



Eco-Travelers

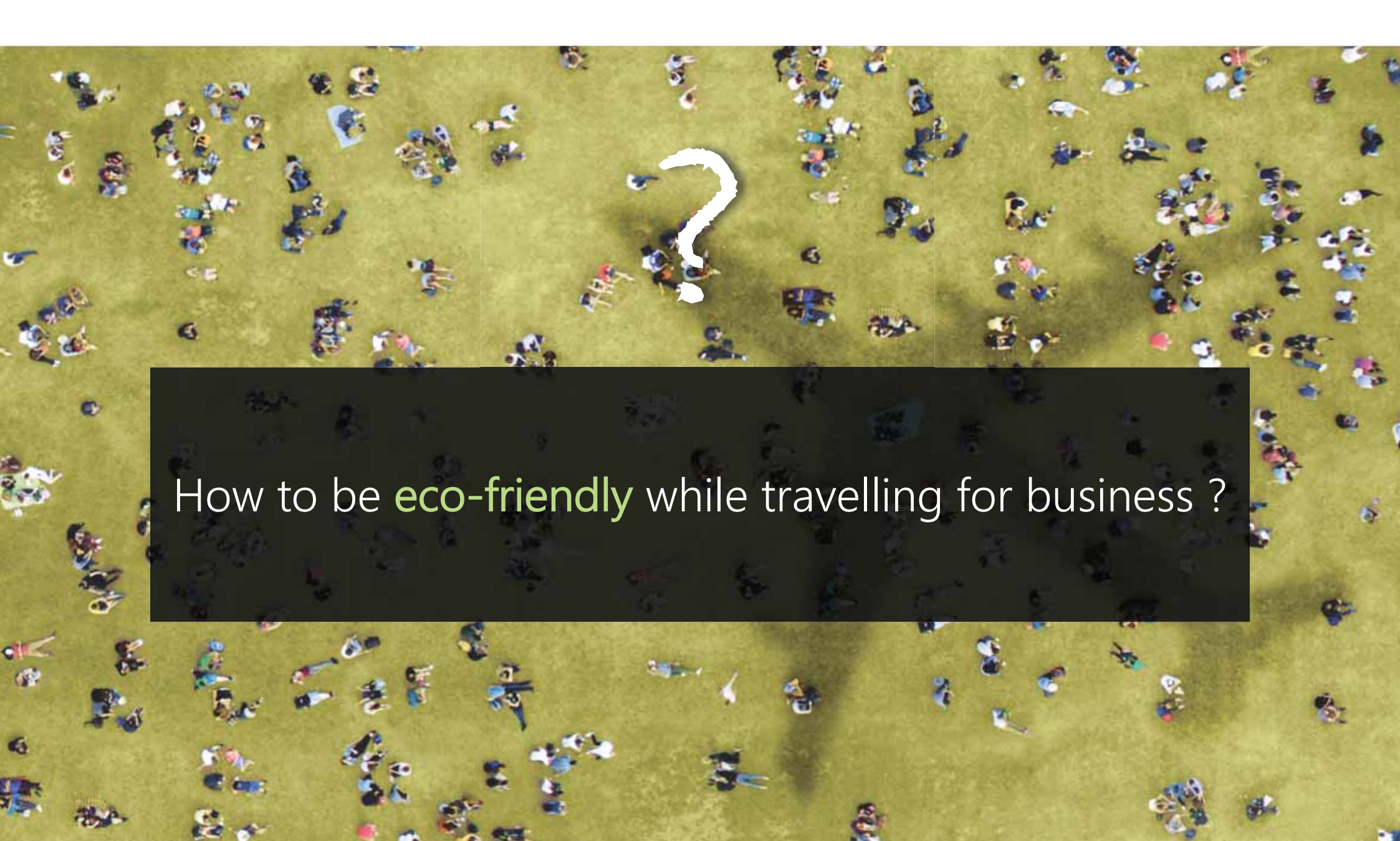
Choose your Green Path...



Digital Sky Challenge 2019 - Team 11 - Challenge Environment



sopra  steric



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



What's really @Stakes?

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 wind turbine in the foreground. A stylized person wearing a green hat and carrying two green suitcases stands next to the turbine. 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-hGDUKFnGvOO95ZFtItKao0E4hoC4fUQAvD_BwE

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

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

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

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

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

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

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

