



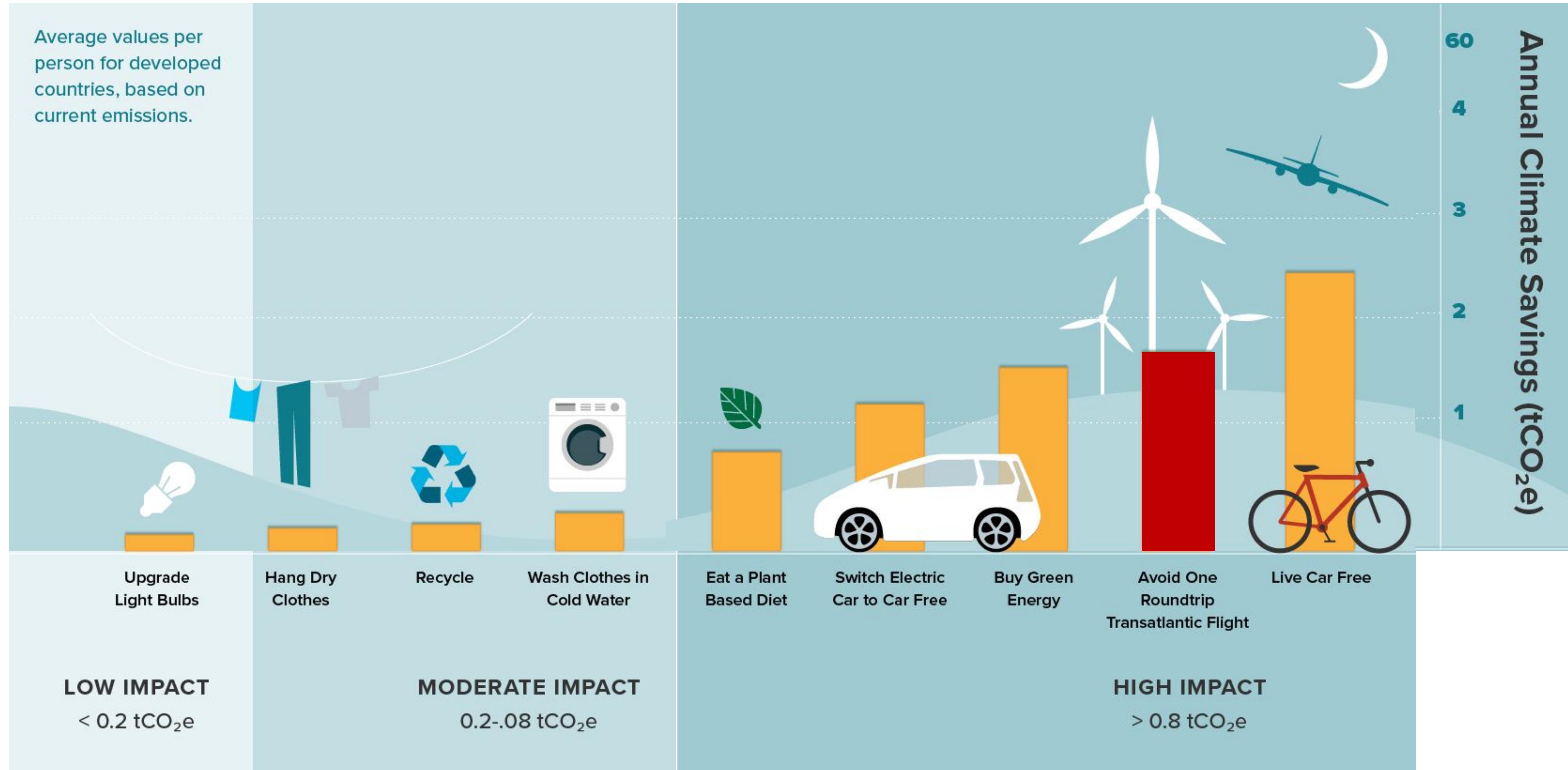
Decarbonizing science: OHBM 2021 action in academic communities and institutions

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Slides: anneurai.net/green-neuroscience

Individual carbon emissions



Original Data from Wynes & Nicholas, 2017, Environmental Research Letters <https://doi.org/10.1088/1748-9326/aa7541>

