

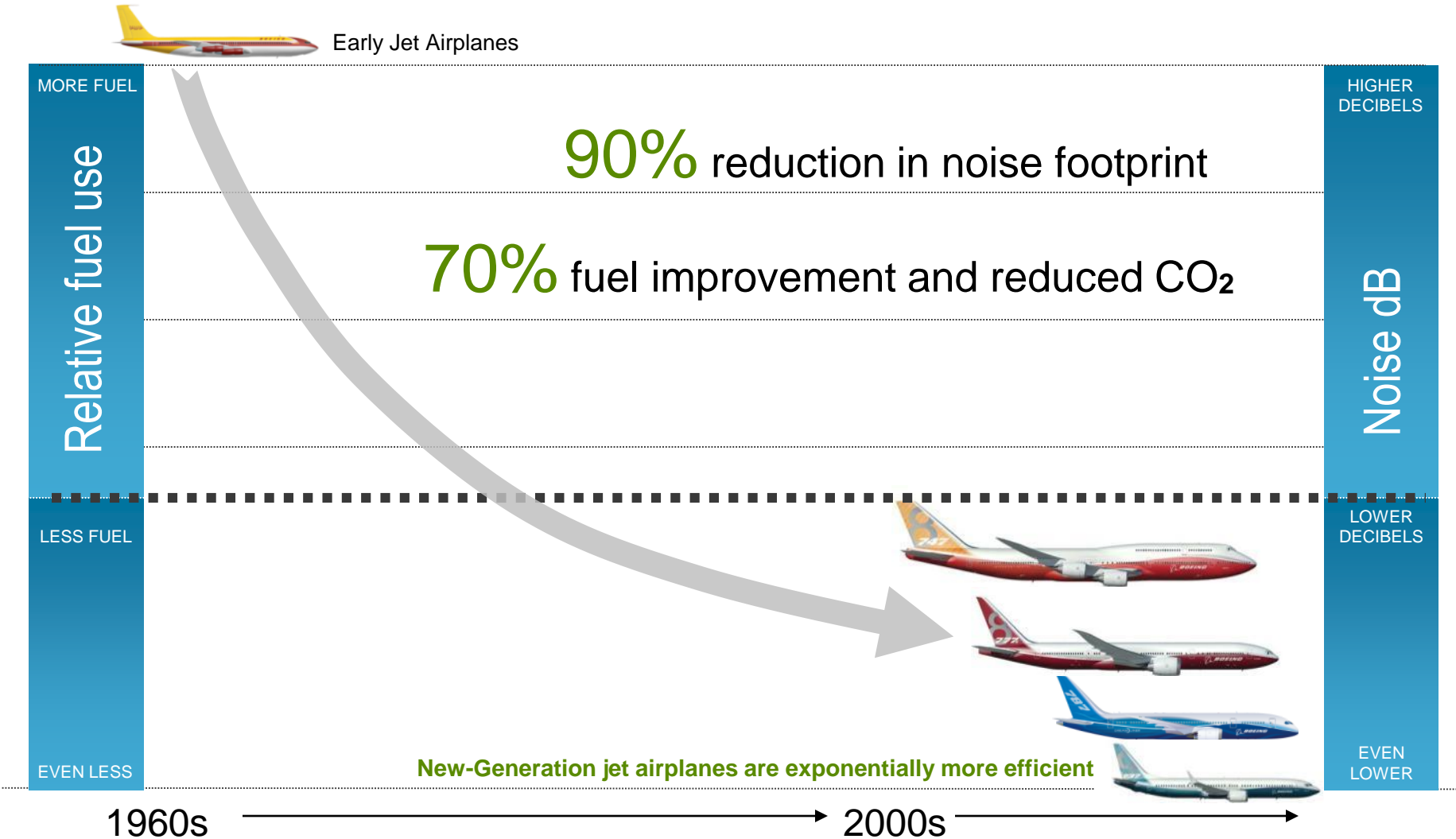


Aerodays2015

**Mike Sinnett –
Vice President, Product Development**

October 20, 2015

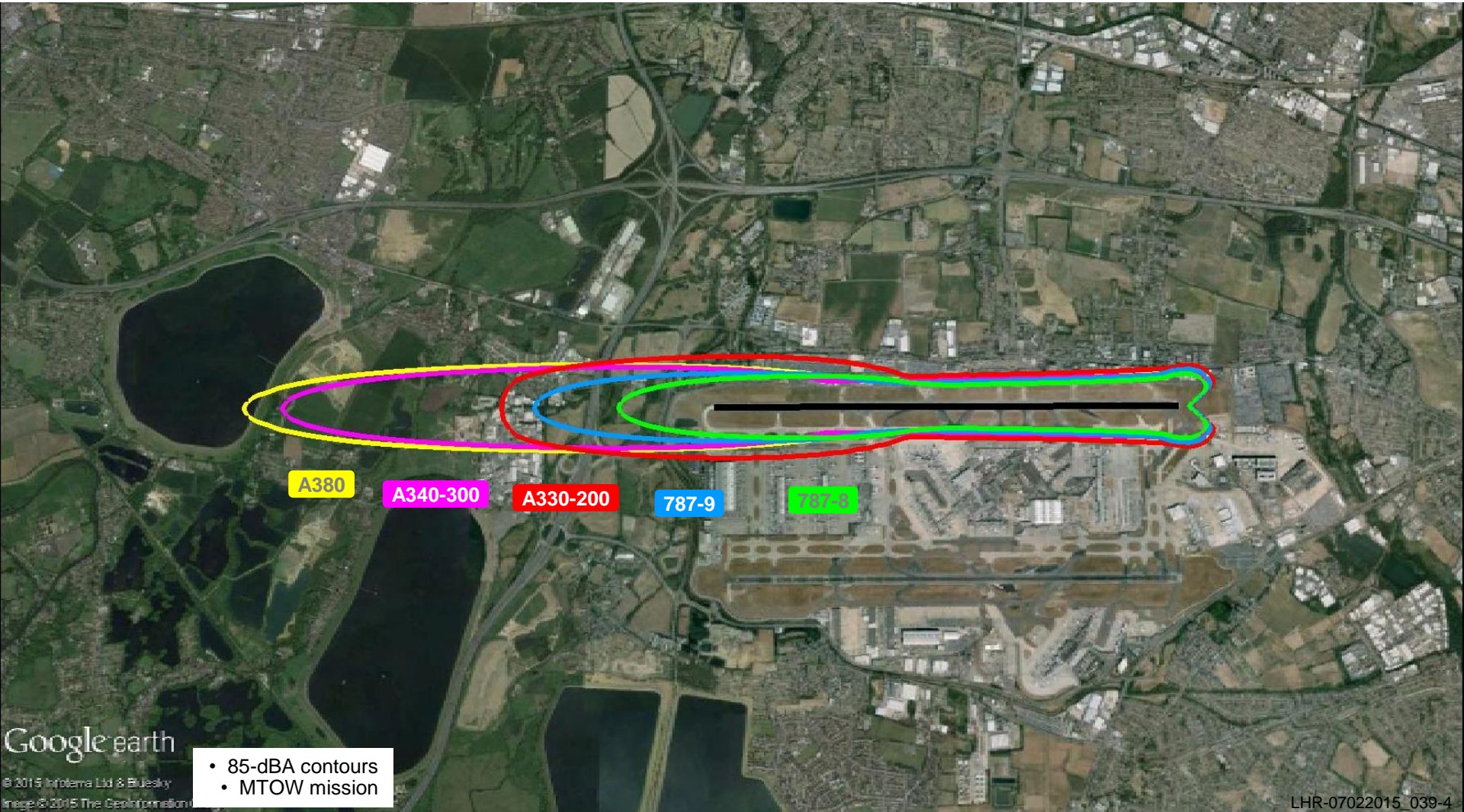
Track Record of Significant Progress



Noise footprint based on 85 dBa

Quieter for the community

Smarter choice for the environment



Operational Efficiency Implementations



First GLS CAT III Landing
ecoDemonstrator 787 Moses Lake, WA



Airspace Routing
Oslo, Norway



Precision Navigation
Capability China



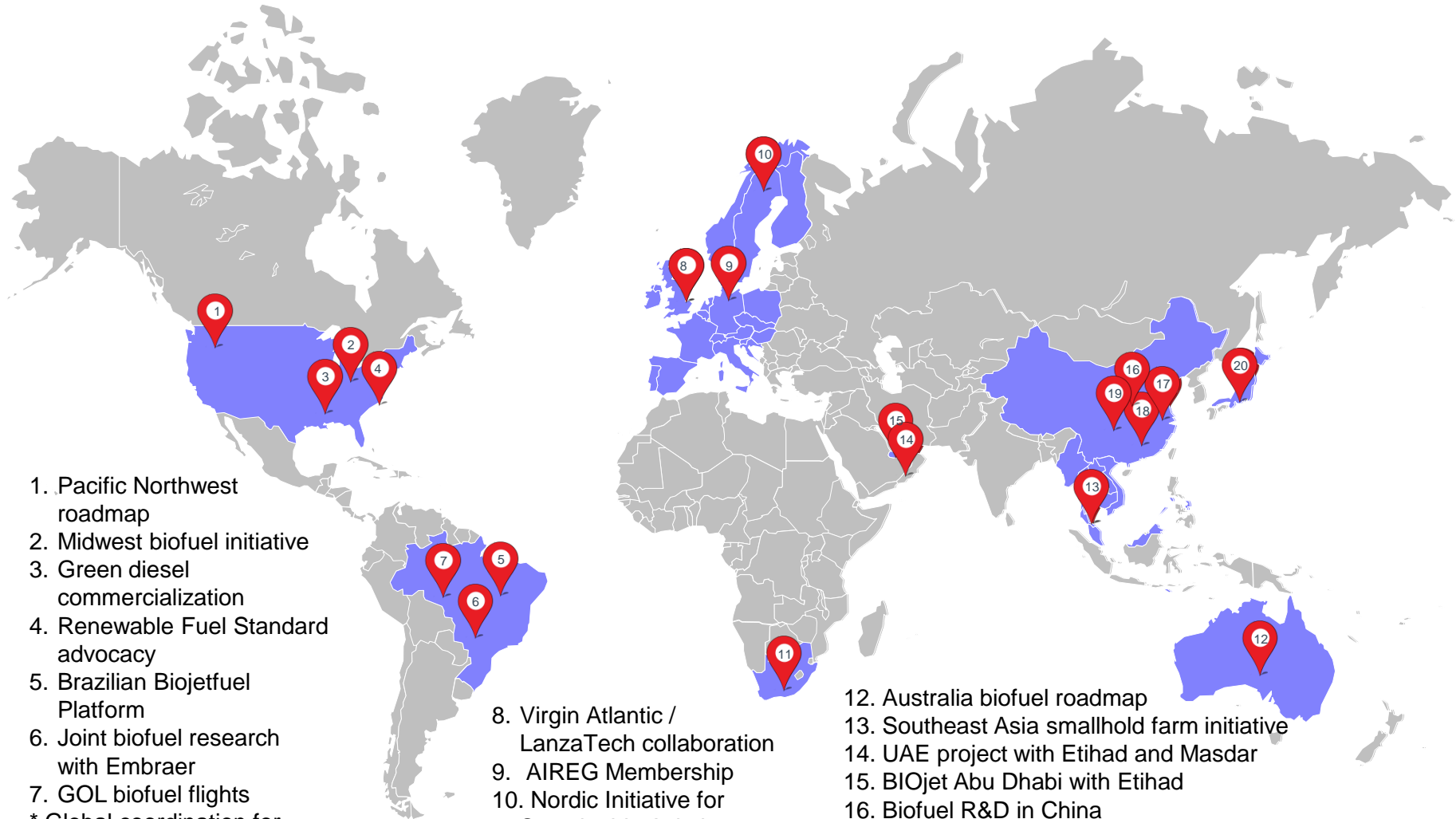
Airport Noise Assessment, Hong Kong

RNP Procedure Design, Malaysia

