



Eco-Travelers

Choose your Green Path...



Digital Sky Challenge 2019 - Team 11 - Challenge Environment



sopra  steria



How to be **eco-friendly** while travelling for business ?

What's really @stake?

Eco-Travelers

Your comparator helps you choose the greenest path, according to CO2 emissions derived from **real data**



Encourage business alliances for the
GREENEST GOOD

An aerial photograph of a lush green landscape with a patchwork of fields and a large wind turbine in the center. A stylized figure of a person wearing a green hat and carrying two green suitcases stands on the right. The word 'Play' is written in a white, handwritten font, with a white play button icon above it.

Play

Be Eco-Traveler !

Choose the greenest path and contribute to carbon offset initiatives & research programs



THANKS !

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Data usage and fuel prediction



Results are consistent with fuel consumption from other sources

The used data have been extracted from the regulations table



Bibliography

Information Provided are based upon literature and our own researches, here is a non exhaustive list:

<https://www.ontheluce.com/carbon-offsetting-flights/>

https://www.myclimate.org/?gclid=CjwKCAiArJivBRACEiwA-Wiqq0a-sjVANNT829CH1FyDxCcyESA9-hGDUKFhGvOO95ZFTltKao0E4hoC4fUQAvD_BwE

CO2 emissions have been computed based on fuel burnt with DGAC website formula

<https://eco-calculateur.dta.aviation-civile.gouv.fr/>

CO2 equivalence in trees computed based on literature : A new tree absorb ~40kg of CO2 /year

Consumption for train mode is taken from literature : 0,2kg CO2/km/pax

<https://www.oui.sncf/aide/calcul-des-emissions-de-co2-sur-votre-trajet-en-train>

Mean load factor for AC/type has been set at 0,85% , based on literature.

<https://youmatter.world/fr/arbres-stocke-carbone-combien/>

