are known through formal communication with the National Institute of Archaeology under the Academy of Sciences of Bulgaria</li> <li>EPC contractor to establish a chance-find procedure (including national and lender requirements and following GIIP) for the construction phase or any phase that requires excavation work.</li> <li>Train excavation workers in chance find procedure during the induction.</li> <li>Should items of cultural heritage be identified, they should be managed in line with the chance find procedure and any requirements of the National Institute of Archaeology.</li> <li>Notify the National Institute of Archaeology under the Academy of Sciences of Bulgaria of any find.</li> </ul>	0	Project owner/EPC ESIA 2024 contractor	Cultural Heritage All Project Worksites Management Plan