

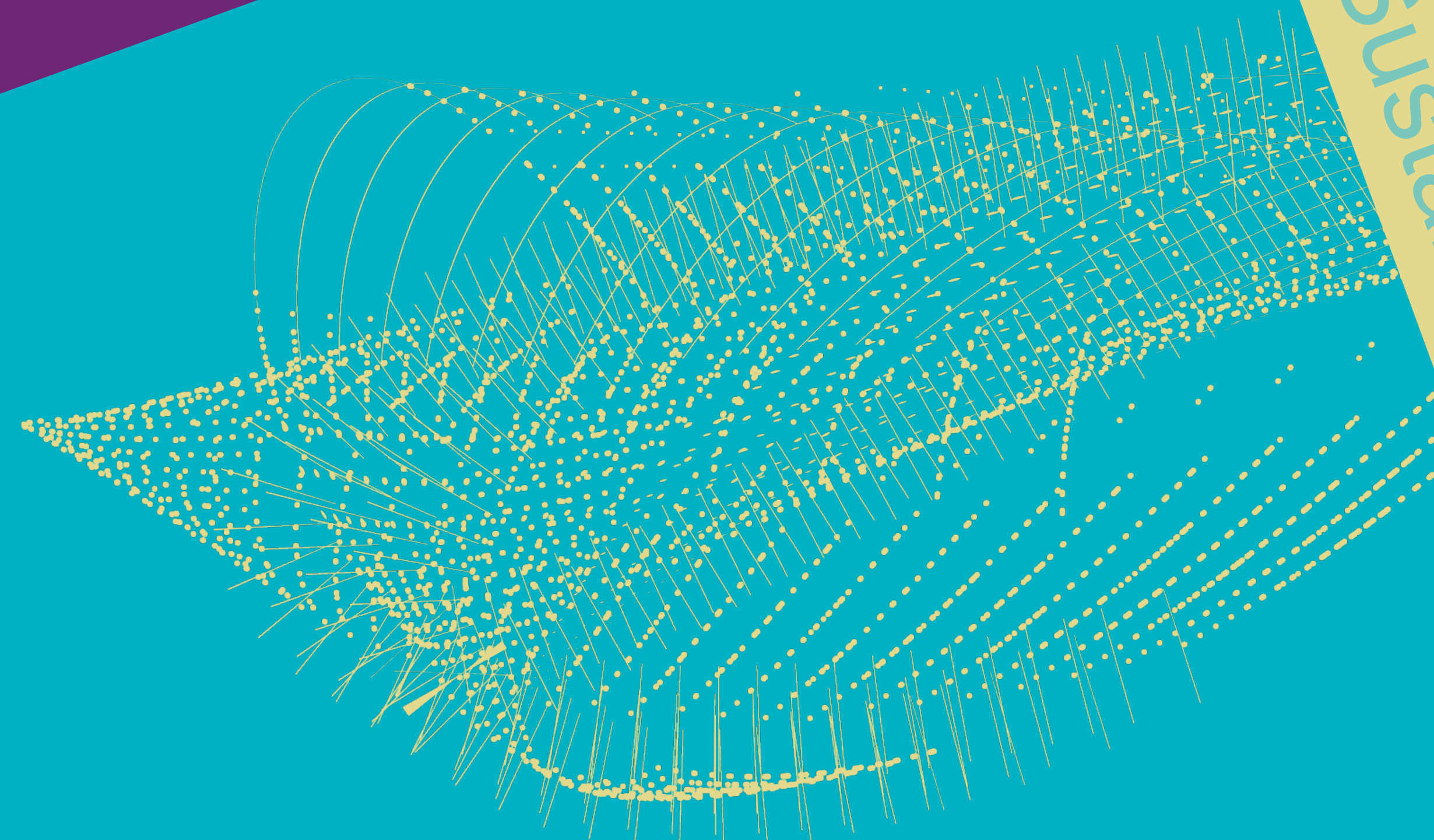


Workshop - Jamboree
15 May 2023

CO₂ NEUTRAL IN 2030

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Sustainability



- What we did in 2022
- Sustainability action plan 2023-2024
- Break-out sessions:
 - Energy
 - Waste
 - Behaviour
 - Sustainability of research infrastructures
 - Travel – *in-depth session planned; please join!*
- Nikhef's most visited places 2022

- we have Climate Ambassadors! Want to be one too? Mail duurzaamheid@nikhef.nl
- we have a website: <https://www.nikhef.nl/en/sustainability-our-ambition/>
- intranet page with train travel tips and tricks: <https://intranet.nikhef.nl/duurzaam-reizen-ervaringen/>
- made an action plan for 2023-2024 (see next slide)

- Create a clear policy on travel and make sure to communicate and optimize this process
- More electric charging docks will be added
- Solar panels: this year; advice, next year; construction
- Make recycle process transparent; communicate this internally and how to recycle here in general (three bins)
- Bring vegetarian food options in with the other institutes
- Organise events to promote and inspire sustainability, reuse and repair
- Put sustainability on Jamboree agenda

Reaching sustainability goals will require dedicated, consistent and long term attention. It will certainly mean changes in the way we work.

