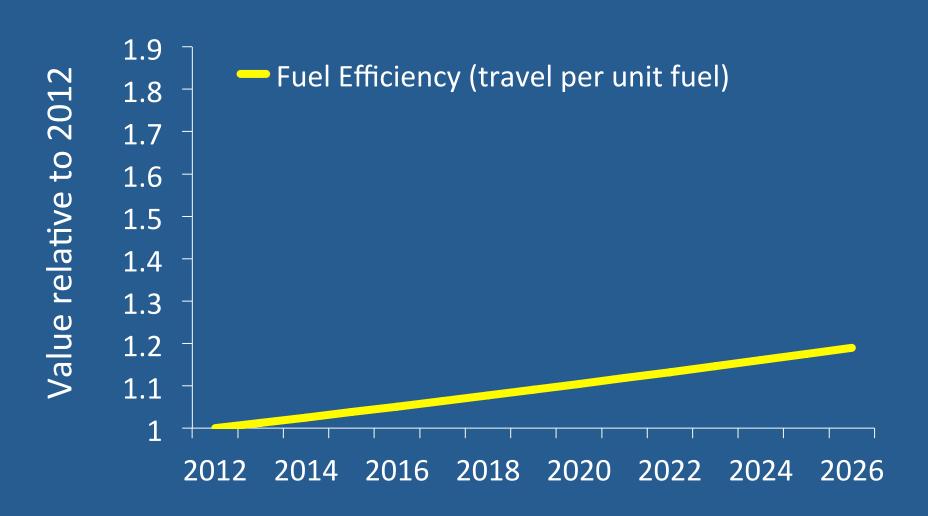


Modeling flight efficiency reveals new opportunities

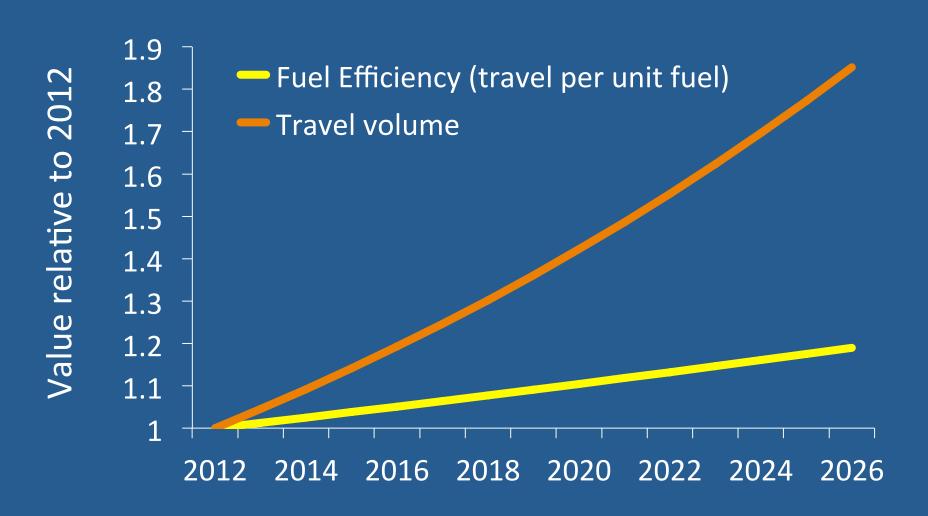


lan Hough and Matt Kling
Brighter Planet

Air travel: a growing problem