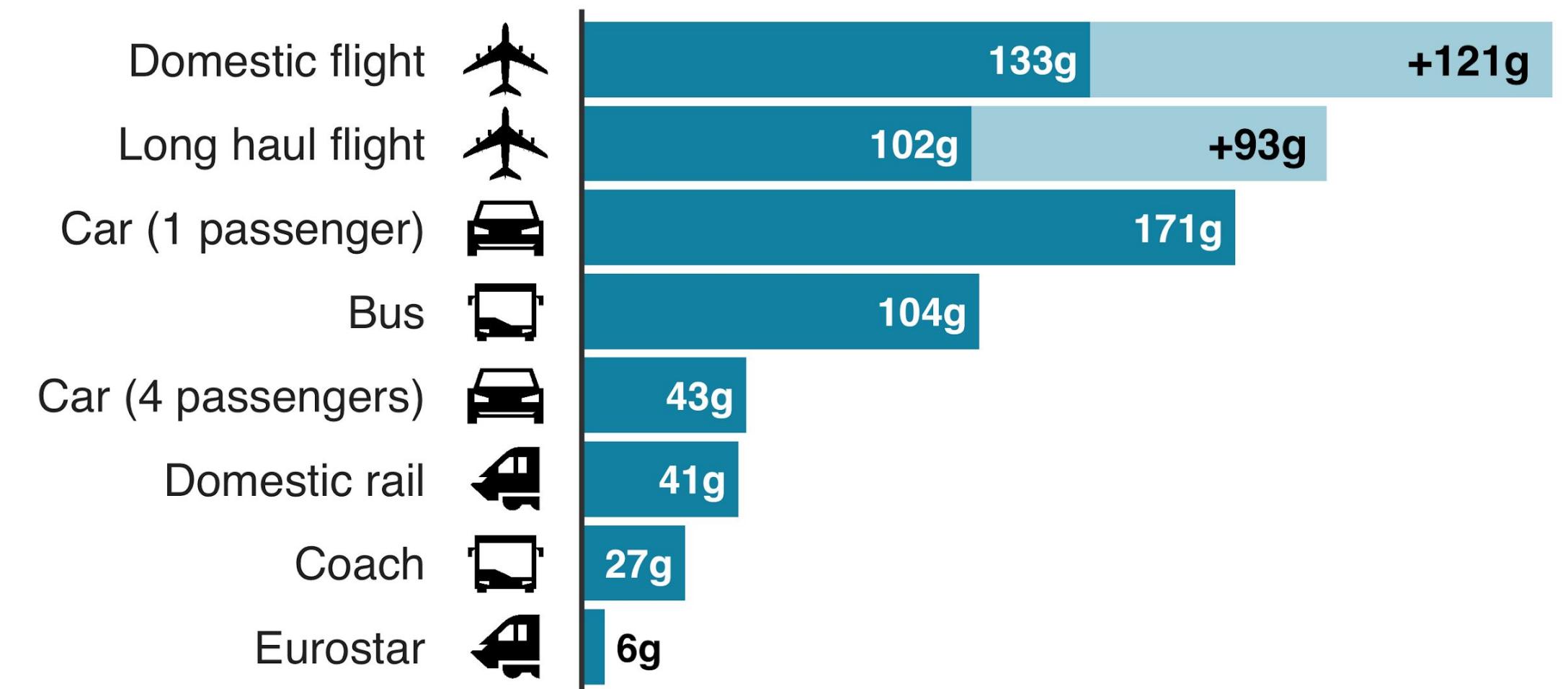
Original Graphic from Catrin Jakobsson

How to fly less

- Travel overland: rail, car(share)
- Enjoy and take time - slow travel
- Collaborate & conference locally
- When flying:
 - combine multiple trips into one
 - don't fly first class
 - Spread the word!

Emissions from different modes of transport
Emissions per passenger per km travelled

■ CO2 emissions ■ Secondary effects from high altitude, non-CO2 emissions



Note: Car refers to average diesel car

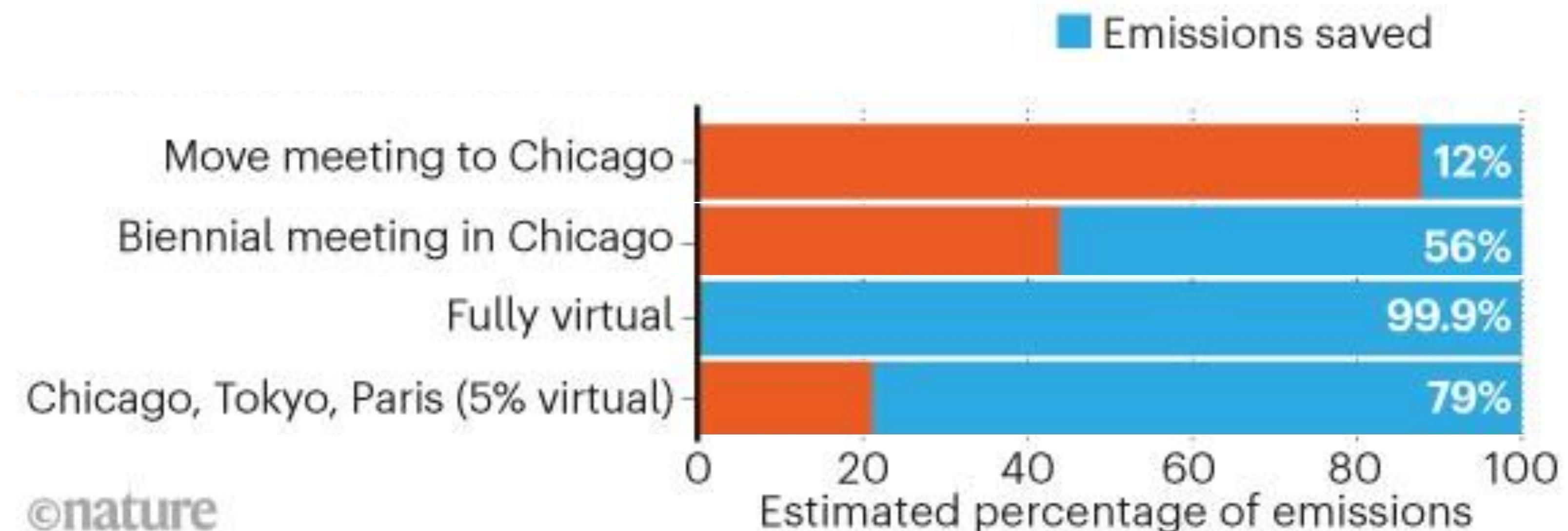
Source: BEIS/Defra Greenhouse Gas Conversion Factors 2019

