



3rd EU Aeronautical Conference

Closing Remarks

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A Challenging Political Climate

- **No room for complacency – many challenges lie ahead:**
 - **Financial crisis**
 - **Terror Threats**
 - **Migration crisis**
 - **Global repositioning of power**
 - **Climate change**
- This leads to **great uncertainty** for **Europe**, our **Economy** and our **People**.

TRANSPORT UNION

EFFICIENCY
CONNECTIVITY

DECARBONISATION



DIGITALISATION



PEOPLE



GLOBAL LEADERSHIP

INVESTMENT



INNOVATION





Investment

- **SESAR**
 - ATM Set-up phase: €700m 2007-2013 and €585m from current H2020
 - Deployment phase: co-funded from CEF → €1.4bn for ATM efficiency, safety and interoperability.
 - 2017: Further call to be launched worth €290m
- **Drones**
 - €44m from H2020 for demonstration projects
 - €10m from CED for validation projects in call to be launched in 2018
- **CleanSky Joint Undertaking**
 - €800m under FP7
 - €1.8bn under H2020 for greener technologies
- **New instruments such as blending are growing in importance**

Decarbonisation

EU level

- **Emissions Trading Scheme:** aviation emissions included since 2012 → "*cap and trade*" system.
- **EU research** supporting development of innovative technologies to reduce emissions. E.g. **SESAR** programme, **CleanSky2**

ICAO level

- Carbon Offsetting and Reduction Scheme for International Aviation (**CORSIA**): pilot phase to start in 2021 → **offsetting mechanism**
- **CO2 Standard:** encouraging the integration of more fuel-efficient technologies into aeroplane designs, from 2020 onwards

All contribute to EU target to reduce GHG emissions by 40% by 2030 and by 80% by 2050



Innovation

- **R&I essential in strengthening our aviation eco-system.**
- **Under current H2020 framework, over €3bn has been spent on aviation related research, in addition to the amounts under SESAR**
- **R&I will allow us overcome issues such as**
 - **Competition**
 - **Proper deployment of drones**
 - **Security and Safety**
 - **Carbon emissions**



Thank you for your attention



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