KLM En Route Efficiency Trial



Boeing global biofuel engagements



1. Pacific Northwest roadmap
 2. Midwest biofuel initiative
 3. Green diesel commercialization
 4. Renewable Fuel Standard advocacy
 5. Brazilian Biojetfuel Platform
 6. Joint biofuel research with Embraer
 7. GOL biofuel flights
- * Global coordination for Sustainable Aviation Fuel Users Group

8. Virgin Atlantic / LanzaTech collaboration
9. AIREG Membership
10. Nordic Initiative for Sustainable Aviation
11. South African Airways tobacco biofuel project

12. Australia biofuel roadmap
13. Southeast Asia smallhold farm initiative
14. UAE project with Etihad and Masdar
15. BIOjet Abu Dhabi with Etihad
16. Biofuel R&D in China
17. "Gutter oil" facility with COMAC
18. Hainan Airlines commercial flight
19. Agricultural waste project in China
20. Japan biofuel roadmap

ecoDemonstrator Program

Accelerate, Collaborate, Inspire

- **Accelerate technology**
 - Learn by doing
 - Speed implementation
 - 18 to 24 month rhythm
- **Collaborate** with government, suppliers and industry
- **Inspire** action and innovation



**Federal Aviation Administration
FAA CLEEN**



**NASA Environmentally Responsible
Aviation**