

GREEN ERASMUS

RETHINK STUDENT MOBILITY

How can I make my Erasmus+
exchange carbon neutral

?



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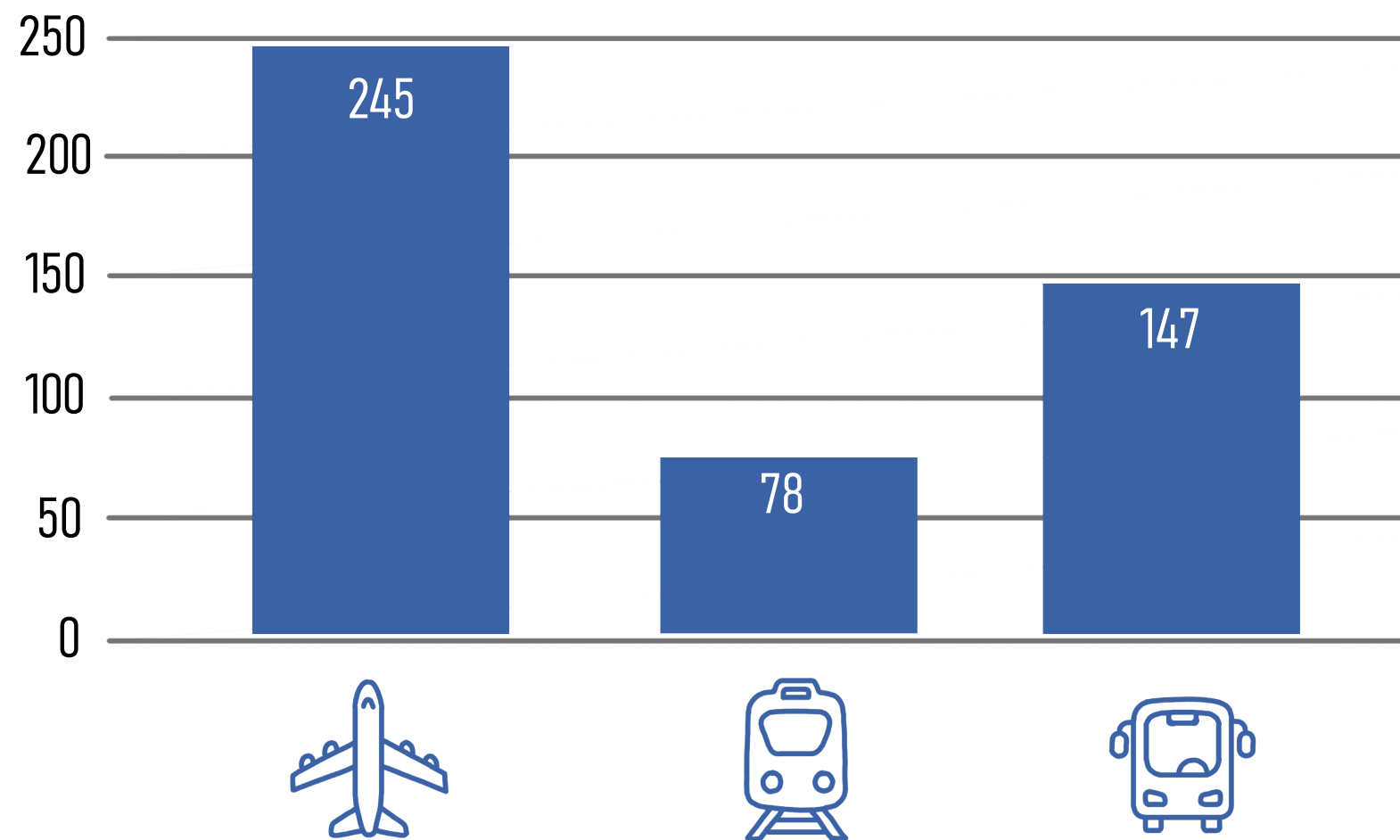
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OUR CHALLENGE

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].



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.

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.

