Co-funded by the Erasmus+ Programme of the European Union

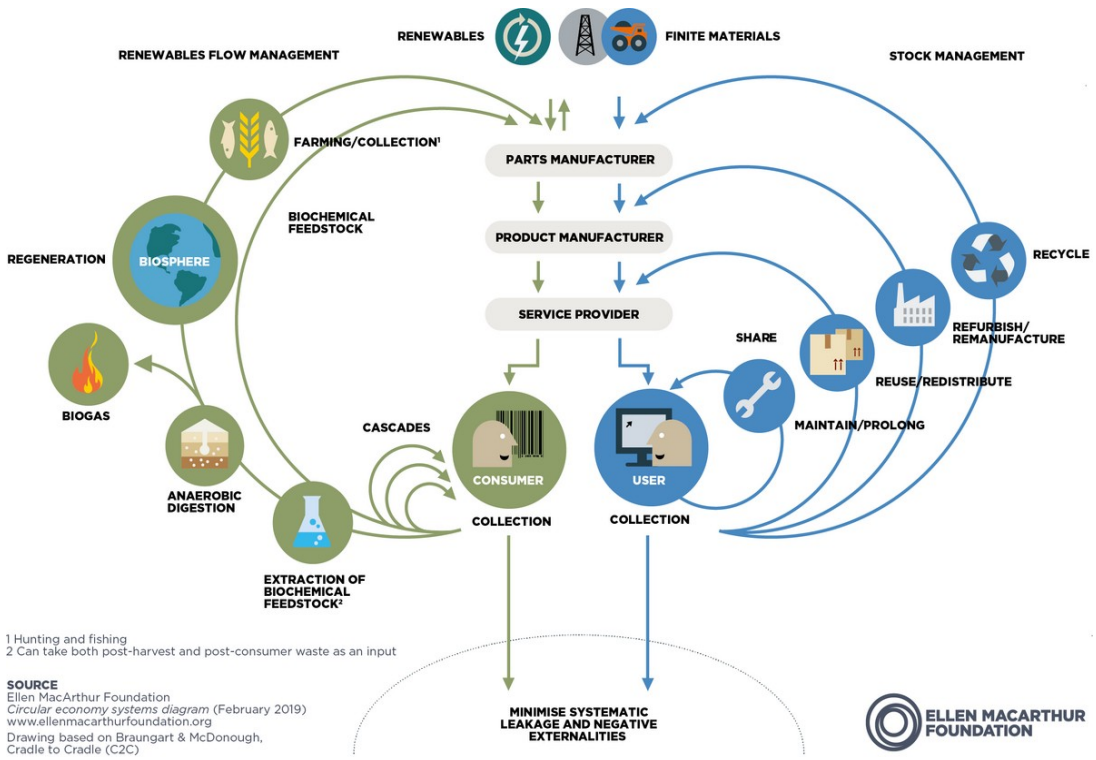
Erasmus + Climate Change Challenge

Project no. 2021-1-FI01-KA220-SCH-000031639

Plastics Recycling Working Schedule

Turin Meeting – 2022, October 24th - 29th

Circular Economic System Diagram



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The project: objectives and contents - PLASTICS RECYCLING

Warming up activities
Presentation of research on plastic use in individual countries from participating schools

Project Activities: comparisons and presentations of results
Self-evaluation: evaluation of the quality of the results

THE PROJECT: OBJECTIVES AND CONTENTS

CHALLENGE: Make students aware of the importance of changing their behavior regarding the use of Plastic and its recycling. Plastic is a new material in the landscape of materials used and it is our use of it that makes it a waste, and since its specific gravity is less than 1, (water has a specific gravity of 1) so it floats'. To achieve this goal, all partner schools will study this material in their country, its use and the amount that is used. During the meeting we will do a comparative study to get a global and local view of the problem, trying to find practical ideas to make plastic a resource and not a pollutant. Later, we will carry on dissemination campaigns in the other local schools or city organizations, to raise awareness. OBJECTIVES:

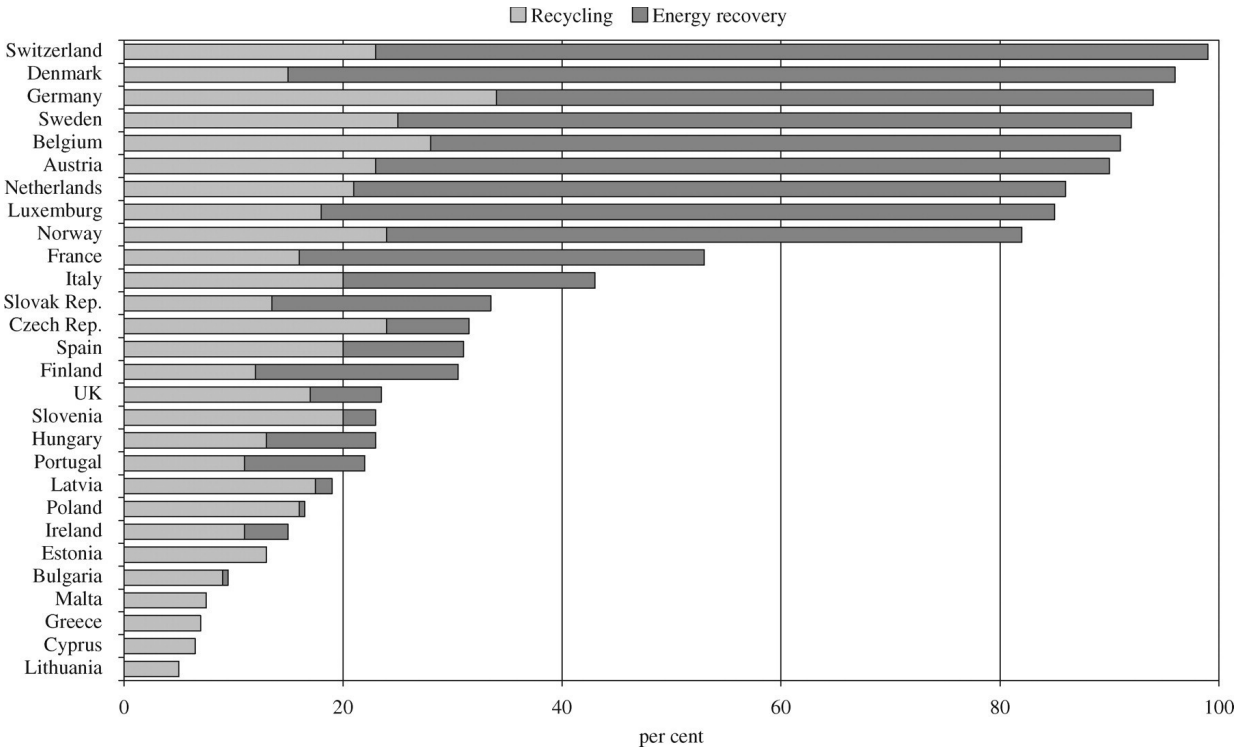
TARGET AUDIENCE: Community, family, industry, NGCOs, students and teachers.

TIME:

ACTIVITIES

A) WARMING ACTIVITIES

AIMS:



Plastics recycling

https://www.youtube.com/watch?v=uM_xTb2wFKA

B) WHAT IS A PLASTIC FOOTPRINT?

Everything we use, wear, buy, sell, and eat takes water to make. The plastic footprint measures the amount of CO2 we produce each of the goods and services we use.

