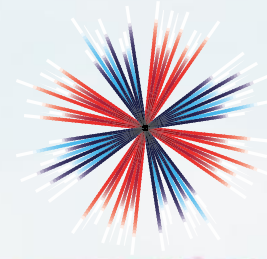




UK Research
and Innovation



INDUSTRIAL
STRATEGY

Future Flight Overview for DIAG

January 2021

Gary Cutts

Challenge Director – Future Flight

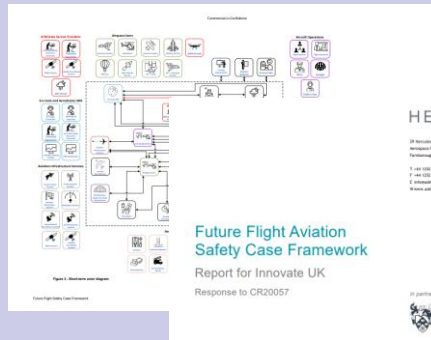
UK aviation stepping up



Technology Depth



Thought Leadership



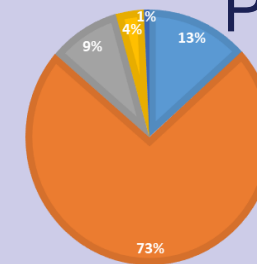
Future Flight | Realising Ambition



System Thinking

GRANT REQUESTED BY ORGANISATION TYPE

■ Large ■ SME ■ Universities ■ RTO ■ Public Sector



Partnerships



Socio-economics



Driving to full system demonstrations by 2023/24



UK Research and Innovation



Why? A reminder...

New markets

Catalyse UK investment
Passenger Services
Delivery, Maintenance and Surveillance
Regulation & Standards
Products

Societal Benefits

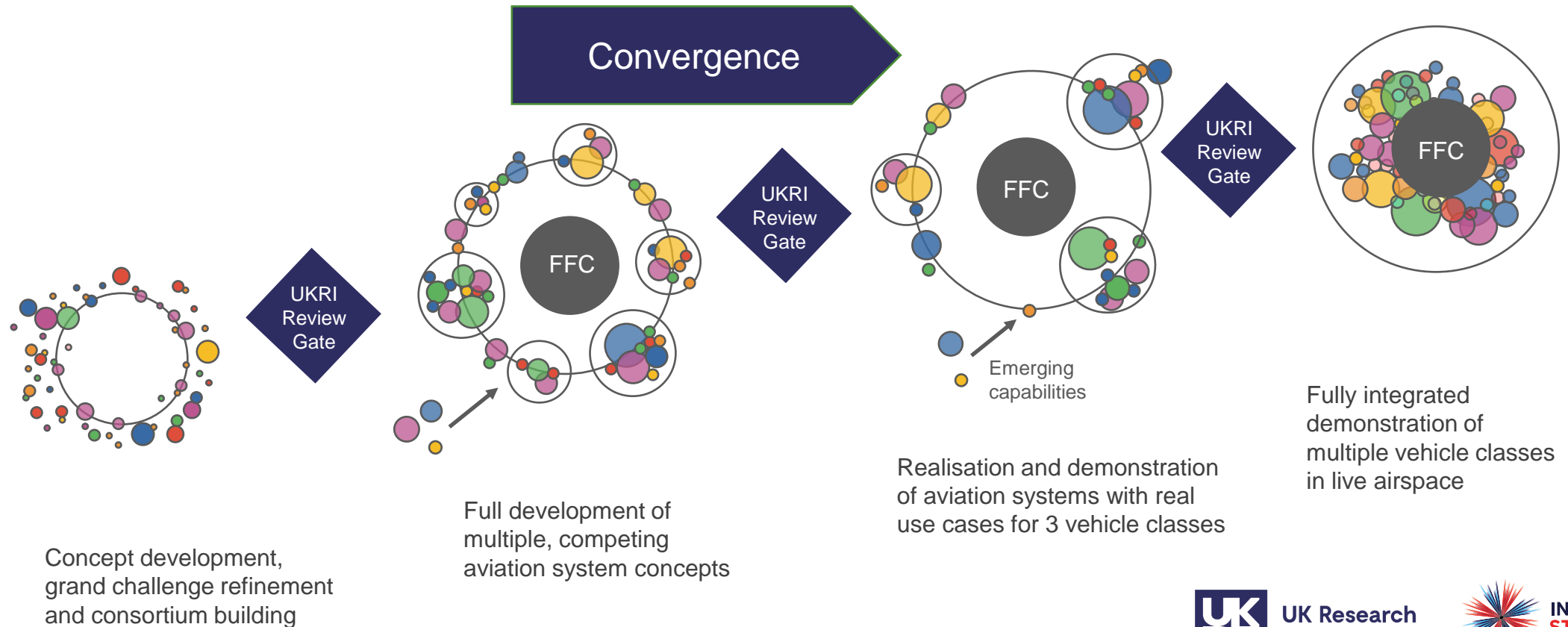
Sustainable flight
Better connectivity
Multi-modal transport
Distributed aviation systems
Improved services
Productivity

Wider Aviation Innovation Acceleration

Early zero carbon flight and systems demo
Supporting new entrants
Building new partnerships
Prototyping autonomy
Airspace modernisation



What next?



Some questions

- What is the right ambition for March 2024 for drones?
- How many projects of what scope?
- How do we build the consortia?
- What drone technology flows to larger vehicle segments?