

MUDI PROJECT ENVIRONMENTAL POLICY



VERSION HISTORY

Use the table below to provide the version number, the author(s) who implemented the version, the date of the version, the document number of the version, the date that version was approved, and a brief description of the reason for creating the revised version.

Version #	Prepared by	Revision Date	Document No:	Approval Date	Reason
1.0	Levi LUCAS	02.09.2022	FRM-013	03.09.2022	First plan
1.1					
1.2.					

CONTENTS

Contents

Introduction	4
1. Objective	5
2. Scope	5
3.Environmental Sustainability	5
3.1 Energy saving.....	7
3.2 Disposable products	7
3.3 Digital products	7
3.4 Plastic Bags	8
3.5 Mobility	8
3.6 Eco-Font	9
3.7 Digital Archive	9
3.8 Dissemination Materials.....	9
3.9 Printed products.....	10
3.10 Sustainable Transportation Vehicles.....	10
3.11 Smart Location	11
3.12 Food.....	11
3.13 Food Waste	11
3.14 Accommodation	12
3.15 Water.....	12

Introduction

Environmental problems are not only the problem of one country, but the common problem of all humanity living on this planet with a population exceeding 7.7 billion. One of the reasons behind environmental pollution, which is one of the biggest global problems in the world today, is the unconscious consumption habits that develop in parallel with population growth. According to the UN, the world population will reach 8.5 billion in 2030 and 9.7 billion in 2050 (UN, 2022). This shows that human-induced environmental problems will increase. Along with the increasing population, demands are also increasing day by day and various problems arise. Human beings, who disrupt the ecological balance and cycle, cause environmental pollution etc. problems to increase on a global scale.

Environmental problems have reached such dimensions today that taking transnational measures to combat air, water and soil pollution has become a necessity rather than a necessity. Therefore, there is a need for sustainable environmental policies. Sustainable environmental policy should be defined at every level, from the smallest institution to project activities, and should be implemented compulsorily on a national and transnational scale.

"Development that meets the needs of the present without compromising the ability of future generations to meet their needs."

This definition has formed the basis of sustainability studies and actions in many countries (Brandon and Lombardi, 2005). For an effective policy design for sustainability and environmental policies, first of all, it is necessary to identify the situations that hinder sustainability, to offer environmentally friendly alternatives to these situations and to determine how these alternatives will be implemented. In particular, it is important to

analyze studies on sustainability problems and solutions in the field of production by adopting life cycle thinking (Azapagic, Emsley and Hamerton, 2003). In this context, the EU Environmental Policy is basically a dynamic policy area that offers an integrated management approach with the objectives of many policy areas with the priorities of protecting the environment, preventing problems at source, efficient and sustainable use of natural resources, ensuring human health and maximizing living standards. The EU promotes the implementation of this policy not only within itself but also through cooperation with other countries. In the context of the EU's environmental policies, the sustainable environment policy of the MUDI project has been established.

1. Objective

The project partners recognize this environmental policy as an integral part of the MUDI project's quality system, product and output commitment. This environmental policy describes the MUDI project's commitment to protect the environment during and after its activities.

2. Scope

This policy applies to the partners of the MUDI project. The project partners have defined actions and planning to fulfill the commitments made to achieve the sub-objectives described in this policy.

3.Environmental Sustainability

In the context of this document, all activities of the MUDI project strive to support and focus on the implementation of environmentally friendly and sustainable practices. Sustainable environmental activities are therefore integrated into both the MUDI project and the daily operations of the project partners. MUDI has a very positive and forward-looking attitude towards environmentally friendly principles and practices that are likely to be defined by the new Erasmus Program in the coming years. MUDI partners have committed to reduce our carbon footprint to promote our sustainability efforts during and after the project activities. Our actions linked to CO2 emission reduction relate to commuting, transnational travel, PMI services and procurement within the WP, etc.

With significant reference to environmental sustainability, the WPs, objectives and multiplier activities of the MUDI project are designed in an environmentally friendly way. These designs complement environmentally themed projects and aim to reduce the carbon footprint. For this

- I. Transnational meetings: It envisages mobility for only 2 meetings. These are the opening and closing meetings. The other meetings will take place online.
- II. Internal agreement: Article 13 of the internal agreement signed between MUDI project partners is binding.
- III. The use of reusable technical products and environmentally friendly technology products is mandatory throughout the project.

Protecting and managing air, water, soil and biological resources, in short, all natural life systems in the existing ecosystem for the future is crucial for a clean Europe. Therefore, as conscious individuals, we are aware that we have some debts and responsibilities to nature. The MUDI project is part of this responsibility. In this context, the MUDI team has adopted

environmentally friendly approaches to reduce the environmental impact of our activities. MUDI will strive to reduce the environmental footprint of its mobility activities and encourage environmentally sustainable and responsible behavior among participants. The MUDI project will integrate sustainable practices into its activities, such as choosing reusable or environmentally friendly materials, reducing waste and recycling, sustainable means of transportation. In this context, the project partners met via Google-meet with a special agenda to discuss what will be done for sustainable and environmentally friendly practices in our project and made the following binding decisions:

3.1 Energy saving

The activity hours of the project will be carried out during the daylight hours and energy savings will be achieved by outdoor activities when necessary.

3.2 Disposable products

During the MUDI process, disposable products that pollute the environment, especially plastic products, will not be used. Instead, washable and reusable products will be preferred. At the opening meeting and the final meeting of the project, each participant will receive a ceramic mug with the logo of the project and the logo of the Erasmus+ program printed on it. This product will be used by the participant during the meeting.

