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# Sustainable solutions for mobility, energy and consumption in Eibar

PHOTO STORY FOR CLIMATE ACTION

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Template based on a presentation provided by  
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hosted by EuCliPa.IT [www.eucliPa.it](http://www.eucliPa.it)



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## DESCRIPTION OF THE PROJECT

Inside the 'Sustainability Changemakers' international module -outcome of Erasmus+ project "[Raising Awareness Initiative through Sustainability Education in VET](#)" (2023-1-ES01-KA210-VET-000158073 ) focused on the topic of sustainability, twelve students from technical Vocational Education and Training schools in Germany and the Basque Country are challenged to create a photo story considering the following points: mobility, energy and consumption.

# Mobility

## Luca, Laurenz and Mikel

Sustainable mobility refers to a concept that aims to make the transport sector more environmentally friendly, socially acceptable and economically efficient. The aim is to organize the transport of people and goods in such a way that negative impacts on the environment, on society and on the use of resources are minimized , while promoting quality of life and access to mobility for all people.

# Car Saturation

## NEGATIVE

There are a lot of cars per family, and the people use them for everything, included the short distances.

So, we have a lot of traffic and amount of parked and unused cars on the streets.

## Many cars



CREDITS



# Easy Public Transport

## PROACTIVE

There are a lot of bus stations and you can take a bus at any moment to go to the towns around.

## Taking the bus



CREDITS |



# Walking instead of using a Car

## POSITIVE

Eibar is not a very big town, so, people can walk to work or school.

## Walking instead of driving



CRED

# Energy

## Keon, Ainhua

Which is a good starting point for improvement and how can everyone save energy?



# Lights always on

## NEGATIVE

The lights of many closed stores are left on and also at opening times, when there is enough sunlight, restaurants and bars have their outside lights on.

This is using a lot of electricity. By turning the lights off or control them by time, we could even save money. So, there is no reason to keep the lights on.

## Energy



CREDITS | Ainhua



# Public electronics self generating

## POSITIVE

In this example the ticket machine for parking tickets provides its own energy by using a solar panel. It can store the energy and also works overnight.

This system could be applied to all electrical devices that are used in public like: vending machines, train ticket machines, escalators.

## Energy



CREDITS | Keon



# Programmable Wall-plugs

## PROACTIVE

With programmable wall-plugs you can decide when power is consumed and when not. The easy control via App allows you to monitor automatically the consumption of energy at any place. This way also no lights or electronic devices will be left turned on by accident. It is cheap and everybody can afford it.

