

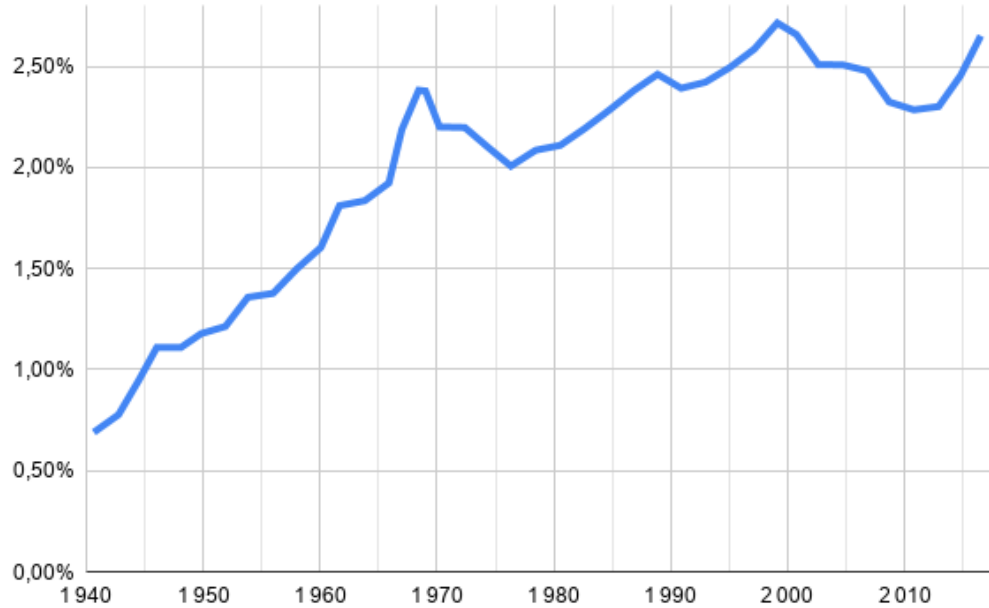
Towards a environmentally sustainable aviation ?

Charles-André QUESNEL (ETF)



