

New market opportunities from better connectivity

Consumer Vision 2030

How the future aviation environment will benefit consumers in 2030



Drones

Unpiloted, non passenger carrying vehicles varying in size from small to large



Delivery Convenience

Distribution and delivery services each reach for everyday goods and services



Supporting Services

Drones support emergency services and perform complex inspections / operations



Increased Acceptability

Drone operations are quiet, safe and acceptable as part of dayto-day life



Advanced Air Mobility

Electric vertical take off and landing vehicles that provide short journeys for up to 10 people



Regional Air Mobility

10+ person electric, hydrogen or hybrid aircraft providing short-medium range hops between fixed locations



Reduced Congestion

Efficient use of airspace resources reduces ground congestion (especially in urban areas)



Increased Consumer Choice

Allowing consumers to choose between cost and environmental efficiency



Improved Connectivity

regions form part of a highly distributed



Con Existing transport is integrate as part of OOO a seamless end-to-end transport



Reduced Journey Time

Average journey times significantly reduced



Journey Convenience

demand, reducing impact of travel and travel times



Improved Affordability

Operations are affordable and widely available for the general public



Increased Sustainability

Operations are electric or hydrogen based, minimising the environmental impact



Improved Accessibility

Improved access to services for those with reduced mobility



Benefits to the UK Economy

Predicted 1.8% increase in GDP and 628,000 jobs supported by



The markets include...



...faster medical deliveries and disaster relief



...last mile deliveries to your door



...remote maintenance reducing HSE risks



...integrated transport systems



...better connectivity 'town-pairs'

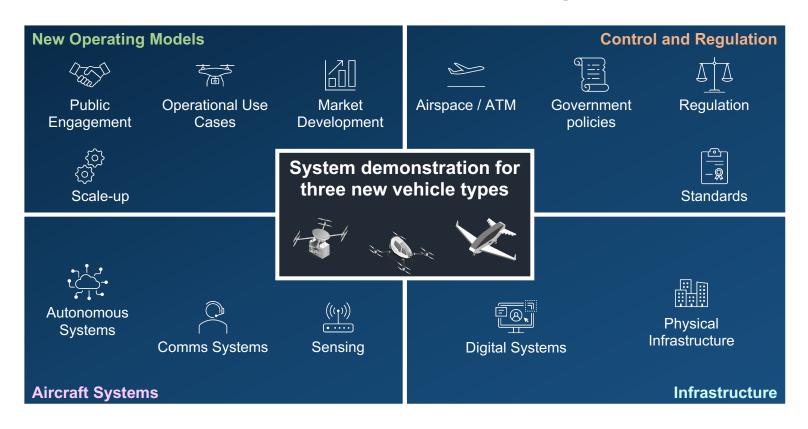


...green flight connecting remote rural locations



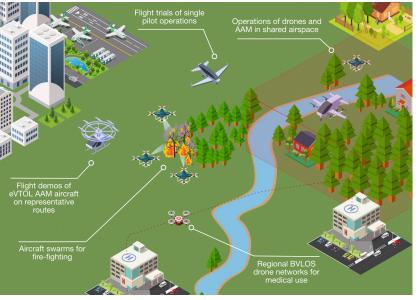
but they are evolving continuously

This represents a whole new ecosystem...



