

UECNA Webinar

John Stewart

Performance Based Navigation

- A question of when it will be introduced
- No major airport can be an exception to a world-wide system
- For me, therefore, the question is how can communities benefit

Heathrow Case Study

- How Heathrow dealt with community concerns about airspace changes

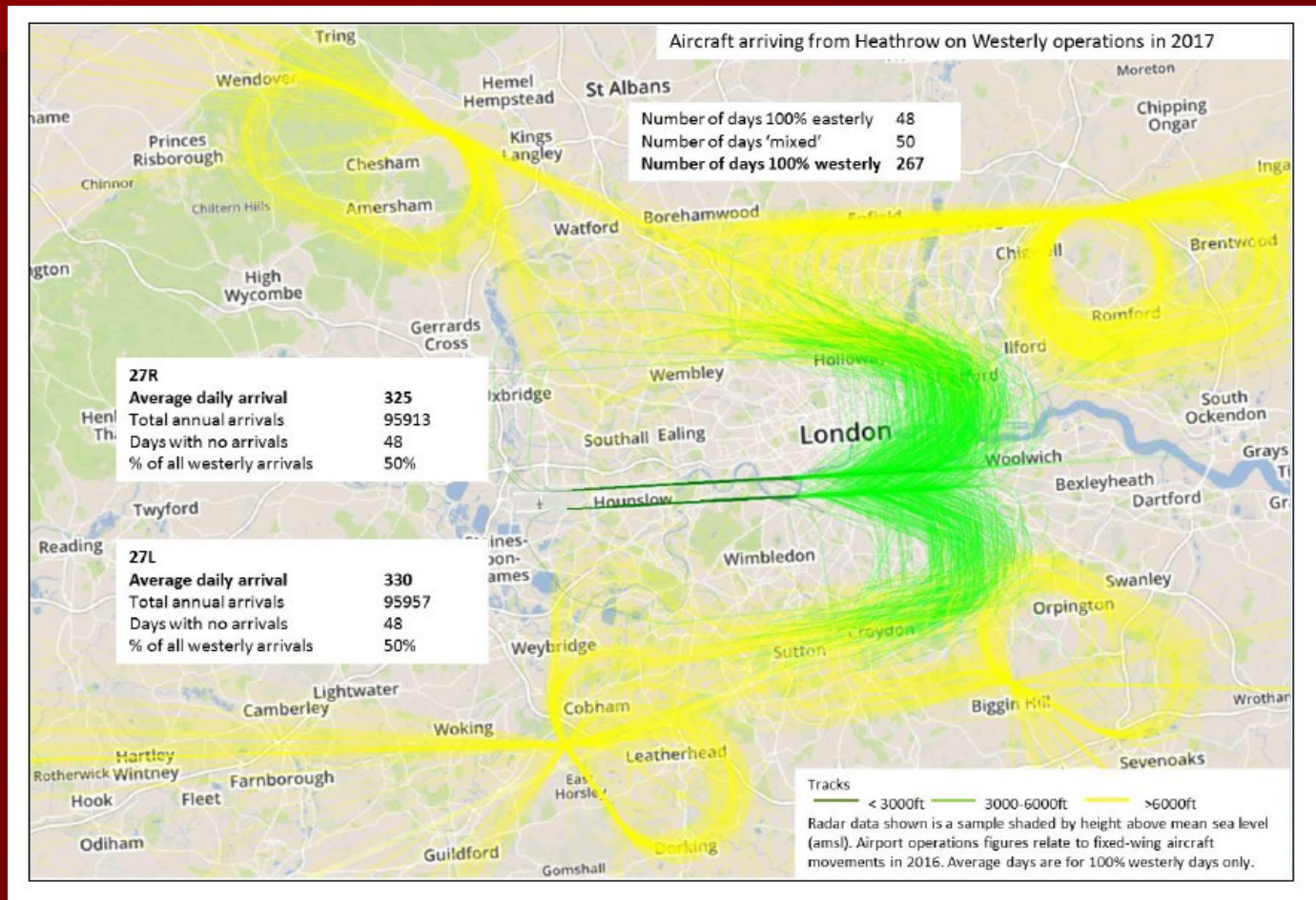
Step 1

- In its first consultation Heathrow asked communities what was most important to them:
- All flights concentrated over the same areas?
- Flight paths alternated to provide respite?
- New areas to be avoided?