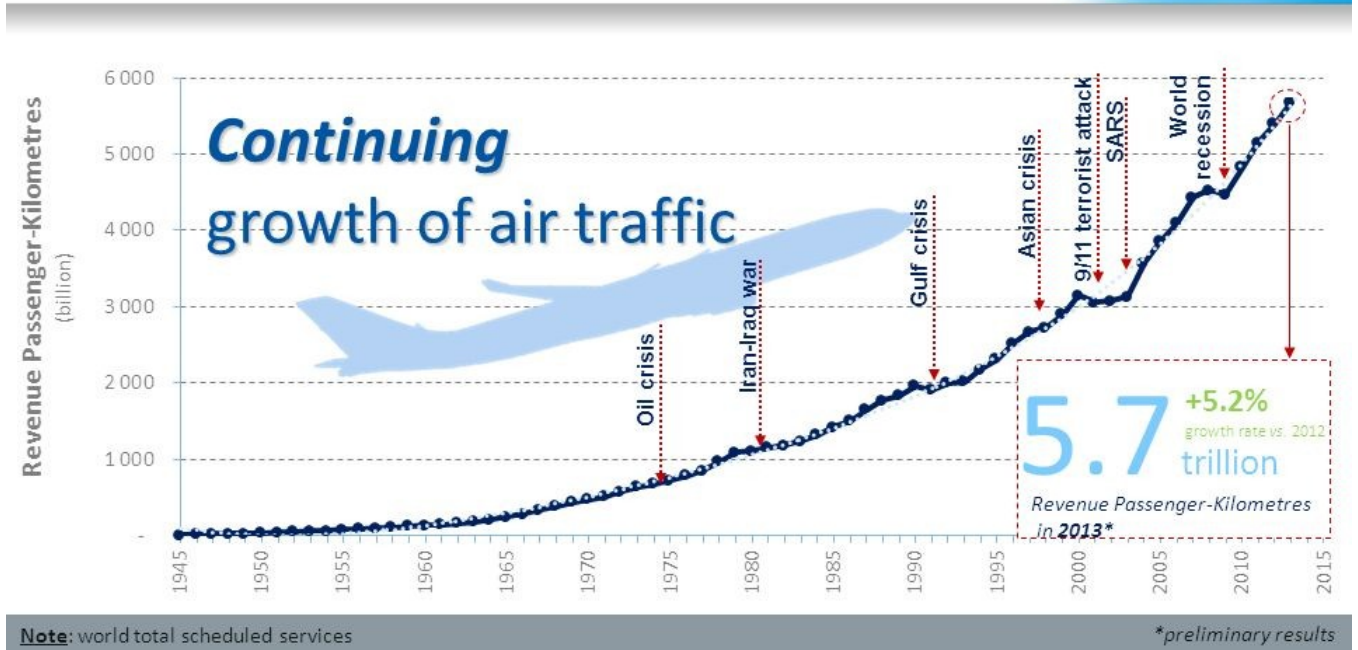
Setting the scene

CO2 emissions fraction of Aviation (%)