Air travel: a growing problem



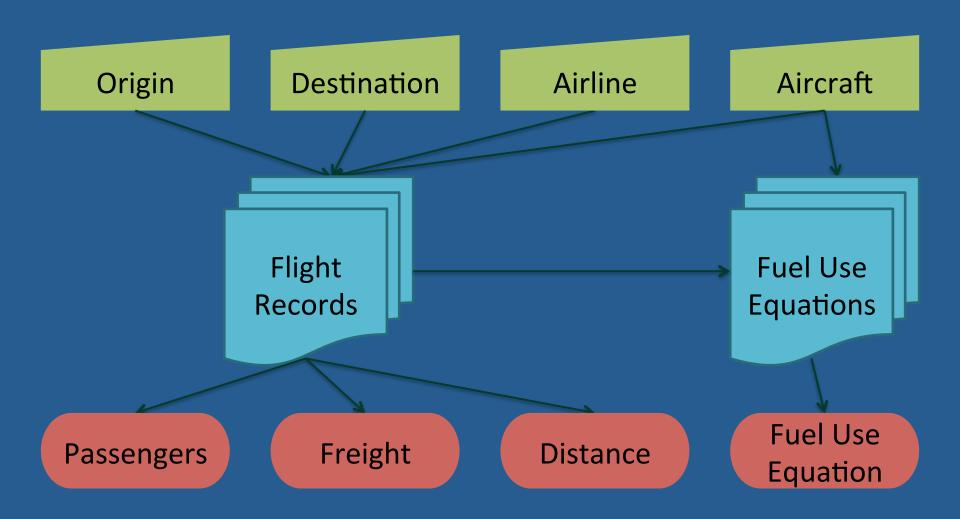
How can we reduce emissions?

Ask people not to fly!

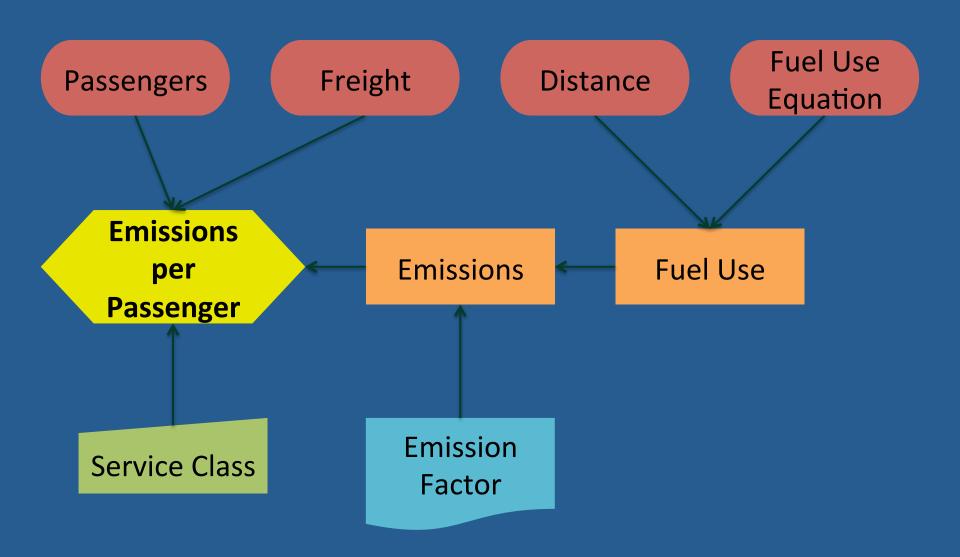
But many will anyway.

Could travelers choose cleaner flights?

