

ENVIRONMENTAL MANAGEMENT PLAN

Version 3.0, March 18, 2020

Environmental and Social Management Framework specifies environmental and social procedures for implemented projects to adhere to, including Environmental Management Plan, which are consistent with WB Safeguard policies and Serbian national legislation.

Project IF ID: 50226

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	Design and construction	<ul style="list-style-type: none"> ● Production of certain components of the system may require more energy and raw material ● Electrical components can be inconsistent 	<ul style="list-style-type: none"> ● Obtaining sufficient information through design phase. Select the more “environmentally friendly option” ● Select electrical components with CE declaration, consistent with energy and safety regulations. ● Ensure rapid collection of wastes to avoid 	<ul style="list-style-type: none"> ● Total cost of the system may differ in the price ● Total cost of the system may differ in the price 	EURO PRIMA doo	

COLLABORATIVE GRANT SCHEME Program

No.	Phase	Issue	Mitigating Measure	Cost of Mitigation (If Substantial)	Responsibility*	Supervision observation and comments (to be filled out during supervision)
		<p>with energy and safety regulations</p> <ul style="list-style-type: none"> •During production phase, some mechanical elements can be defect. Improper management of metal and electric waste may pollute the environment •Usage of inadequate chemical agents for cleaning of metal components may have an 	<p>scattering. All generated wastes will be collected by authorized operator</p> <ul style="list-style-type: none"> •Supply of environmental friendly agents 	<ul style="list-style-type: none"> •Minor expenses – waste collection is already performed in standard company operation •May impose additional costs for more expensive eco solutions 		

COLLABORATIVE GRANT SCHEME Program

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		effect on the environment				
2	Testing and optimization	<ul style="list-style-type: none"> ●The amount of ethanol as a solvent may exceed the planed quantities ●Used herbal material can be considered as waste. Improper management may affect the environment 	<ul style="list-style-type: none"> ●Precise calculation of necessary quantities. Limiting of the quantities per each probe to 100 l. ●Ensure rapid collection of waste. All generated wastes will be collected by authorized operators. ● 	<ul style="list-style-type: none"> ●None ●Collecting the waste may impose additional costs 	Faculty of Technology	

* 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	Design and construction	<p>1.1 Environmentally friendly production process of the system</p> <p>1.2 Proper waste collection and management</p> <p>1.3 Usage of ecologically accepted chemical agents for cleaning of metal components</p>	<p>1.1 On Project construction site</p> <p>1.2 On Project construction site</p> <p>1.3 On Project construction site</p>	<p>1.1 Through tech. specifications of materials and electric components necessary for the construction</p> <p>1.2 Daily supervision of waste collection. Record of waste collection. Keep receipts from</p>	<p>1.1 Before supply</p> <p>1.2 Daily</p> <p>1.3 Before supply</p>	<p>1.1 May impact on the increase of total costs</p> <p>1.2 Minor expenses / May impose additional costs</p> <p>1.3 Minor expenses</p>	<p>1.1 EURO PRIMA doo / Faculty of Technology</p> <p>1.2 EURO PRIMA doo</p> <p>1.3 EURO PRIMA doo / Supervisor</p>	

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				<p>authorized operators for waste collection</p> <p>1.3 Through supply of ecologically accepted agents</p>				
2	Testing and optimization	<ul style="list-style-type: none"> •Proper solvent residues and used herbal material waste collection and management 	Faculty of Technology	Keep receipts from authorized operators for waste collecting. Record waste collections.	During testing and optimization phase	May impose additional costs	Faculty of Technology	

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.