[1] <https://www.tandfonline.com/doi/full/10.1080/00167223.2015.1136229>

[2] <https://www.carbonindependent.org/22.html>

[3] <https://dataportal.orr.gov.uk/media/1550/rail-emissions-2018-19.pdf>

[4] https://www.co2nnect.org/help_sheets/?op_id=602&opt_id=98

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	SEARCH 
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By train

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

ESTIMATED CO2 EMISSION:

41 Kg

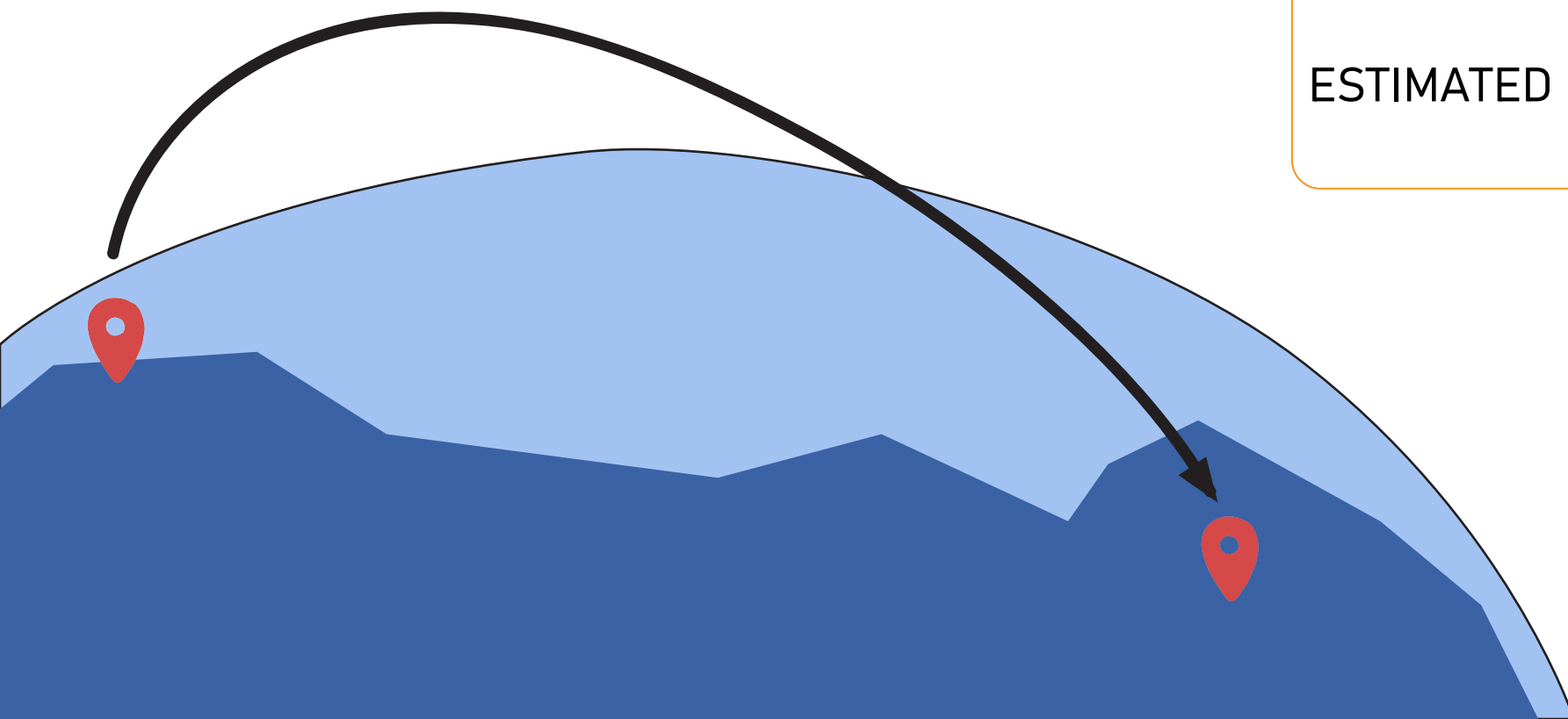


By plane

(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:

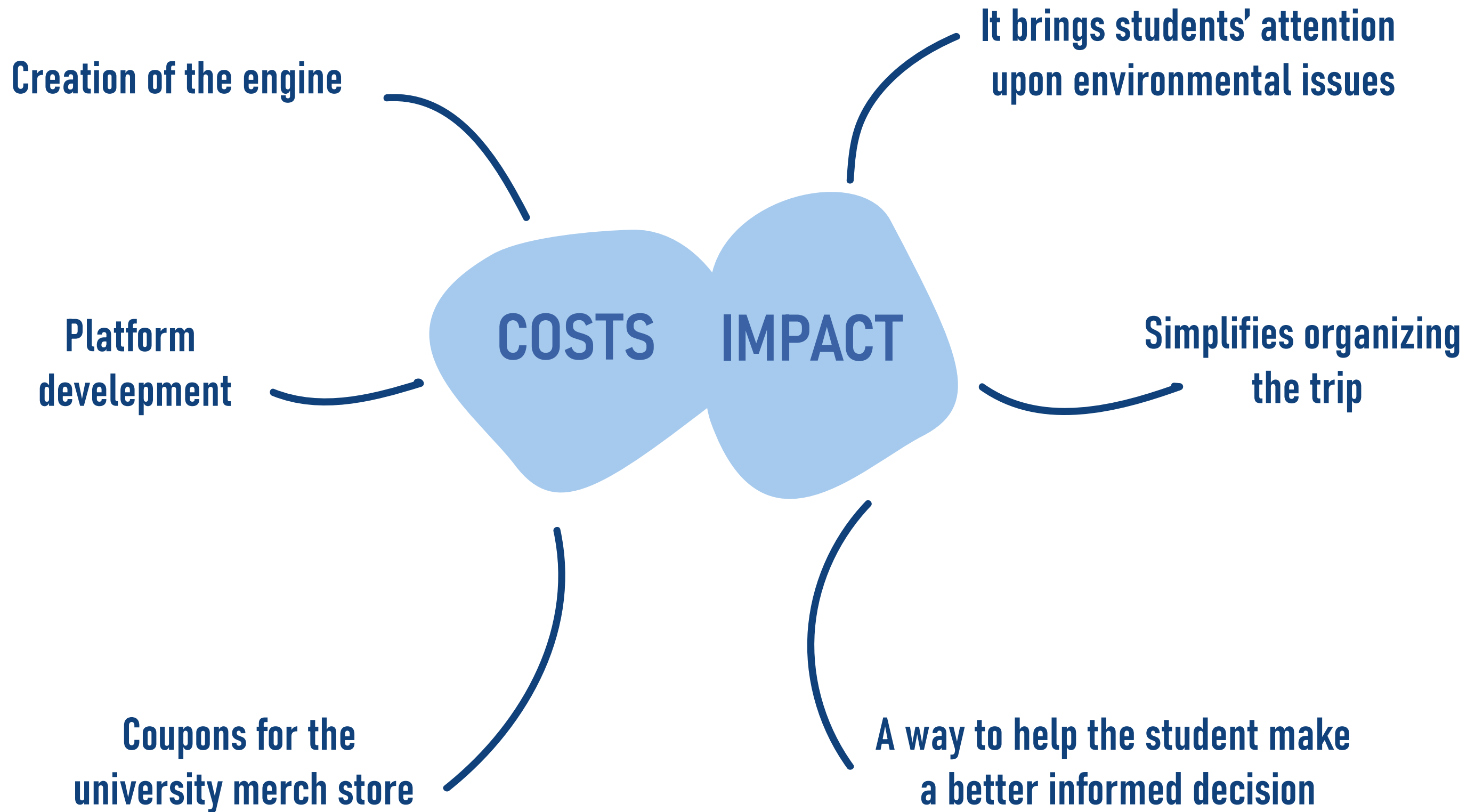
- [Tübingen's French Quarter: sustainable urban development](#)
- [A guide to Tübingen's public transportation services](#)

FORUM THREAD:

- [Second hand bikes for sale in Tübingen](#)



Tübingen



Thank you!