Our model: inputs & averaging



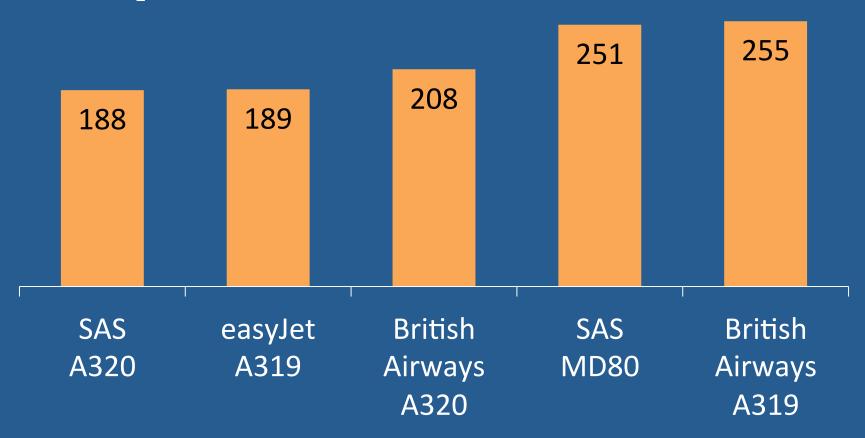
Our model: emissions calculation



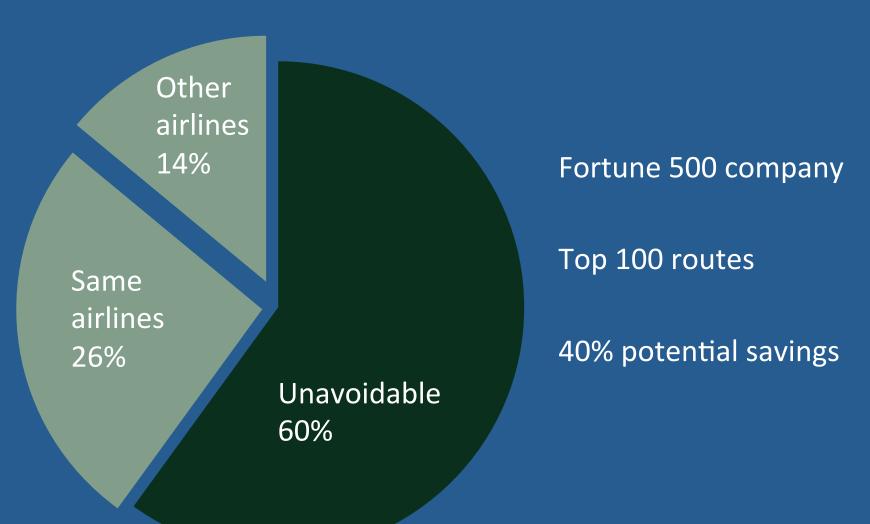
Flights vary in efficiency.

London - Copenhagen

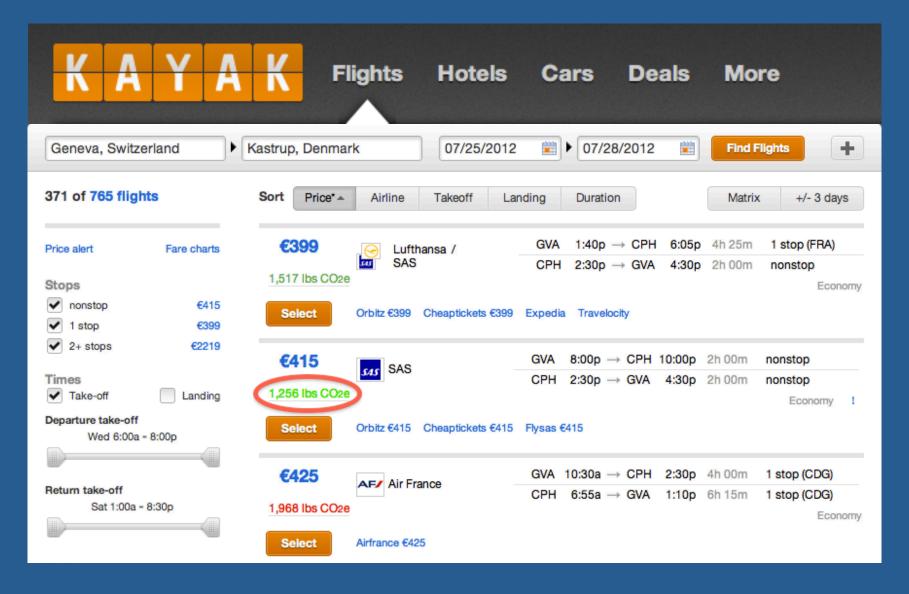
kg CO₂e per passenger



A Fortune 500 company



Application: careplane.org



For more information...

Me:

ian@brighterplanet.com

Model details & source code:

http://impact.brighterplanet.com/models/flight

Paper on Air Travel Carbon and Energy Efficiency:

http://brighterplanet.com/research

Careplane browser plugin

http://careplane.org