## Energy



CREDITS | Keon



# ENERGY

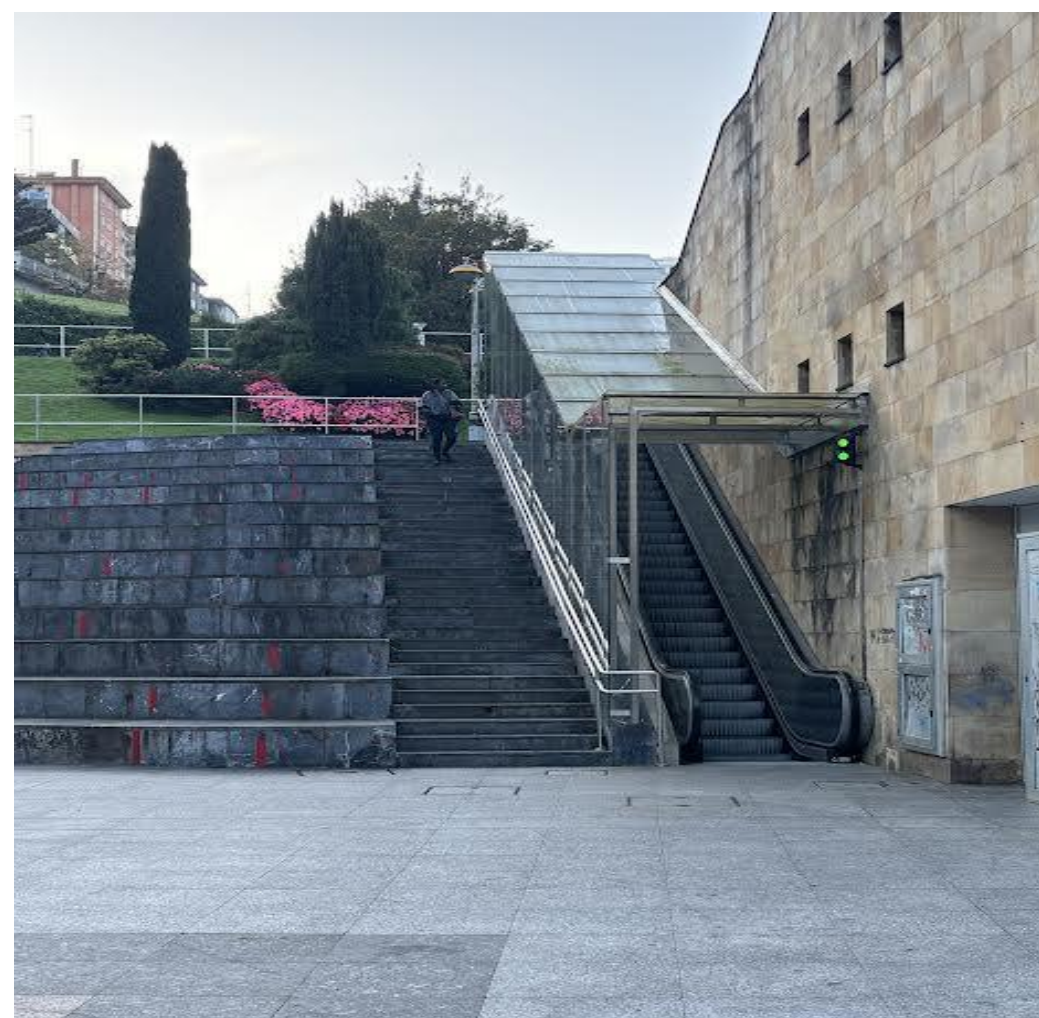
## Luka and Julen

Energy is very important and we could not imagine a life without energy.  
But it is more important to save energy and be as sustainable as possible.

## NEGATIVE

This escalator is working all the time, the escalator is wasting 31.000kW/h a year.

## Unnecessary Escalator



CREDITS | AUTHOR OF THE IMAGE



# ENERGY

## PROACTIVE

Instead of using the escalator, it is better to use the Solar Elevator. This elevator is built out of solar glass and generates its own energy.

## Solar elevator



CREDITS | AUTHOR OF THE IMAGE

# ENERGY

## POSITIVE

The positive part is that the people are using more solar panels nowadays so they generate their own energy. In that way, we need less fossil fuels made energy.

## Solar Panels





# Consumption

## Adam and Florian

Consumption is the act of using or absorbing resources, goods, or services.

# Consumption

## NEGATIVE

Many people do not put their trash in trash cans. Instead they hurt our planet with throwing their trash everywhere, like in the picture on the right with the can left on the street for example.

## Trash in the street



CREDITS | AUTHOR OF THE IMAGE



# Consumption

## PROACTIVE

A good way is to use reusable bottles which you can fill up as much as you want without producing any trash.

## Reusable bottle



CREDITS | AUTHOR OF THE IMAGE

# CONSUMPTION

## POSITIVE

Recycling bins play a crucial role in promoting sustainability and protecting the environment. They provide a convenient and efficient way to separate and collect waste, reducing the amount of trash that ends up in landfills.

## Recycling bins



CREDITS | AUTHOR OF THE IMAGE

# Consumption

## Yassir and Ferdinand

Consumption is not just about choosing what we need, but about being aware of how our decisions affect the planet, people and future generations, always seeking a balance between what we acquire and what we leave for the world we share.



## NEGATIVE

Here you can see the the shopping center El Corte Inglés. It has been unused since 2021. So, it is a big place in the center of the city were a lot of space is 'lost'. This needs to be changed in the future.

