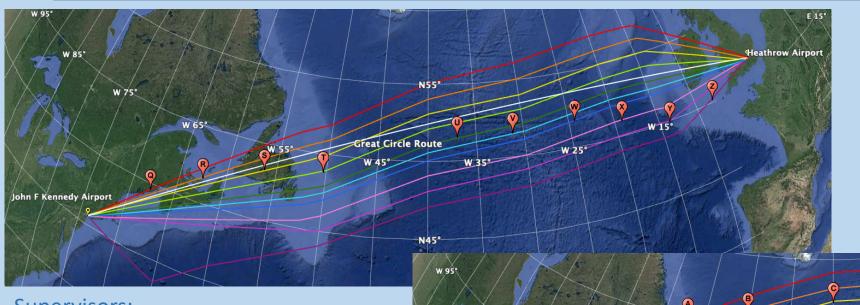
## Optimising trajectories to reduce transatlantic flight emissions.



Heathrow Airport



ohn F Kennedy Airport

## **By Cathie Wells**

<u>Principal supervisor:</u>Professor Paul D. Williams(University of Reading)

W 25°

## **Supervisors:**

Professor Nancy K. Nichols (University of Reading) Dr Dante Kalise (University of Nottingham) Professor Ian Poll (Poll AeroSciences Ltd)

**Mathematics of Planet Earth** 

**Great Circle Route** 

W 35°

W 45°

11th June, 2020