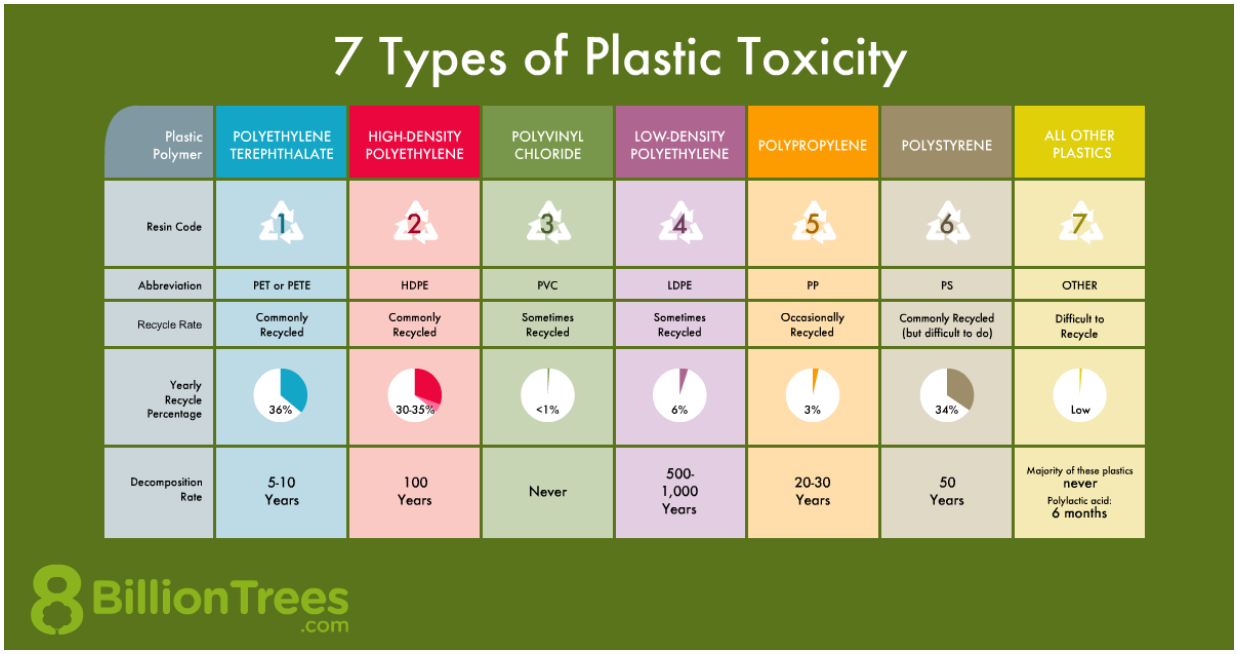
The plastic footprint is a measure of humanities awareness use of consumed and/or polluted".

https://www.footprintcalculator.org/home/en

https://www.youtube.com/watch?v=uM_xTb2wFKA

https://8billiontrees.com/carbon-offsets-credits/carbon-ecological-footprint-calculators/plastic-carbon-

footprint/#:~:text=The%20carbon%20emissions%20from%20plastic,produce%20a%20kilogram%20of%20plastics.



C) CALCULATE YOUR PLASTIC FOOTPRINT.

Let's start thinking about how much plastic our families consume. This website was created for Americans, so when you are asked, choose any state.

https://www.youtube.com/watch?v=jufxNpuYcQI

D) CRITICAL THINKING.

AIMS:

Self-reflexion

To find real solutions to stop our bad habit consumption and save the planet.

Think about our consumption habits and their impact on the planet. Write your conclusions.

https://www.unep.org/plastic-pollution#:~:text=Plastic%20pollution%20can%20alter%20habitats,capabilities%20and%20social%20well%2Dbeing.