## Empty shopping center

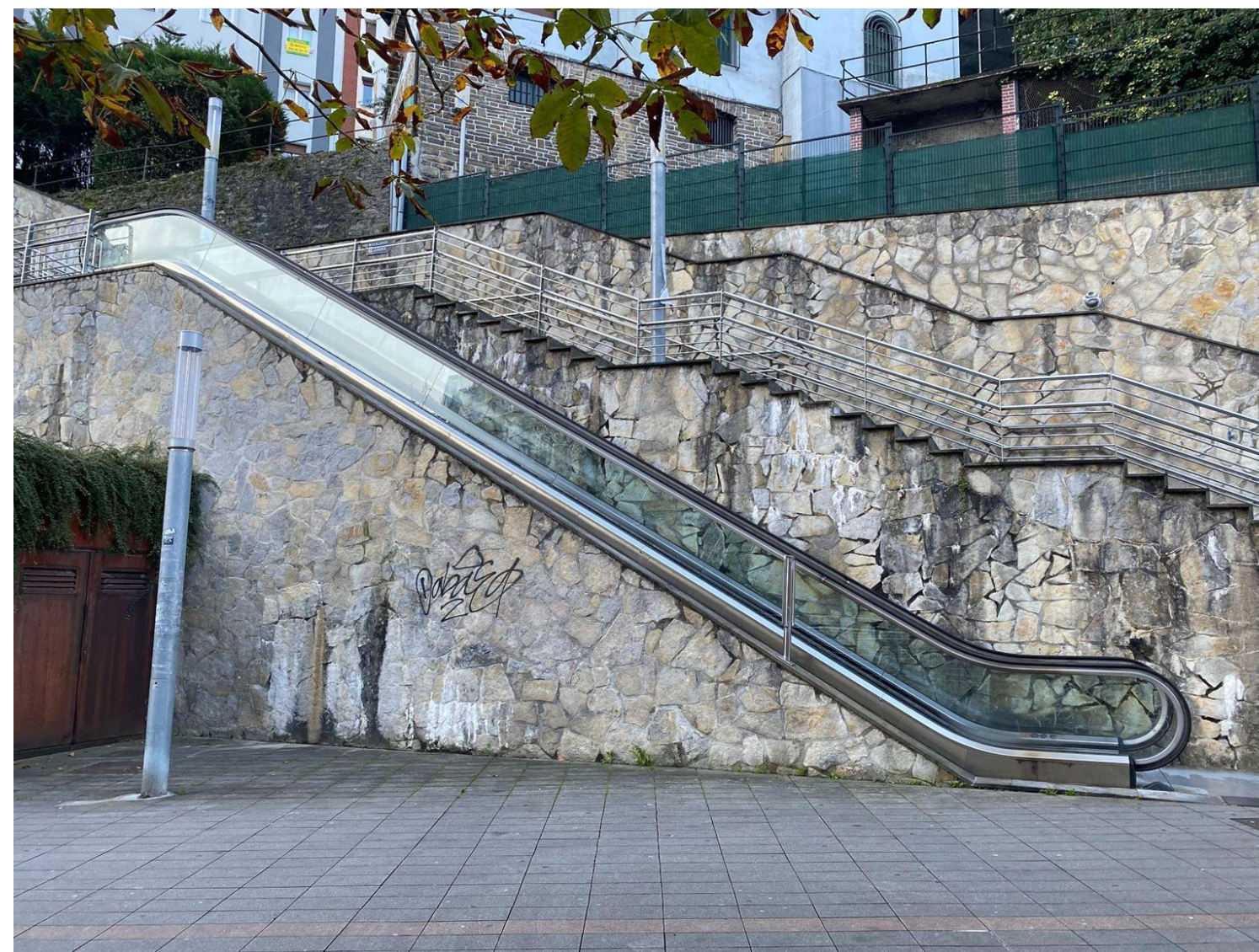




## PROACTIVE

The escalator consumes a lot of energy, so we can build one or more solar panels, in this way the escalator is using its own energy.

## Solar panel transport





## POSITIVE

In this photo we can see something positive about recycling, in recent years they have been modifying the garbage containers to be able to recycle better. In this bin it is very clear where everything goes and this way we can leave our small and beautiful town clean.

## Trash separation





# CONCLUSIONS OF THE TRYPTIC

## **Mobility**

The students highlighted both challenges and proactive solutions in the community. They depicted the high car saturation in urban areas, resulting in traffic congestion and unused parked cars. On the proactive side, they showcased the availability of bus stations that facilitate easy travel and the potential for promoting walking in smaller towns like Eibar, thereby reducing environmental impact.

## **Energy**

In the realm of energy, students identified opportunities for improvement and positive changes. They noted the issue of leaving lights on unnecessarily in closed stores and suggested practical solutions like timed lighting systems to conserve energy. The use of solar panels in parking ticket machines was showcased as a positive example of sustainable energy utilization. Additionally, programmable wall-plugs and solar elevators were proposed as proactive measures to further enhance energy efficiency and reduce waste.

## **Consumption**

The participants addressed the critical issue of waste management and consumption habits. They observed that many people do not dispose of trash properly, leading to environmental harm. Recycling bins and reusable bottles were highlighted as positive steps towards sustainability. The unused shopping center El Corte Inglés was noted as an example of wasted space that needs future repurposing. Moreover, the adoption of solar panels for escalators was suggested as a proactive approach to utilizing clean energy.



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# FINAL CONCLUSIONS



# FINAL CONCLUSIONS

The photo story project highlighted the key aspects of sustainable mobility, energy conservation, and consumption practices. Participants from Germany and the Basque Country documented both challenges and proactive solutions through compelling images and narratives.

They emphasized the importance of individual and collective actions in promoting sustainability and provided thoughtful, practical measures to address environmental issues in the community.

The project successfully captured participants' perspectives and advocated for positive change, showcasing the potential impact of innovative and sustainable practices.



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# SUSTAINABILITY CHANGEMAKERS MODULE (RAISE VET)


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