Step 2

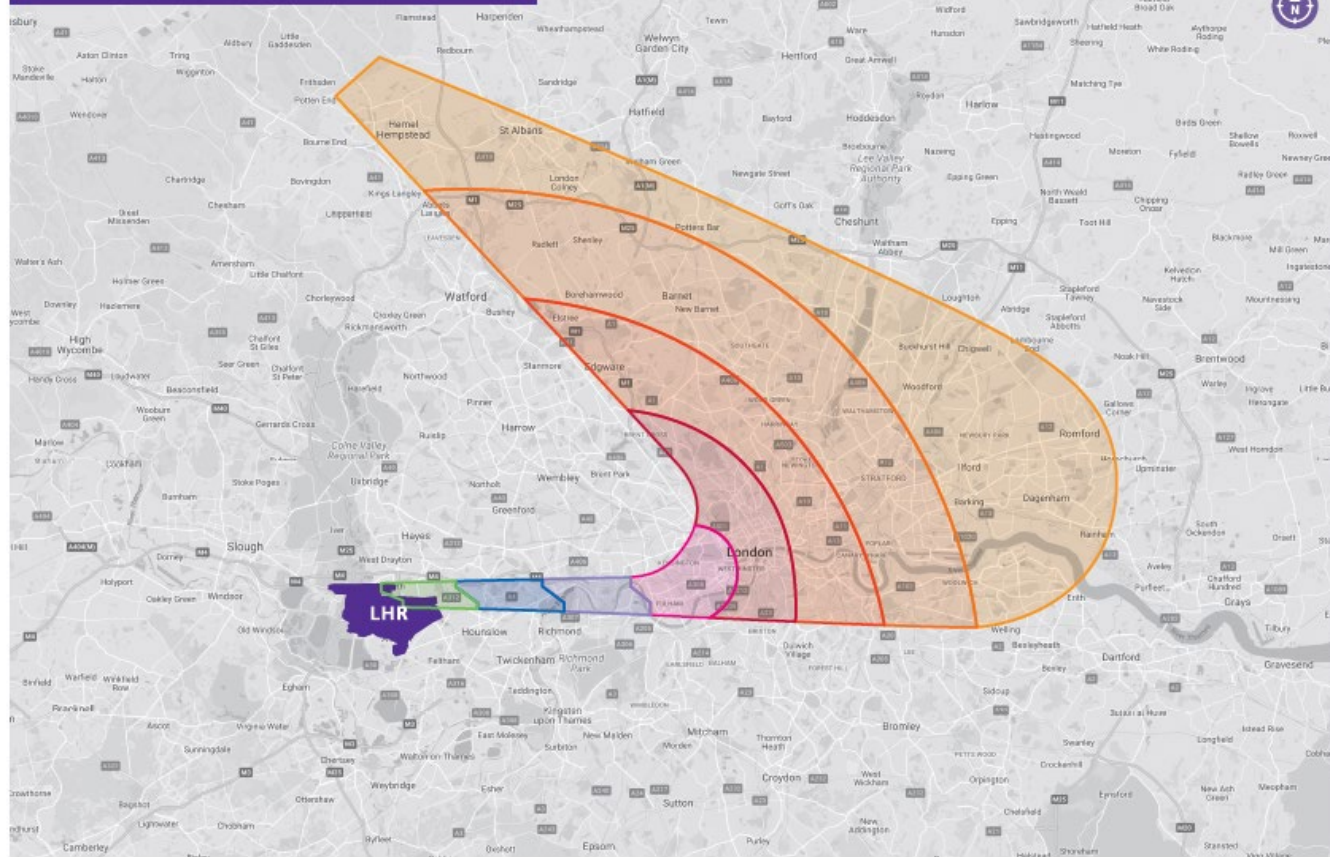
- Heathrow set out to redesign its airspace based on the results of the consultation