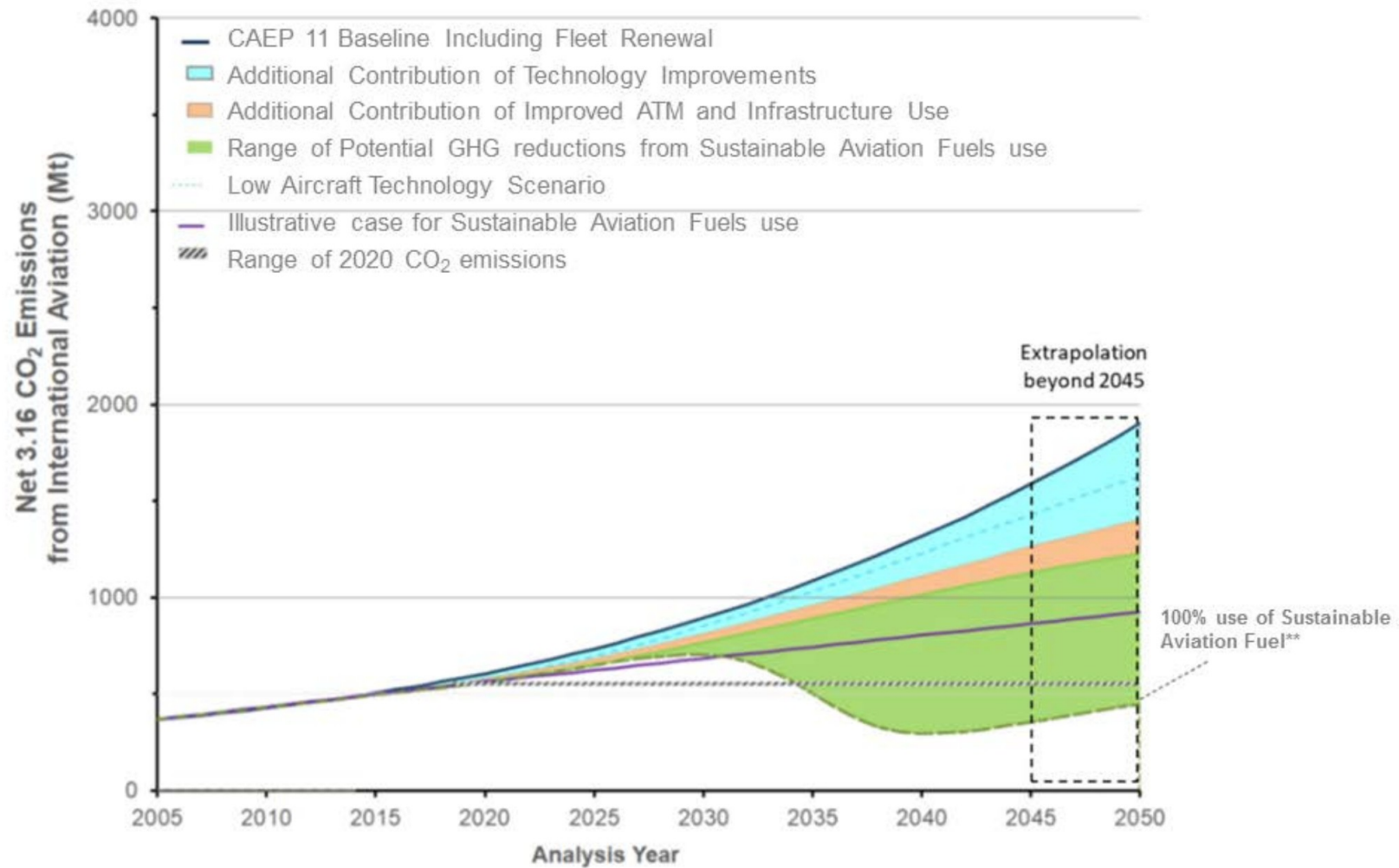


ICAO BEIJING RSO UNITING AVIATION

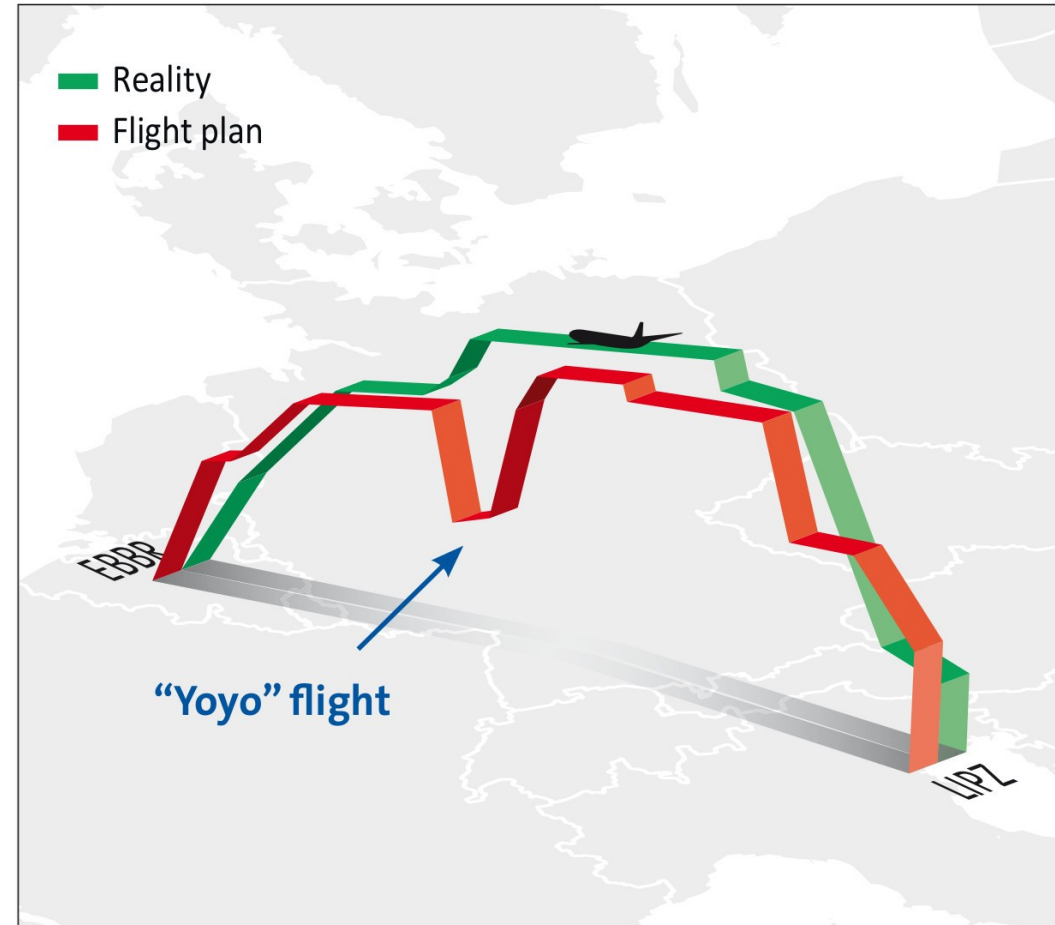
NO COUNTRY LEFT BEHIND



What to expect ?

