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GREEN AVIATION – A SKY-HIGH MISSION IN FP9
The need for maintained, focused and impactful R&T in Europe

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THE POWER OF **CONNECTED**

Honeywell is building a smarter, safer,
and more sustainable world

THAT'S THE POWER OF **CONNECTED**
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Connected Aircraft • Connected Automobile • Connected Home • Connected Building
Connected Plant • Connected Supply Chain • Connected Worker

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Involvement in European R&D Community



Member since 2007



Member since 2016



Member since 2008
(formerly ARTEMIS JU)



European funded projects since 2005



R&D projects since 2009

National funded projects since 2001

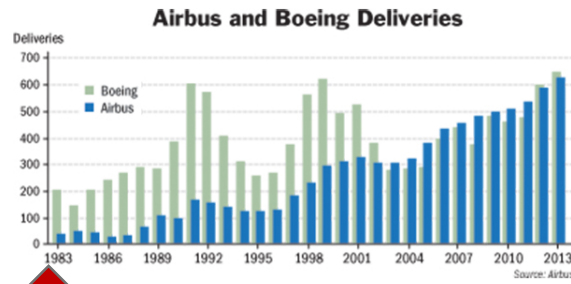


Not the right time to throttle back !

Aviation

Motor of regional economy (€140B, 500.000 jobs)
High R&D intensive business (+10%, 1/3rd public)
Still a growing market (3-5%)

EU approaches parity with the US
but new players in the race !!



↑
1st EU Framework Programme

1969
Europe
Airbus



1930
America
Boeing



2002
Brazil
Embraer



2017
China
COMAC



Not the right time to throttle back !

Aviation

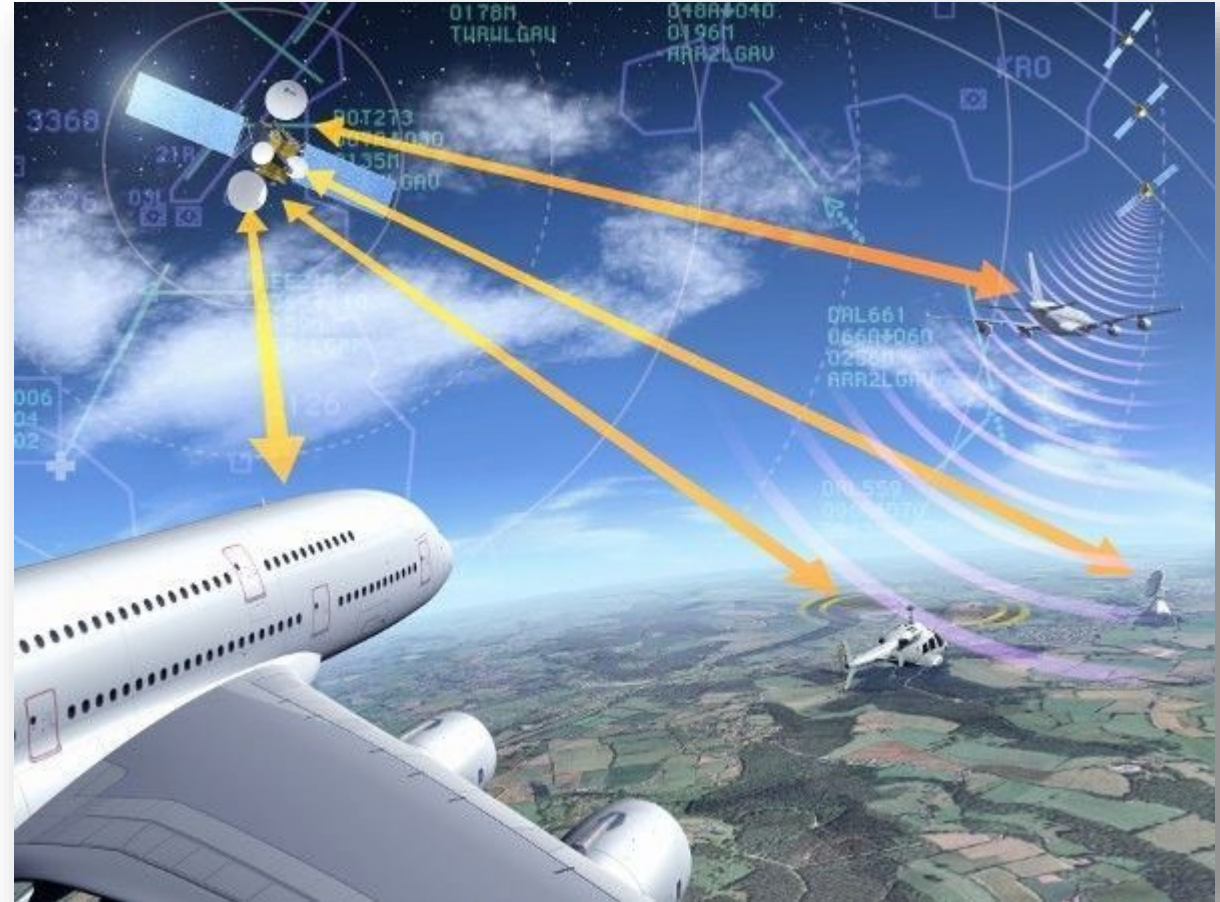


Uncompromised safety standards
Over 100 years of constant R&D
Not a single bolt is uncertified

EASA, EUROCAE, EUROCONTROL,
ESA, SESAR, Clean Sky, ACARE, ASD, ...