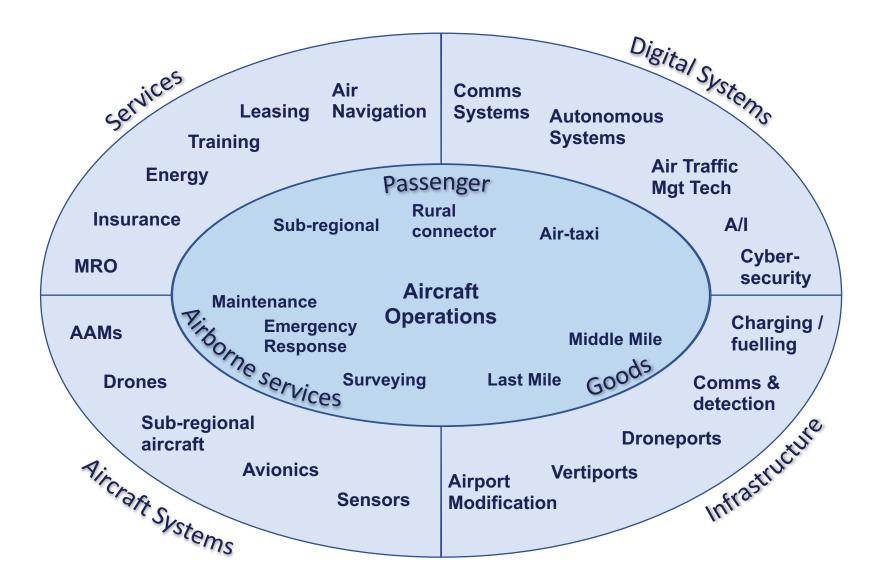




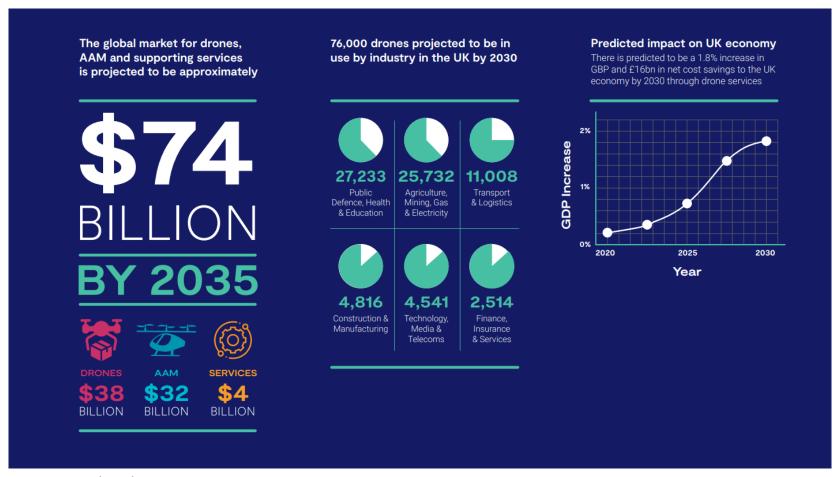


Market Opportunities by segment / business





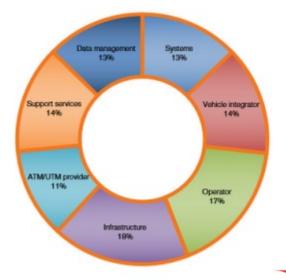
Market Opportunities by size



FFC Vision and Roadmap 2021



The AAM market can be expected to be large with a nominal forecast prediction of \$510bn by 2040



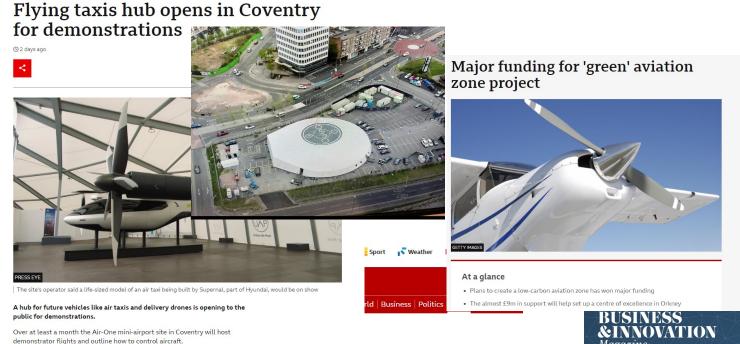
ADS AAM Outlook June 2021



Future Flight Projects and Companies showing the way



- 78 projects completed and underway culminating in ambitious 2024 showcase demonstrations
- 200+ unique organisations largely SMEs, tech companies and start-ups



Farnborough 2022

Atkins teams with Vertical Aerospace and Virgin Atlantic for Heathrow eVTOL test



By Dominic Perry | 18 July 2022

Project Heart pushes ahead with sub-regional plans as phase 3 funding kicks in FlightGlobal





UK set to have world's biggest automated drone superhighway

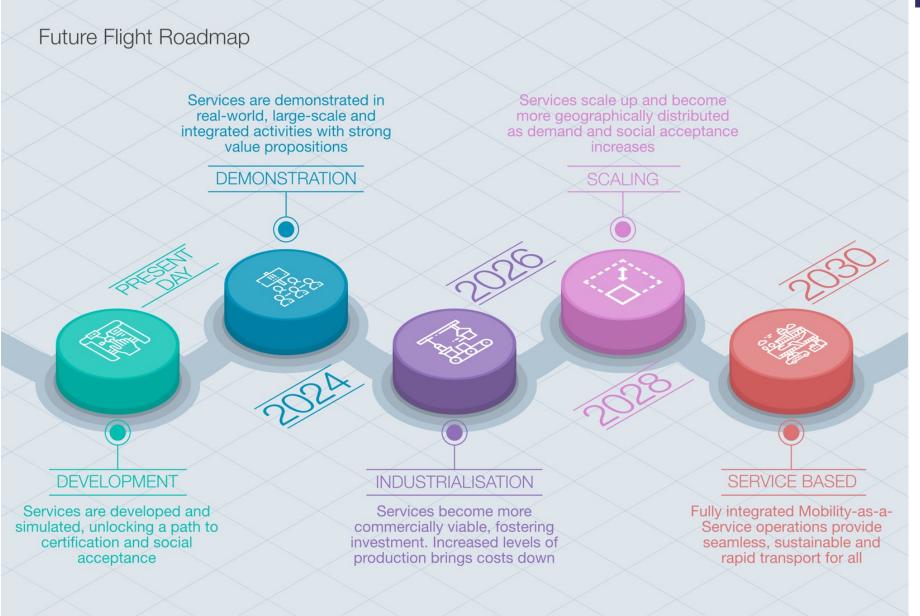






It's closer than you think...









Thank you

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