

EASN15th

International Conference



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The **European Climate, Infrastructure and Environment Executive Agency (CINEA)**, officially established on 15 February 2021, has started its activities on 1 April 2021 in order to implement parts of certain **EU programmes**.

CINEA plays a key role in supporting the **EU Green Deal** through the efficient and effective implementation of its delegated programmes. The Agency fosters an efficient knowledge sharing and synergies between its different programmes, and supporting stakeholders in delivering the European Green Deal through high-quality programme management that helps to implement projects contributing to decarbonisation and sustainable growth.





CLEAN AVIATION

The **Clean Aviation Joint Undertaking** is the European Union's leading research and innovation programme for transforming aviation towards a sustainable and climate-neutral future. It is a European public-private partnership.

The Clean Aviation Joint Undertaking has the objectives to:

- **integrate and demonstrate disruptive aircraft technological innovations to decrease net emissions of greenhouse gases by no less than 30%** compared to 2020 state-of-the-art technology to support the European Green Deal and climate neutrality by 2050.
- **ensure that the technological and the potential industrial readiness of innovations can support the launch of disruptive new products and services for an entry-into-service by 2035**, enabling 75% of the world's civil aviation fleet to be replaced by 2050 in support of the European Green Deal.





SESAR is the **technological pillar of the EU's Single European Sky policy** and a key enabler of the **European Commission's Sustainable and Smart Mobility Strategy**.

The **SESAR 3 Joint Undertaking (SESAR 3 JU)** is a European institutional public-private partnership set up to accelerate through research and innovation the delivery of this digital transformation, in other words, the Digital European Sky. To do so, it is harnessing, developing and accelerating the take-up of the most cutting-edge technological solutions to manage conventional aircraft, drones, air taxis and vehicles flying at higher altitudes. With the Digital European Sky comes the promise of making Europe's airspace the most efficient and environmentally-friendly sky to fly in the world.





EREA (**European Research Establishments in Aeronautics**) is a non-profit organization, founded in 1994, and its members are Europe's most outstanding **research centres in the field of aeronautics and air transport**.

The European aviation industry has gone through an extensive process of integration. At the same time, the air transport sector has undergone integration into multinational mega-carriers, while regulation is now a European responsibility. Closer European cooperation is also being established in the area of security and defence. All of these developments have created the current environment for the EREA research organisations, which were originally founded to meet national requirements. The change of focus from national to European clients has driven further cooperation among European research establishments.





ASSOCIATION OF EUROPEAN
SPACE RESEARCH ESTABLISHMENTS

In a move that signals a new era of European space collaboration, the **Association of the European Space Research Establishments (ESRE)** was formally established in March 2016. Founded initially by five European member states, ESRE has grown significantly in the past two years, now encompassing leading research centres from eight countries: Poland (CBK), Italy (CIRA), Germany (DLR), Romania (INCAS), Spain (INTA), Netherlands (NLR), France (ONERA) and the Czech Republic (VZLU).

ESRE's mission is to **foster stronger cooperation and facilitate joint Research and Development (R&D) activities** among its members. By pooling their expertise and resources, these research centres aim to not only advance science and technology in the space domain, but also to bolster the competitiveness of the European space sector on the global stage.





The **Fraunhofer-Gesellschaft**, based in Germany, is a leading **applied research organization**. It plays a crucial role in the innovation process by prioritizing research in key future technologies and transferring its research findings to industry in order to strengthen Germany as a hub of industrial activity as well as for the benefit of society.

Since Fraunhofer was founded in 1949, its mission has been to **act as a supporter, guide and driving force for industry**. The proven Fraunhofer model provides the basis for this transformation process and is the reliable compass for successful, market-driven transfer.





The **Spanish Aerospace Technology Platform** (Plataforma Tecnológica Aeroespacial Española - PAE), in the new stage that opened in 2016, wants to be:

- A meeting forum on Spanish aerospace R&D&I: the more and better members, the stronger it will be. The meeting should result in collaboration in ideas, proposals and projects.
- A place to define a Strategic Agenda for Spanish Aerospace Research.
- A place for technology watch and foresight.
- A Spanish advisory body and presence in national and international aerospace R&D&I forums.





The **Spanish Association of Technological Defense, Security, Aeronautics, and Space Companies** (Asociación Española de Empresas Tecnológicas de Defensa, Seguridad, Aeronáutica y Espacio - TEDAE), was established on 2009, in Madrid. It brings together Spanish technological industries operating in these sectors. As a non-profit organization, TEDAE represents and promotes its members both nationally and internationally.

The association's mission includes advocating for the general interests of its members by supporting their commercial and industrial activities, facilitating interactions with national and supranational administrative bodies, and contributing to their development.



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