

5.6 University of Montenegro: Climate and Sustainability Plan

No.	Areas	Goals	Activities	Outcomes	Deadline	Responsible Parties	Priority	Financial resources
1	Environmental Sustainability in Academics: Teaching, Learning and research	Promotion of scientific research in the field of environmental sustainability.	Presentation of environmental principles to students.	Eight presentations on environmental sustainability.	2028	Faculty Members: Collaborate in organizing events, providing expertise, and integrating related topics into curriculum. • Student Organizations: Support in promotion, participation, and feedback collection. • External Partners: Collaborate in organizing lectures, fairs, and field trips, providing	HIGH	<ul style="list-style-type: none"> • National/International Projects: Seek funding opportunities from government agencies, NGOs, or international organizations supporting environmental education initiatives. • Own Funds: Allocate budget from university funds for event organization, guest speakers, and materials. • Sponsorship: Seek sponsorship from local businesses, industries, or environmental
		Increase the number of programs and/or courses (curricula) addressing sustainable development goals.	Analyze and align curricula of study programs with sustainable development goals, particularly in the case of new study programs.	Two programs and/or courses focusing on specific sustainable development goals.	2028		HIGH	
			Develop new lifelong learning programs in this field.					

			Design new curricula addressing sustainable development goals at all levels of study.			expertise and resources		organizations interested in supporting educational initiatives.
	Increase the number of students/interested individuals trained in the field of sustainability, whether within or outside the formal curriculum.		Create an environment to promote training in this area.	For a 10% increase the number of students enrolled in programs in this field.	2028		HIGH	<ul style="list-style-type: none"> • Volunteer Support: Utilize volunteer assistance from faculty, staff, or students to minimize costs and maximize impact.
			Enable all students, as well as other community participants, to receive education in sustainable development through various types of training outside the formal curriculum.	For a 10% increase the number of students attending and passing courses in this field.				

			Adopt incentive measures for students training in these areas outside the curriculum (priority for participation in mobility projects, earning additional ECTS credits, even if exams and grading are not required, etc.).	Introduce at least one program for comprehensive education in the field of sustainable development				
	Expand the involvement of faculties and organizational units of the University in organized research related to global sustainability goals.	Encourage application for projects in international and national competitions and calls.	Stimulate the academic community to engage in projects funded by EU funds.	Three faculties/organizational units of the University in these research activities.	2028		HIGH	

			Explore the feasibility of establishing an institute (or other organizational form) for research focused on global sustainability goals.					
		Enhance the number of students engaged in sustainability-related research, particularly in the context of thesis projects at the master's level.	Foster an environment to popularize research in this field.	For a 10% increase the number of students engaged in research related to sustainability.	2028		HIGH	
		Encourage student and professional participation in coordinated efforts related to sustainability.	Organize actions, conferences, round tables, and other activities related to achieving sustainability goals at various levels.	Two conferences/roundtable discussions.	2028		HIGH	

			Create an environment of community and social inclusion.					
2	Sustainability Citizenship	Establishing the environmental system at the institutional level and promoting its environmental values	Implementation of the findings of the analysis for the introduction of environmental education according to the programs.	Continuously introduce new and improved environmental education programs	2030	<ul style="list-style-type: none"> • Faculty Researchers: Actively participate in the research group, contribute expertise, and lead research projects related to environmental sustainability. 	MEDIUM	<ul style="list-style-type: none"> • Research Grants and Funding: Faculty members can apply for research grants from internal and external sources specifically designated for sustainability research and initiatives.
		Establish partnerships and collaboration with industry, public sector, other stakeholders, and universities to achieve greater impact on sustainable development.	Intensify collaboration with renowned higher education institutions through the signing and implementation of bilateral cooperation and mobility agreements.	<p>Three established partnerships, Increased number of outbound and inbound researcher mobilities from strategic institutions</p> <p>Two joint projects initiated in collaboration with business and/or public institutions</p>	2030	<ul style="list-style-type: none"> • Faculty Members: Encourage and facilitate the integration of sustainability practices within their respective departments. Develop and deliver environmental education 	MEDIUM	<ul style="list-style-type: none"> • Donations from alumni, philanthropic organizations, and corporate partners interested in supporting sustainability efforts can supplement existing financial resources. • Implementing sustainability practices such as

