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Fraunhofer Institute for Manufacturing
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National Aerospace University Kharkiv
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Slot Consulting Ltd. – Slot



Association of Polish Aviation Industry
– APAI



Thelsys GmbH – Thelsys

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RADIAn¹ – towards more
collaborative research and
innovation in European
aeronautics and
air transport

Mission

The mission of the RADIAn project is to activate new and long-lasting Research, Development and Innovation cooperation in the field of pan-European Aeronautics and Air Transport.

Background

Since decades aviation and air transport is a fast growing sector in Europe's economy, associated with a wide range of economic and societal benefits.

RADIAn project bridges Southern, Eastern, and Western Europe and will elaborate tools to unleash the AAT research potential in the Associated Countries of the EU.

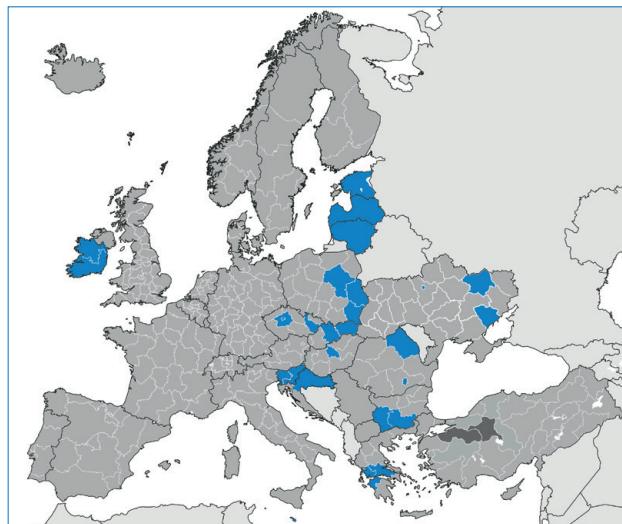
RADIAn aims at contributing to a more integrated European research environment, where:

- Researchers will cooperate in a fully integrated pan-European network irrespective of their location, size and financial possibilities.
- Commercial companies from potential niche areas from less active European regions will be involved more in AAT activities.
- Europe will be more competitive in emerging developments by opening new opportunities for further European commercial companies through activating new supply chains.
- The European AAT industry will integrate organizations from geographic Europe, thus providing an added value on the entire European scale.

What RADIAn offers European regions, companies and research organisations

An in-depth analysis within EU and Associated countries revealed about 25 regions, which show promising capabilities but perform less than very successful regions.

The RADIAn consortium will organize, on a dedicated regional level, networking events and thematic workshops open to all interested European stakeholders. The events will be focused on both the traditional AAT supply chains and emerging supply chains, such as the Unmanned Aircraft Systems' (UAS) market.



These regional activities will also address the European Smart Specialisation Strategies and their regional implementation by RIS3. Therefore RIS3 contact persons and representatives of regional governments shall be involved and participate in the regional activities.

Basing on knowledge gained therein the RADIAn consortium will develop guidelines for regions and organisations to support successful cooperation among the existing and emerging players of the European AAT landscape. The guidelines will enable European regions to overcome common gaps and barriers hindering the RDI cooperation.

The guidelines will be validated in pre-selected regions in close collaboration with the European Transport NCP Alliance (ETNA).

RADIAn will also develop an open web-based RADIAn collaboration platform, an easy-to-use tool for all stakeholder groups in the European aviation research community, to identify new business and research partners.

About the RADIAn project

European Union's Horizon 2020 Coordination & Support Action RADIAn was launched in October 2016. The 3-year project with a total budget of nearly € 2M involves 10 highly experienced partners from across Europe: Fraunhofer IFAM (the coordinator) and Thelsys GmbH from Germany, APRE and CIRA from Italy, Aerospace Valley from France, EASN-TIS from Belgium, Invent Baltics Ltd. from Estonia, Slot Consulting Ltd. from Hungary, and APAI from Poland.

RADIAn teams up with the AERO-UA project to support links between Ukraine and the EU. Ukraine is one of the few countries in the world possessing the entire value chain from R&D, manufacturing of components and aircrafts to operation and MRO.

¹ RADIAn – Facilitating Collaboration in ReseArch and Development to Foster Further Innovation in European AeroNautics



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