EU level PPPs, a necessary bridge and
accelerator between open research and
more commercially focused industry
research

Air transport is a very specific and
multinational engagement,
and so is the aircraft supply chain !!



Picture from ESA website

Not the right time to throttle back !

Aviation



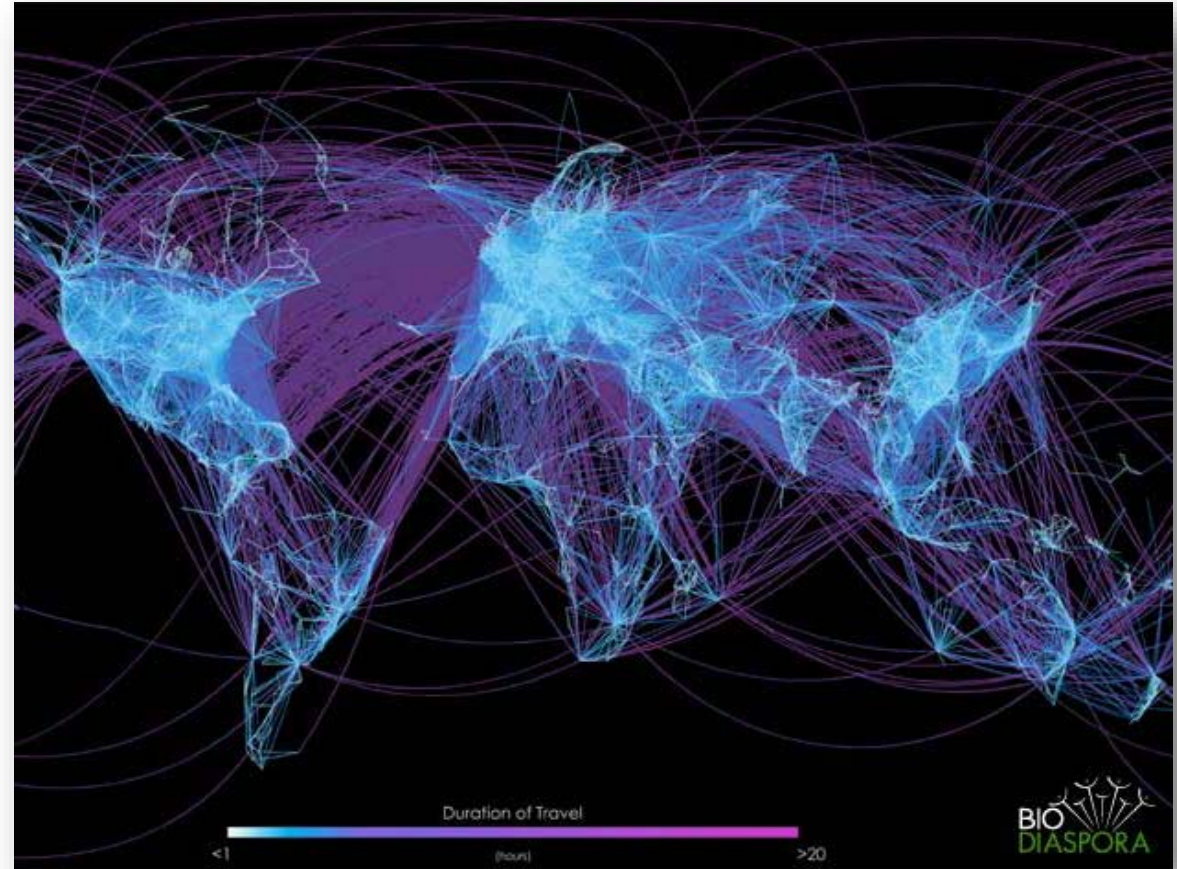
- 1904 – today : safety
- 1960 – today : comfort
- 1980 – today : security
- 1990 – today : cost
- 2000 – today : environment

New additional challenges :

- Autonomy & Automation
- Electrification & Digitisation
- Materials & Manufacturing
- Connectivity & Productivity

New airspace users (UAV, Unmanned AirTaxi,...)
Growing amount, complexity and diversity of air transport

...and bring this to the market much quicker !



In summary: FP9 needs to...

- Continue to **compete**
 - With aviation specific funding
- Continue to **facilitate**
 - With aviation specific European collaboration platforms
Clean Sky and SESAR
- Continue to **support**
 - With increased funding volumes that match the increased challenges
> €0.5B/yr (less = throttling back)



EU Commissioner for Transport Violeta **Bulc** added, "European aviation is facing a number of challenges and today's Strategy sets out a comprehensive and ambitious action-plan to keep the sector ahead of the curve. It will keep European companies competitive, through new investment and business opportunities, allowing them to grow in a sustainable manner. European citizens will also benefit from more choice, cheaper prices and the highest levels of safety and security."



FOR MORE INFORMATION
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