

**Steps to develop an action plan to reduce carbon dioxide emissions by 2050, taking into account the GHG protocol**

№	Stage	Description of the work stage	executor	Implementation date/term	Note
1	Step one: Prepare to develop a plan to reduce carbon dioxide. Leadership and teamwork	The university administration must develop a step-by-step action plan to reduce carbon dioxide	The plan will be developed by the faculty of Faculty of Forestry, Wildlife and EnvironmentS and external specialists with a GHG certificate	4th quarter 2023 - 1st quarter 2024	
2	Step two: Inventory and collection of initial data	Inventory and analysis of current energy consumption and greenhouse gas emissions; Developing growth forecasts for university-owned facilities and underlying energy demand and greenhouse gas emissions; Determine options and costs for various levels of energy efficiency in all university-related buildings, demand side energy savings at our existing facilities	Invited experts with GHG certificates	2nd quarter 2024 - 1st quarter 2026	
3	Step three: Selection of methodology and carbon tools	Consideration of techniques for reduction, savings, offsets and other aspects of carbon tools most suitable for our university and the objects included in it	Invited experts with GHG certificates	2nd quarter 2029 - 2nd quarter 2030	
4	Step four. Creating a comprehensive energy and climate model	This phase will develop a comprehensive energy and climate model with all viable options for reducing greenhouse gas emissions, allowing for detailed comparison and prioritization of options. Searches for alternative energy sources	Invited experts with GHG certificates	3rd quarter 2026 - 1st quarter 2029	
5	Step Five: recommendations and implementation.	At this stage, an internal assessment of the energy and climate plan will be carried out, as well as an external analysis, to provide expert assessment of the Plan.	Invited experts with GHG certificates	3-4 quarter 2030	

6	Step six: Developing a Risk Management System	At this stage, a risk management system will be developed taking into account environmental, social and governance factors in the organization.	Invited specialists with GHG certificates	1st quarter 2031 - 4th quarter 2040	
7	Step seven: Develop a waste management system	At this stage, a waste management system will be developed	Invited specialists with GHG certificates	1st quarter 2041 - 4th quarter 2050	