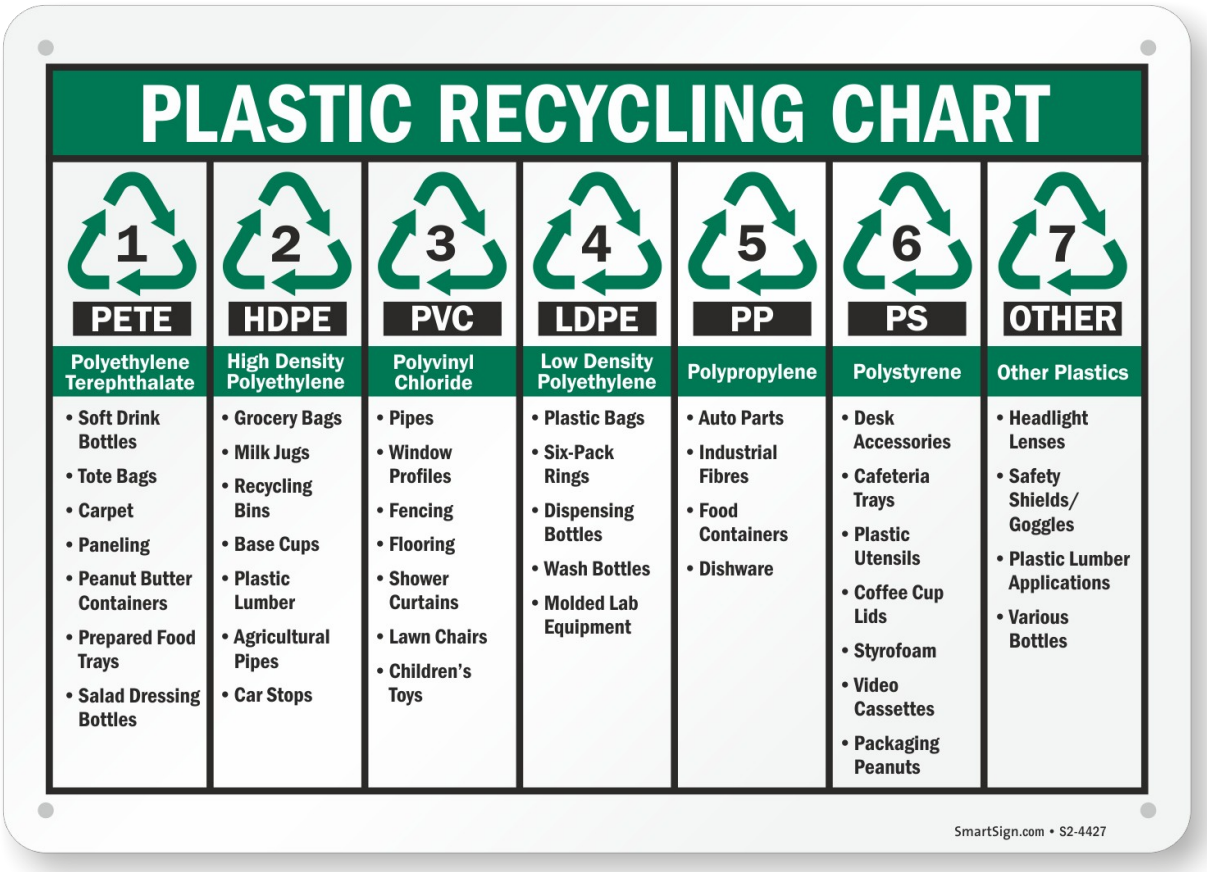
E) OUR CONSUMPTION.

Prepare information on plastic consumption in the area where you live or in your city. Draw a graph.

https://rethinkplasticalliance.eu/news/italy-reported-to-eu-over-plastics-law-failure/

Italy is the first country in Europe and the second in the world for...

https://www.sciencedirect.com/science/article/abs/pii/S0921344921006686



https://www.piedmontplastics.com/services/sustainability

Italy is the second largest consumer of plastic in Europe: in 2020, 5.9 million tons of fossil polymers were consumed, corresponding to almost 100 kg per person.

https://eccoclimate.org/la-plastica-in-italia/#:~:text=Italy%20is%20the%20second%20largest,almost%20100%20kg%20per%20person.

F) Plastics Wastes CONSEQUENCES: pollution .

AIMS:

To be aware of the incorrect use of plastics in our local areas

1) Watch the following video and sum up the main ideas https://www.unep.org/interactives/beat-plastic-pollution/?gclid=Cj0KCQiA6fafBhC1ARIsAIJjL8kR88ZH_rtdwwJUeqSyBzejWolzFh3j1w8k1z732JV0yjGnasZ9r5gaAkq2EALw_wcB.

2) https://www.twicetheice.com/blog/12-ways-to-reduce-plastic-at-home/

https://www.thelocal.it/20190521/what-is-italy-doing-about-the-shocking-level-of-plastic-pollution-on-its-coastline/

2) Read the following text https://www.thelocal.it/20170811/more-than-40-per-cent-of-italian-coastline-is-polluted/

3) Find examples plastic pollution

G) FINAL PRODUCTS

VIDEO 1: Make a video with all the conclusions and data found doing the previous activities (water footprint, conclusions, graph of the water consumption, and examples of floods and droughts in their country).

VIDEO 2: Present an activist that you have selected as a role model (who, what, why).

PROJECT ACTIVITIES

ACTIVITY 1

1 Comparative study:

Compare your results with those of other groups or schools and compare the results shown in the previous videos. Comment on the differences in terms of consumer footprint and impact with your partners from other schools or organizations.

1. In Padlet, everyone shares their best ideas and practices for making better use of water.
2. Create a poster with Canvas or a similar poster creator with the ten most interesting ideas.
3. Print them out and hang them on the walls of your school or club.

ACTIVITY

ACTIVITY 3

ACTIVITY 4

SELF-EVALUATION