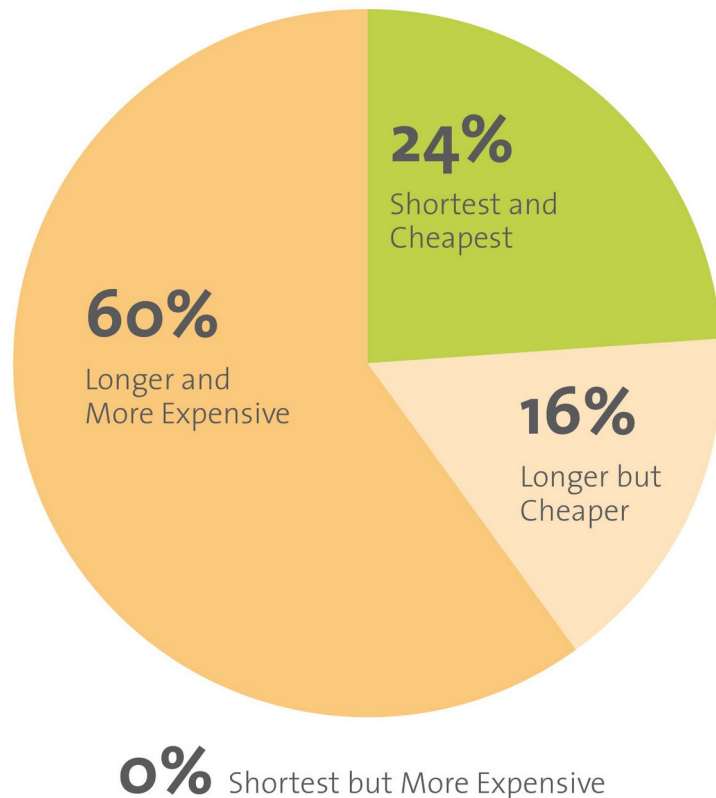


Europe Low-hanging fruits :



Europe Low-hanging fruits :

FAB CE STUDY: HOW AIRLINES ACTUALLY FLY



Source: Helios filed flight plan study

The EUROCONTROL Network Manager wins the Network Performance Improvement Award for