3.3 Digital products

Environmental protection is an important part of the MUDI strategy. MUDI is very committed to using more sustainable methods in the context of the Erasmus+ program and

communicating more environmentally friendly options to internal staff, such as the use of electronic study materials.

A binding decision has been taken among the project partners to take active steps to organize MUDI related events and meetings in a more environmentally friendly way and to replace paper-based administrative processes with digital ones.

The MUDI project aims to further enhance digitalization in all its activities to increase accessibility, inclusiveness and sustainability. The digitalization objectives also cover administrative operations within the project. The use of the online system reduces the amount of paper printing, for example. In addition, the use of electronic signatures by project partners in the digital context will be a more environmentally friendly approach.

3.4 Plastic Bags

Plastic bags can cause serious problems such as CO₂ emissions, water pollution and solid waste. The most important reason for these problems is the use of petroleum waste in the production of plastic bags. Therefore, it is possible to say that the use of plastic bags negatively affects natural life and harms living things in nature. For this reason, project partners undertake not to use plastic bags during the MUDI process. Alternatives such as mesh and cloth bags will be preferred instead.

3.5 Mobility

Our Environmental Policy promotes environmentally sustainable and responsible behavior among project partners, raising awareness of the importance of taking action to reduce or compensate for the environmental footprint of mobility activities. This policy takes into account environmentally sound practices in the implementation of its activities, including

project management. Therefore, mobility is foreseen in the opening and closing meetings. The other meetings will take place digitally through Google-Meet.

3.6 Eco-Font

Some documents need to be stored, signed and archived in printed form. For the printing of these documents, eco-font, an environmentally friendly software, will be used. Eco-font is an environmentally friendly software that saves ink by leaving imperceptible micro-spaces on the typed characters. Eco-font software can be used on computers with Windows XP, 7 and Vista installed and supports Arial, Verdana, Calibri, Times New Roman, Trebuchet MS fonts. Therefore, eco-font software will be used during and after MUDI.

3.7 Digital Archive

The posts in the Social Media template will never be printed out. These documents will be stored in a digital archive. For this purpose, a digital archive will be created via Google Drive and the documents will be kept in this archive for 5 years.

3.8 Dissemination Materials

Disseminating information about the MUDI project mainly through online means (social media, visits, good partnerships) and less through printed materials and sustainable ways will reduce the budget (economic) and avoid paper waste (sustainable). For this purpose, dissemination tools such as digital poster, e-bulletin will be prepared on the digital platform

CANVA. The digital poster will be shared on the relevant social media accounts of the project and on the website of the project partners. The e-newsletter will be distributed to stakeholders through the website and the project's mailing list. These posters and newsletters will never be printed material.

Promotional materials will be prepared by the project partners to ensure maximum dissemination of the project, especially to the target audience. These promotional items will definitely be long-lasting. Recyclable products such as pens, power banks, thermoses and USBs will be used for promotion. Promotional products will never be disposable.

3.9 Printed products

350 gr. project files printed on matte coated paper will never be disposable. These files are designed to be used after the project. These closed 230 mm x 330 mm files will be used effectively during and after the project. Certificates to be prepared in CANVA program will be stored in digital environment. These certificates will be signed with e-signature and sent to the participants via e-mail.

If the participant requests the certificate in printed form, this document will be printed on 200 gr. matte coated paper and given to the participant. Eco-font will be used in the preparation of both documents (certificate and file).

3.10 Sustainable Transportation Vehicles

Participants will be encouraged to use available sustainable means of transportation and travel costs will be calculated based on participants' means of transportation. Car sharing and car pooling will be encouraged for participants. A transportation network will also be

established between participants so that participants from more distant countries can stop en route to pick up other participants and travel together to the host country.

3.11 Smart Location

During the meeting in the host country, participants will be encouraged to use public transportation and to walk or cycle close distances. Ideally, the accommodation of the participants should be in a location that is easily accessible on foot and connected to public transportation.

Participants will be advised to make cycling a habit in their later life. It will be explained to the participants that this will be beneficial both in terms of reducing toxic gas emissions and in terms of health.

3.12 Food

A local, organic, seasonal, sustainable nutrition program will be prepared for the transnational meeting. Vegetarian food options will be prioritized at meals (meat-based food options require more environmental resources such as land and water).

3.13 Food Waste

Food waste generated after meals will be collected in a separate area and a waste management that covers the 3Rs "Reduce, Reuse, and Recycle" will be established. MUDI will be careful not to create surplus food waste as much as possible. In order to prevent food

waste, the size of the meals will be adjusted according to the participant group and the participants will serve themselves.

Within the scope of 3R, these organic and food wastes that can return to nature and decompose without harming it will be returned to the soil by making compost fertilizer.

3.14 Accommodation

For the meeting in the host country, local accommodation options (to support local businesses) will be prioritized over large hotel chains. Participants will be accommodated in a local eco-tourism certified hotel that is particularly environmentally friendly. Participants will be encouraged and supported to continue to use bed linens and pillowcases during their stay instead of changing them daily. Participants will be encouraged to use personalized cotton towels instead of paper towels and each participant will be provided with a personal towel at the accommodation.

3.15 Water

Participants will be encouraged to use easy-to-carry water bottles or canteens. In addition, a pictogram will be placed in areas where water is used to encourage participants to use as much water as they need to avoid wasting water.

Participants will be advised to use as much water as they need in the showers they will take at the accommodation after the meeting and not to waste too much time in the bathroom. In addition, it will be explained in the trainings that by replacing the materials they will use in the shower with environmentally friendly ones, they will provide a great benefit to both

themselves and our environment. (For example, instead of using a plastic washcloth, they will be told to prefer to use a natural washcloth.)

If participants want to wash their clothes, they will be advised to hang their clothes to dry instead of using a dryer after washing.