			Strengthen collaboration with the business and public sectors.			programs as part of their teaching responsibilities. <ul style="list-style-type: none"> • Student Organizations: Collaborate with faculty and administrators to organize sustainability-related events, workshops, and campaigns. • Administrator Responsible for establishing monitoring and reporting mechanisms, collecting data, and analyzing environmental performance. 		energy efficiency upgrades, waste reduction initiatives, and water conservation measures can result in cost savings over time. These cost savings can be reinvested into sustainability initiatives within the faculty, providing a sustainable source of financial resources. <ul style="list-style-type: none"> • Partnerships with sustainability-focused foundations, NGOs, and research institutes can provide access to additional financial resources and expertise.
		Increase the participation of our staff in associations and groups related to sustainability that undertake activities promoting global sustainable development goals.	Promote the importance of staff participation in these groups and associations.	10 employees involved in associations	2030		MEDIUM	
3	Climate action	Reducing energy consumption levels through the increase of energy efficiency and the use of renewable energy.	Develop and install wallpaper for all classroom computers to remind users to turn off projectors.	20% reduction in energy usage 20% of electricity sourced from renewable sources	2030	<ul style="list-style-type: none"> • Procurement Department: Lead the integration of eco-friendly criteria into tendering procedures and 	MEDIUM	<ul style="list-style-type: none"> • Own Budget Allocate funds specifically for staff training, supplier engagement activities, and monitoring

			Launch social marketing campaign to reduce open windows in winter			ensure compliance with sustainability goals. • Administrator Office: Provide guidance and expertise on sustainable procurement practices and support supplier engagement initiatives. • Collaborate with departments across the university to ensure alignment of eco-friendly criteria with organizational objectives and stakeholder interests.		mechanisms related to eco-friendly procurement practices. • Consider participating in sustainability certification programs or initiatives that offer financial incentives or grants to organizations implementing eco-friendly practices, potentially offsetting implementation costs.
		Positively impacting on the sustainability performance of suppliers and the sustainability credentials of the goods and services we buy.	The introduction of eco and environment-friendly criteria in the tendering procedures for materials and services from third parties.	Introduction of environmental and eco-friendly measures in all tendering procedures	2030		MEDIUM	
			Conduct annual purchasing sustainability presentations at Administrative Assistants' meetings.					
4	Waste Reduction and Circular Economy	Reducing the negative impact of construction practices, restoration and utilization of FEUT buildings.	Environmental auditing of existing buildings.	Adopting new practices in construction and building reconstruction	2028	• Internal Auditors: Conduct the environmental audit and prepare the audit report, providing expertise and	MEDIUM	• Government and international Incentives: Seek financial incentives, grants, or rebates from government agencies or utilities to

		The functioning of buildings and other environmentally friendly environments to ensure not only environmental protection, but also the well-being of users such as the student community, academic staff and administrative staff.	In cases of building renovation, their thermal insulation should be carried out with the kapot system.	Utilizing environmentally friendly thermal insulation	2028	guidance throughout the process. • Administrator: Provide access to the building, historical data, and resources necessary for conducting the audit and implementing recommended improvements. • Collaborate with auditors to facilitate on-site inspections, data collection, and implementation of recommended measures. • Staff: Participate in the audit process, provide feedback on environmental conditions, and support implementation of	MEDIUM	support energy efficiency upgrades and other environmental improvements. • Enter into energy performance contracts with third-party vendors to finance environmental improvements through guaranteed energy savings. • Seek sponsorship or funding support from international organizations such as the World Bank, United Nations Development Programme (UNDP), or regional development banks for solar PV projects. These organizations often provide grants, or technical assistance to support renewable energy
			Installation of photovoltaic panels.	Initiating the installation of photovoltaic panels at faculties where feasible	2028		MEDIUM	
			Organization of awareness raising campaigns on waste differentiation.	Implementing necessary waste collection infrastructure at faculties, promoting paper reuse, significantly reducing paper usage, encouraging electronic document versions, organizing campaigns	2028		MEDIUM	
		Prevention of environmental pollution through the implementation of the hierarchic principles of waste management (prevention, reduction, reuse, recycling and	Placement in the faculty's premises of the necessary infrastructure for the differentiated collection of waste.					

		appropriate final treatment).	Signing agreements with recycling companies for the removal of waste streams.			recommended improvements.		initiatives in developing countries or regions with limited access to capital or expertise.
			Creating conditions for reducing the number of mandatory paper documents and increasing the number of electronic documents					
			Replace paper towel dispensers with high-efficiency hand dryers in academic and administrative locations that have justification for replacement.					