the “NM 4ACC initiative” at the SES Awards



EUROCONTROL Network Manager 4ACC

For the first time, capacity shortages in the network were managed with a truly network approach

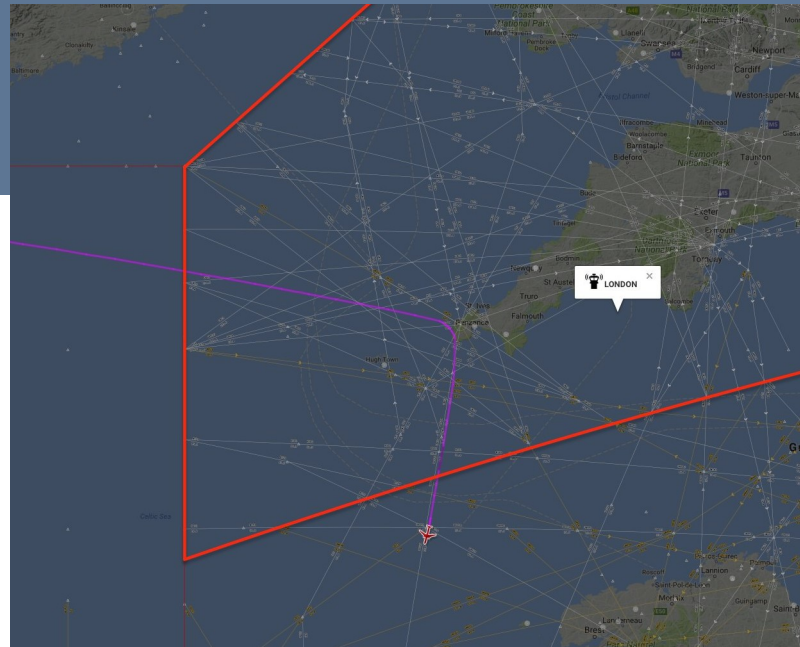
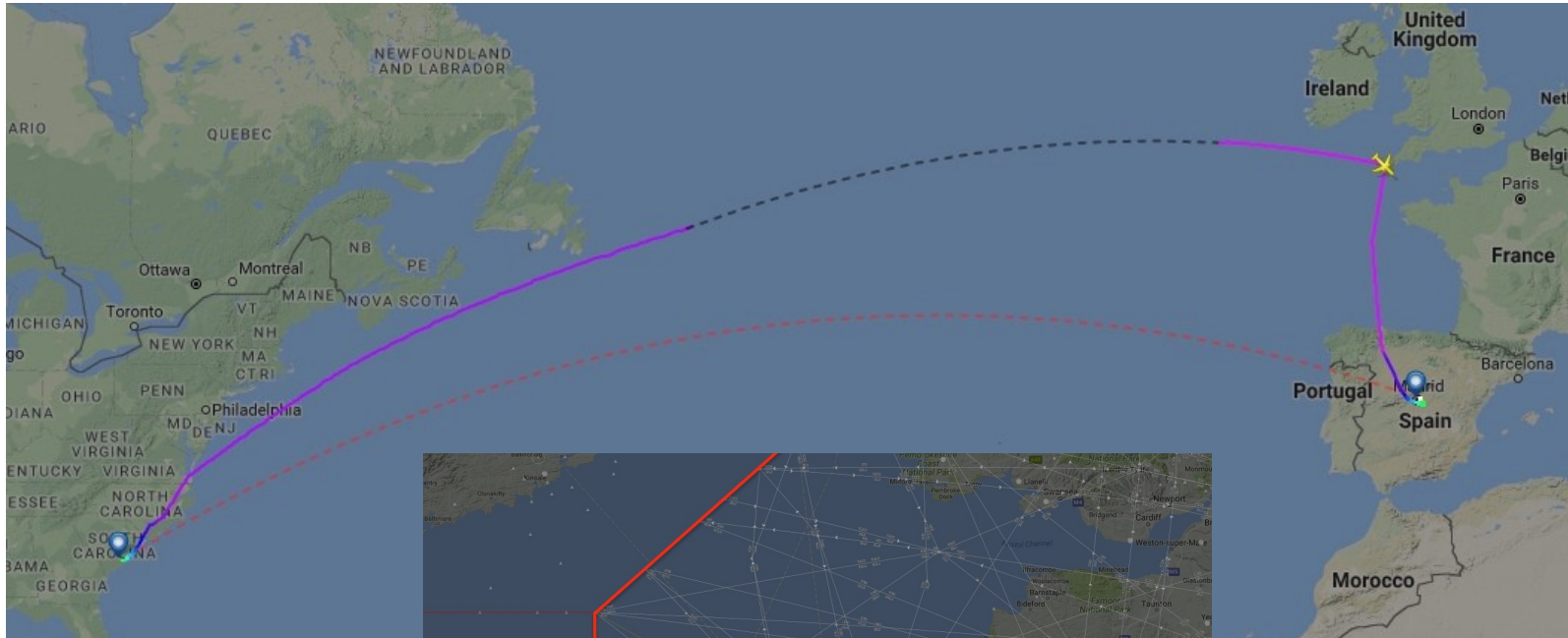
Eurocontrol