BBC

<https://www.bbc.com/news/science-environment-49349566>

Push for greener conferences

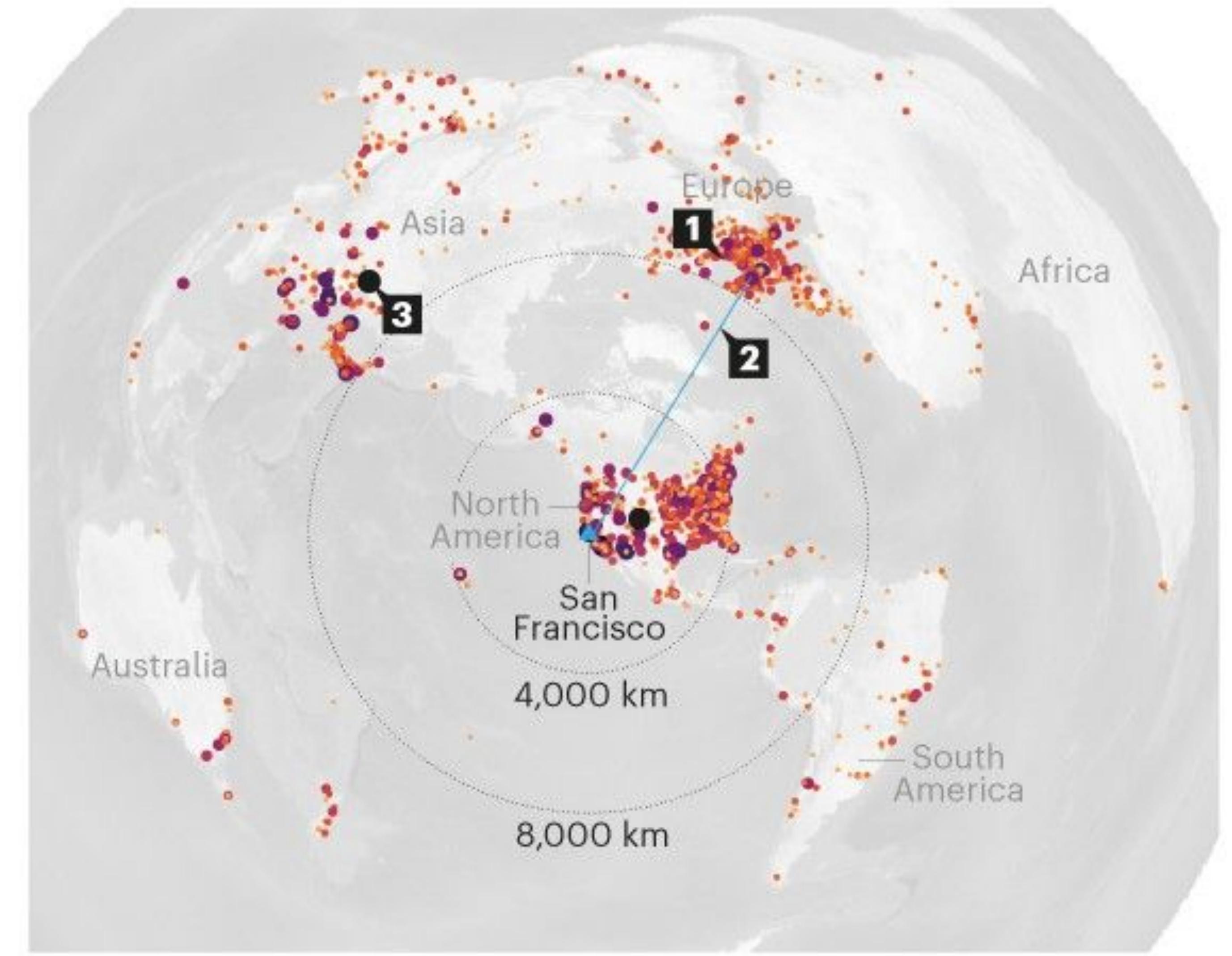
- Pick location wisely
 - <https://travel-footprint-calculator.irap.omp.eu/>
- Reduce frequency
- Change to virtual
- Hybrid: virtual + local hubs



Source: M. Klöwer <https://doi.org/10.5281/zenodo.3553784> (2019)

Push for greener conferences

- Pick location wisely
 - <https://travel-footprint-calculator.ir>
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Greener conferences

- Low cost
- Accessibility
 - Visa restrictions
 - Family responsibilities
 - Travel difficulties
- *More diversity*