5	Landscape and Natural Resources	Minimizing the negative impact on the ecosystem and increasing biodiversity in the premises of UoM. Promotion of the benefits they bring to the life of the entire community.	Increasing the areas with greenery.	Tree planting initiatives, promoting drought-resistant tree planting, and reducing paper usage	2026	Communication Department: Responsible for disseminating information through campus communication channels, such as newsletters, emails, and social media platforms. Administrator office: Allocating resources, including budget and personnel, to support the implementation of sustainability projects.	MEDIUM	<ul style="list-style-type: none"> • Grants and Funding Opportunities: Pursue grants from government agencies, non-profits, and corporations for sustainability initiatives. • Corporate Sponsorships: Seek partnerships with companies interested in sustainability for financial support. • Public-Private Partnerships: Collaborate with governments and private partners to access funding for joint sustainability projects.
			Plant 5-10 trees annually.					
			Planting trees on land owned by UoM.					
		Water conservation by increasing the efficiency of its use and reducing the pollution of used water.	Compilation of an annual data report regarding the continuous monitoring of water consumption.	Water consumption reduction	2028			
Placement of warning signs to avoid water wastage in environments with intensive use of water.								

6	Commuting and Active Travel	Minimizing the environmental impact of the transport of staff and students for the purpose of teaching, learning, scientific research, by promoting healthy and environmentally friendly forms of mobility.	The gradual change of the car/vehicle fleet towards electric or hybrid ones.	Organizing a campaign/promotion on the benefits of cycling and limiting the use of polluting energy sources	2030	<ul style="list-style-type: none"> • Information Technology (IT) Department: Provide training sessions and technical support for staff and students on using videoconferencing tools effectively, ensuring smooth implementation and troubleshooting issues. • Communication Department: Lead the awareness campaigns promoting bicycle use, collaborate with campus transportation services, and engage student organizations to support initiatives promoting sustainable transportation options 	Low	<ul style="list-style-type: none"> • Partner with corporations or businesses interested in promoting sustainability and environmentally friendly transportation options. • Secure sponsorships or financial support for awareness campaigns and infrastructure development.
			Create covered bicycle parking Develop and pilot a communications strategy and programming to reduce single-occupancy vehicle commuting.					
			Promote videoconferencing as an alternative to air travel.					

7	Food, Health and Well-Being	Improving working, learning, and living conditions in the faculty environment in order to increase the effectiveness of teachers and students.	<p>Drafting and implementation of a regulation for cleaning and sanitizing environments, in order to maintain/improve air quality.</p> <p>Creation of green recreational areas with open environments.</p> <p>Construction and maintenance of bicycle and scooter parking stations.</p> <p>Increase access to healthy extracurricular activities</p>	Organizing a campaign/promotion of healthy lifestyles	2028	<ul style="list-style-type: none"> • Faculty Administration: Overall coordination, planning, and funding of green space initiatives. Construction, installation, and maintenance of green recreational areas. • Student Organizations: Collaboration on programming and events to activate the green spaces and engage the campus community. 	HIGH	<ul style="list-style-type: none"> • University and Faculty Budget: Allocate funds for planning, construction, maintenance, and programming of green recreational areas. • Grants and Donations: Seek external funding sources from government agencies, foundations, and private donors to support green space initiatives. • Public-Private Partnerships: Collaborate with local businesses, non-profit organizations, and community groups to leverage resources and expertise for green space projects.

8	Equal approach	Achieve the highest level of accessibility for all members of the community, especially people with disabilities in University buildings, operational procedures and teaching methods	Make an analysis of the operational procedures of the University, with an assessment of the accessibility of people with disabilities	the number of facilities in which accessibility for the disabled has been achieved	2028	Enables the implementation of activities at all Faculties	HIGH	UoM
			Make an analysis of subjects in the study programs of the University, where it is necessary to adjust the teaching methods	the number of operational procedures that are adapted to people with disabilities				

			<p>Create a plan for the adaptation and adaptation of facilities to achieve accessibility (analysis of the condition of facilities, with determination of priorities, activities, resources, deadlines)</p>	<p>the number of subjects in which teaching methods are adapted to people with disabilities</p>					
			<p>Realization of the adaptation plan according to dynamics</p>						
9	culture of sustainability	Actively engage in formal university initiatives and associations dedicated to sustainable universities	Analysis of available initiatives and associations, with evaluation of the justification of access to some of them	number and name of initiatives and/or Associations in which the University has joined	2030	Enables the implementation of activities at all Faculties	MEDIUM	UoM	

The HUB, which was formed at the Faculty of Civil Engineering, will oversee the implementation of the Plan of Climate Actions and Sustainability.

PODGORICA, 20.06.2024.

RECTOR,

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