

Future Integrated Aviation System of Systems

Air Vehicle Technologies / demonstration

Autonomous technologies

Beyond visual line-of-sight control

Vehicle communications

Detect and avoid systems

Control and Regulation

Traffic Management Systems

Autonomous control

Regulations

Flight in controlled airspace

Ground Infrastructure Systems

Airport / vertiport concepts

Charging concepts

Digital / comms systems

Multi-modal transport links

New Operating Models

Public acceptance

Market demand and requirements

New service concepts

Safety cases

Environmental, economic and social impacts

System simulation at scale