Heathrow arrivals at present

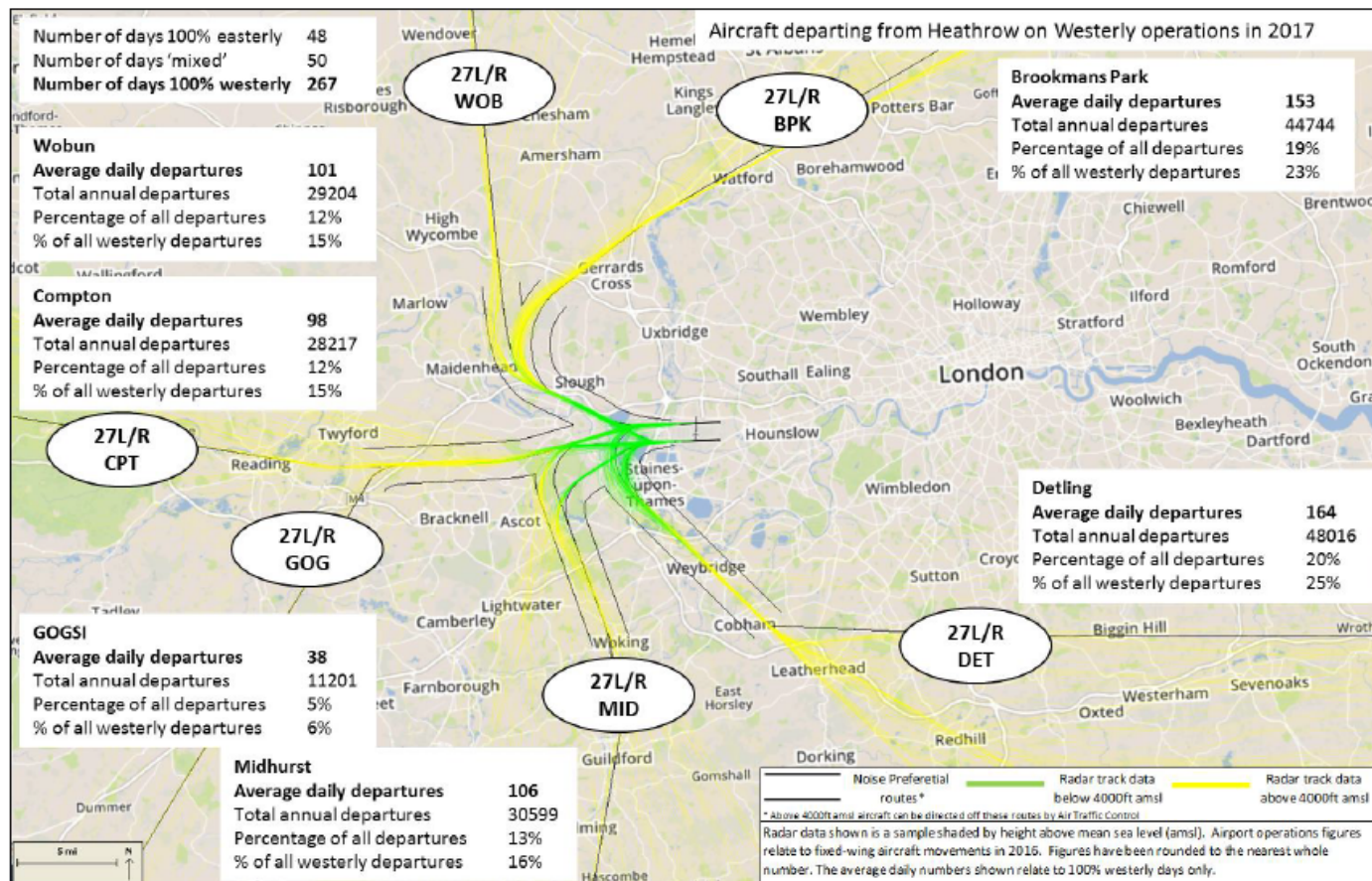


New Proposals

Arrivals-2 for the northern or middle runway

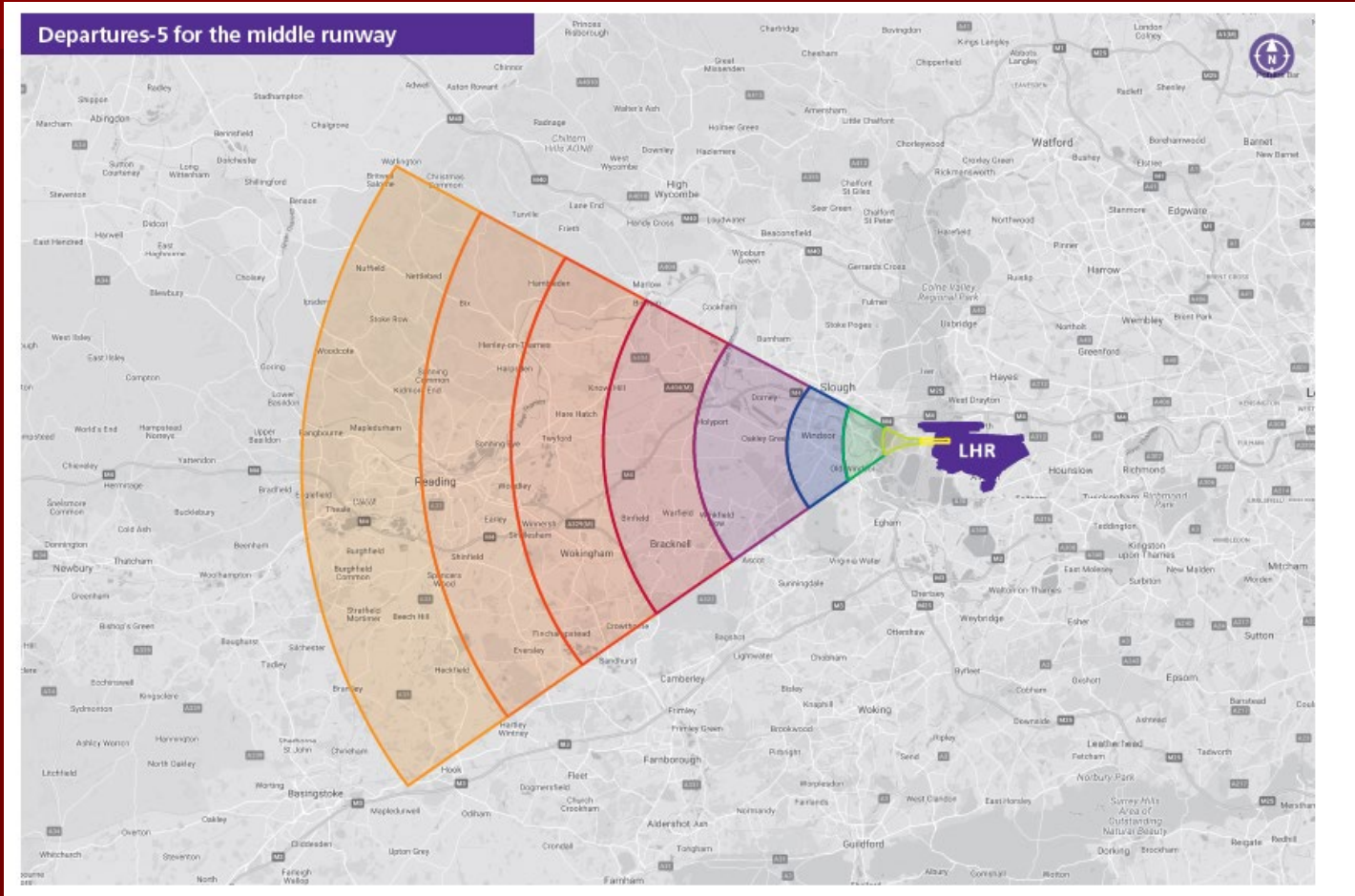


Departures at present



New Proposals

Departures-5 for the middle runway



Other measures proposed

- Steeper landings and take-offs
- Daytime respite linked to night respite