In partnership with
NATS
DFS
DSNA
MUAC

BE



Europe Low-hanging fruits :



More difficult topics :

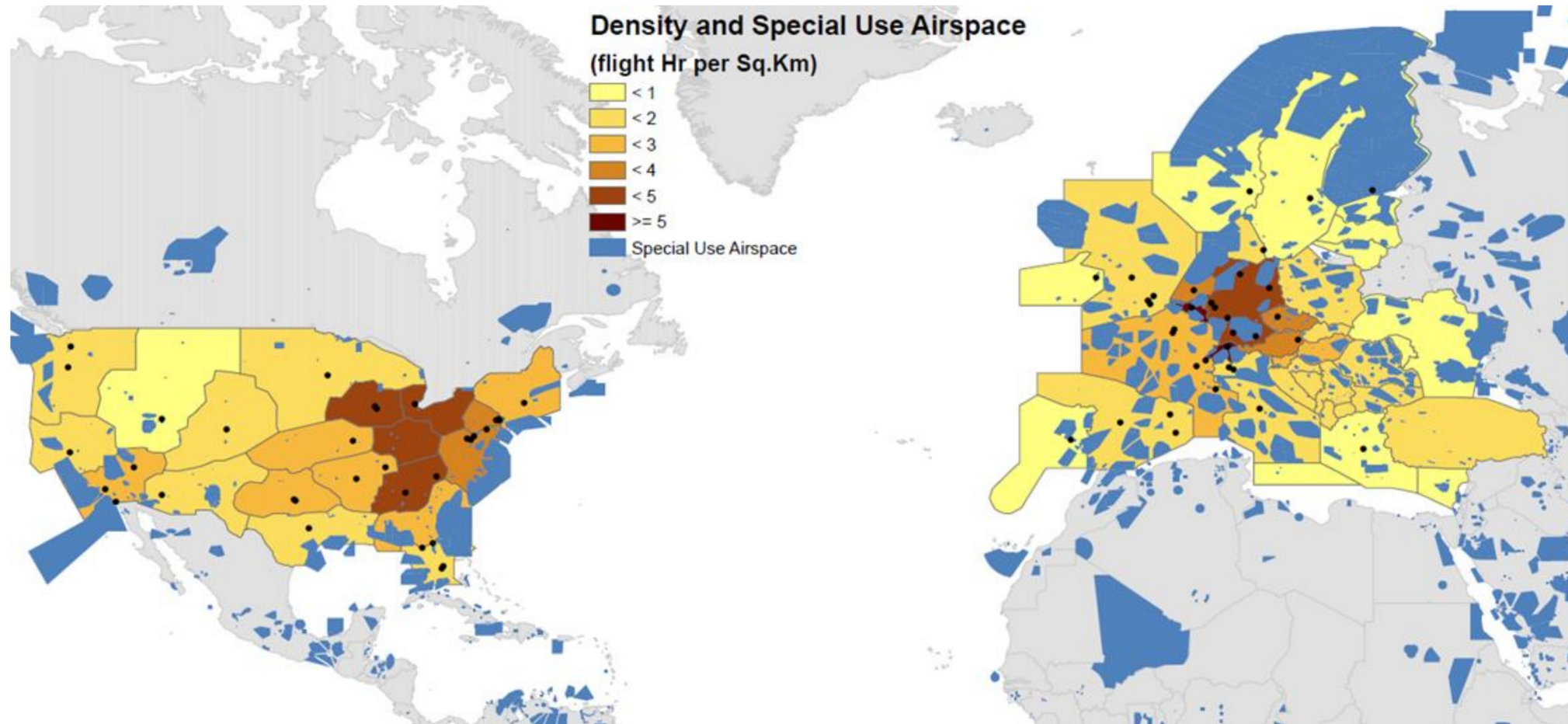
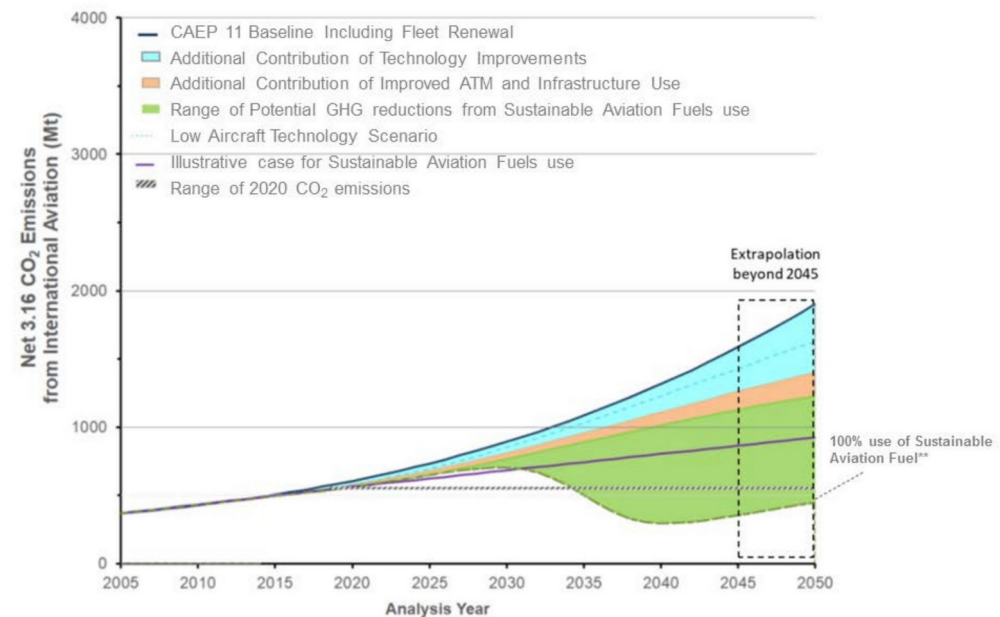


Figure 18 - Density and Special Use Airspace (Source PRU)

Aviation, for what, for who ?

- Worldwide, only 10 % of the population take the plane each year
- 1 % of the population cause half of global aviation emissions
- 2017 in Le Bourget, it was calculated that the mean consumption of passengers was 100L per 100km
- Importance of intermodality of transport
- Need for ambitious regulations ?



Thank you for your attention.

Any questions ?

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