

# Towards sustainable aviation

## CONTRIBUTIONS OF R&I PROJECTS IMPLEMENTED BY CINEA

Research and innovation (R&I) is key for achieving the goals of the European Green Deal, including the decarbonisation of the aviation sector by 2050. The European Climate, Infrastructure and Environment Executive Agency (CINEA)'s implementation of EU-funded projects, notably under the Horizon 2020 and Horizon Europe programmes for collaborative R&I, makes an important contribution towards achieving the EU's strategic goals in aviation. Since 2014, these programmes have supported:



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<https://europa.eu/!b7K9Nk>



## TOPICS

-  **ALTERNATIVE ENERGY** (Sustainable aviation fuel, Hydrogen, Electrification)
-  **CLIMATE IMPACT AND EMISSIONS**
-  **AIR QUALITY AND NOISE REDUCTION**
-  **GREEN AND SUSTAINABLE AIRPORTS**
-  **DRONES AND URBAN AIR MOBILITY**
-  **CIRCULARITY AND ADVANCED DESIGN**
-  **SAFETY AND DIGITALISATION**

## SYNERGIES WITH OTHER EU FUNDING PROGRAMMES - FROM RESEARCH TO DEPLOYMENT

CINEA develops synergies between EU programmes to facilitate a successful deployment of green innovation in aviation:

- The **Connecting Europe Facility (CEF)** supports aviation-related infrastructure, notably in the areas of Electrification, Air Traffic Management and Alternative Fuels deployment. Since 2014, **89 aviation-related projects** received **€1.6 billion in total EU funding** from CEF.
- The **Innovation Fund**, financed by credits from the Emissions Trading System, supports all decarbonisation initiatives, in particular in the field of **non-CO<sub>2</sub> fuels for transport and electrification**.
- The LIFE programme supports projects covering **environmental aspects of transport, including nature-based solutions and circular economy**.

## DISCOVER OUR AVIATION PUBLICATIONS



**HORIZON 2020 COLLABORATIVE AVIATION RESEARCH**

**DRONES AND SUSTAINABLE URBAN AIR MOBILITY**

**TOWARDS QUIETER AVIATION**