



Hack4Climate: Food Waste

Reducing the amount of food waste in the household.

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LIFE IP CARE4CLIMATE (LIFE17 IPC/SI/000007) je integralni projekt, sofinanciran s sredstvi evropskega programa LIFE, sredstev Sklada za podnebne spremembe in sredstvi partnerjev projekta.

Care4Climate

[Care4Climate](#) is an eight-year-long integrated project that, through the awareness-raising, education and training of key stakeholders, encourages the implementation of measures to help Slovenia effectively meet its greenhouse gas emission reduction targets by 2030 and enable a faster transition to a low-carbon society.

The project is coordinated by the Ministry of the Environment and Spatial Planning and is a collaboration of 15 partners from the public, non-governmental and private sectors.

Within our activities, we want to contribute to a more efficient implementation of measures for reducing GHG emissions that are laid down in strategic documents and which were adopted by the Government of the Republic of Slovenia in order to achieve national legislative objectives regarding GHG emissions reduction. Striving to solve one of the most pressing issues of modern societies — the climate crisis, the project connects six areas:

- Green public procurement;
- Food waste;
- Sustainable construction and the efficient use of energy in buildings and companies;
- Raising awareness and capacity building for transition to a low – carbon society;
- Sustainable mobility; and
- Land use, land-use change and forestry (LULUCF).

Hack4Climate: Food Waste

Within our project Care4Climate, we will organize three hackathon series to brainstorm on different climate change mitigation topics, tackled by the project. The first hackathon focuses on food waste.

Problem analysis:

Food waste is the third largest cause of greenhouse gas emissions, accounting for as much as a third of all food produced in the world each year. In Slovenia, in 2018, each individual threw away on average 68 kg of food. If the whole world doesn't throw away even a kilogram of food, it reduces emissions by as much as 8 %.

Food waste is generated throughout the food chain: farmers, the food industry, traders, caterers and consumers. However, the largest share of food waste, which could be reduced by appropriate measures, is generated in households. The reasons for food waste in households are mostly defined as lack of awareness, disorganization, lack of knowledge about methods to prevent food waste, inappropriate storage, etc.

Challenge:

Reduce the amount of food waste in the household.

Participants:

We expect up to 50 participants ages 16 to 24. Participants are expected to be students who care about the future of the planet and are motivated to become part of the change.

Location and time frame:

Hackathon takes place in Ljubljana on 16 and 17 October 2021.

Objectives of the event and conceptual areas:

- Raise awareness among young people about the amount of food waste in the household.
- Present the issue of food waste.
- Motivate young people for solutions in the field of global climate change.
- Establish a space for mutual learning and finding cross-sectoral innovative solutions.
- Find partners and allies from the economy who are innovative in the field of climate change in their actions and ideologies.

We are looking for innovative solutions that help reduce the amount of food waste in the household.

In order to expand and diversify the range of young and creative participants, we divided the topic into three areas. At the same time, such a division allows us to come up with more sophisticated solutions in a short amount of time.

Three areas under which groups (3-5 participants) can register for the hackathon are:

1. ANALYSIS and DATA ACQUISITION

Innovative solutions for collecting and analyzing data and approaches to solving the problem of household waste, which can lead to better efficiency and reduction of household waste.

2. LOCAL COMMUNITY INNOVATION / TECHNOLOGICAL INNOVATION

Original solutions that would use the power of the local community to solve the reduction of household waste and thus have a broader impact on the issue.

3. COMMUNICATION and AWARENESS

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