

ENVIRONMENTAL MANAGEMENT PLAN

EMP

Version 9.0

July 26, 2022

EMP procedures are in detail described in the Environment and Social Management Framework (ESMF). Environment 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: 51841

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	-Final decision on the most effective and palatable chemicals for the final biocidal product	-Obtain sufficient information from producer and select "environmentally friendly options"	-EKOSAN will pay these services separated from the project funds.	EKOSAN	

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		-During formulation development, waste will be created (chemical, biological, packaging)	-Experimental screening tests under controlled conditions conducted at experimental field owned by Ekosan and placed in bait boxes . The examination will be performed by a professional pest control service by the company EKOSAN PLUS d.o.o..	EKOSAN	EKOSAN	
		-Possibility of creation of dust, noise and other emissions during the production of various formulations	-Sound absorbing panels around production equipment -Continuous production line with closed circle	EKOSAN	EKOSAN	
2.	Operation	-During field testing of different formulations, the environment can be polluted	-Field testing will be conducted under controlled conditions at the property owned by EKOSAN at	-EKOSAN will pay these services separated from the project.	EKOSAN	

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			Drugovac agricultural farm, located near the city of Smederevo.			
		-During production, the stability and field efficacy testing improper waste management (chemicals and packaging) can pollute the environment	-The waste collected during the optimization of the production process, the stability and efficacy tests will be collected in a temporary waste storage until it is handed over to an operator with a waste management permit.	-EKOSAN will pay these services separated from the project.	EKOSAN	

* Items indicated to be the responsibility of the contractor shall be specified in the bid documents

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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	-Procurement of environmentally friendly chemicals, packaging and equipment	-Through technical specifications of the chemicals, packing and equipment	-Through receiving and keeping of all specifications and their control	-Prior to procurement	none	EKOSAN	
2.	Operation	-Chemical waste, packaging waste, uneaten bait, dead rodents during efficacy testing will be	-The experimental development of the formulation will be done in the laboratory of Ekosan	-Keeping reports and documents on accreditation -Keeping contracts and receipts	-During formulation development, production process optimization	-Collected waste will be bought by authorized waste management company	EKOSAN	



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		generated during the development and application of the bait.	company, which has ISO 14001:2015 and in the referent laboratory (Faculty of Agriculture, University of Novi Sad, Lab for Biological Research and Pesticides, SRPS ISO/IEC 17025:2017) -If the waste is generated it will be disposed in company's garbage containers in accordance with the	from the authorized waste management company				
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			Waste Management Plan at EKOSAN. Then it is being handed to the operator with a waste management permit.					
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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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Form checked and reviewed by the Innovation Fund: External environmental and social management provider (ESMP)	
Date	
Name	
Title	
Signature	