GREEN ERASMUS
RETHINK STUDENT MOBILITY

How can I make my Erasmus+ exchange carbon neutral?

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Emissions (mTCO2) produced on average by an Erasmus+ participant.
Based on the average distance of 1065 km and on a sample of 6113 participants [2],[3],[4].

On average, each year, 853 000 people travel with the Erasmus+ programme. We analyzed the 20 most common Erasmus+ routes in 2018 [1], and used the data to find the average CO2 produced by the trip.

Just taking the plane instead of the train produces three times as much CO2 emissions for the same distance travelled!

Sadly, across Europe, there are different infrastructures so the best way of transport isn’t always so obvious.

Considering this data, a student would produce 245 Kg of CO2 in a round-trip flight. To put this number into context: the maximum amount of CO2 that can be generated by a single carbon-neutral person in a year is 600 Kg. Just the flight would consume 40.83 % of the maximum amount in a year.

OUR SOLUTION

A new search engine on the official site of Erasmus+. Its goal is sorting the modes of transport by CO2 emissions, encouraging the participant to choose the most environmentally friendly option for their Erasmus+ exchange trip.

Why should a student choose the most sustainable way of travelling?

- Their choice would be considered when covering travel costs.
- They would be awarded with a coupon for merch stores at the university of their destination.
- They will fully enjoy the Erasmus+ trip: they can live a unique experience while also helping the planet.
SEARCH ENGINE
This is an example of what it might look like:

“The journey is better than the destination”

From Rome To Tübingen

By train
(3 stopovers in Milano Centrale, Zurich HB and Stuttgart Hbf)
(1119 Km) approx. 12 hours

ESTIMATED CO2 EMISSION: 41 Kg

By plane
(Rome-Stuttgart + bus)
(800 Km) approx. 5 hours

ESTIMATED CO2 EMISSION: 92 Kg
NEXT STEPS
working on the website gives us the option to expand on this idea over time and offer more green resources for participants in Erasmus+ programmes.

ARTICLES:
- Tübingen’s French Quarter: sustainable urban development
- A guide to Tübingen’s public transportation services

FORUM THREAD:
- Second hand bikes for sale in Tübingen
Creation of the engine
Platform development
Coupons for the university merch store

It brings students’ attention upon environmental issues
Simplifies organizing the trip
A way to help the student make a better informed decision

Thank you!