We want your input, help and feedback; please send it to: duurzaamheid@nikhef.nl or come and talk to us!

Please join a group and come talk to us about your ideas!

Groups/conversation topics:

- Energy
- Waste
- Behaviour
- Sustainability of research infrastructures
- Travel*

**In-depth session for travel policy recommendations planned for 6th or 28th of June...*

Which data do you prefer? Please join!

NIKHEF'S MOST VISITED PLACES 2022

Travel:

Flights: 403 total return flights

Of which:

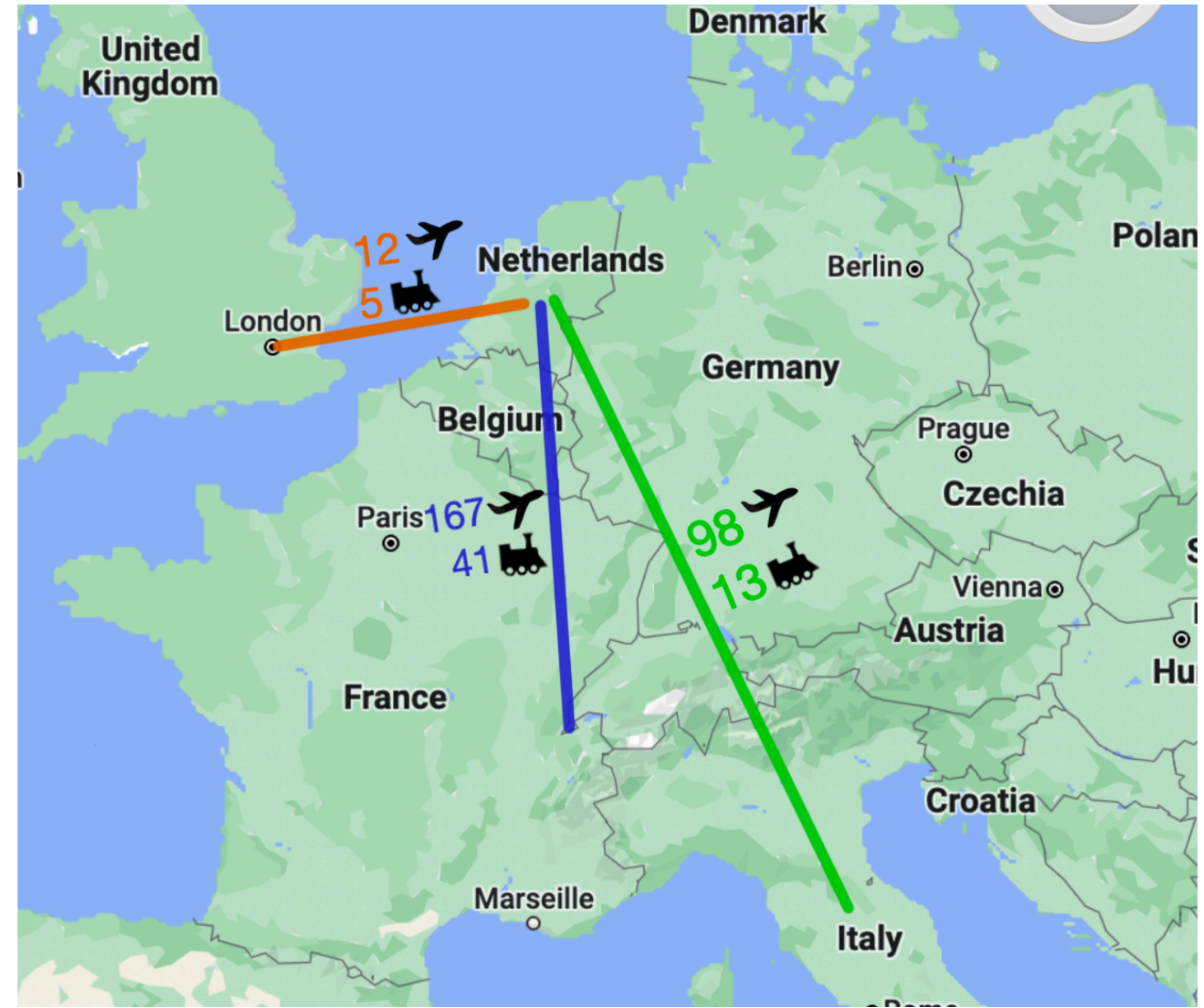
- 167 to CERN
- 12 to UK
- 98 to Italy
- 1 Maastricht – Brussels

Trains: 126 total train return trips

of which:

- 41 to CERN
- 13 to Italy
- 5 to UK

100.550* kg CO2 eq



What is this year, we did all those trips by train:

- CO2 emission per return train
- 208 to CERN = 10192 kg CO2 eq
- 17 to UK = 612 kg CO2 eq
- 111 to Italy = 9990 kg CO2 eq
- 1 to Brussels = 3,6 kg CO2 eq

21.100 kg CO2 eq

Saves 79.450 kg CO2 eq

* Calculated on 0.2 kg CO2 per km air travel and 0.036 kg CO2 eq emission per km train travel (based on: Arcadis sustainability footprint 2021)