

Impact Partners

CAPPADOCIA will enhance the coherence of strategic research policy making, impact assessment and dissemination in the field of Aeronautics and Air Transport (AAT).

The project will focus on the Cost Efficiency domain and coordinate with the other three CSAs-funded by the addressed call to **widen the coherence to the whole field of AAT.**

To bring about these impacts, in the CAPPADOCIA multidimensional methodology, the relation with strategic publications (SRIA, FlightPath2050, etc.) is greatly considered. Moreover, to further ensure coherence, CAPPADOCIA is carried out **by partners representing industry, research establishments, and academics.**

Also, the timing of CAPPADOCIA is very adequate coinciding with the FP7 breaching into H2020. Thus it is expected that with the incorporation of the CAPPADOCIA related FP7 lessons learned, the impacts of a successful CAPPADOCIA project will consist on a more efficient and focused R&T effort in H2020, both from companies and the EU. CAPPADOCIA will then, through an effective and sustainable dissemination strategy, reach European R&T players and indirectly contribute to the H2020 future success.



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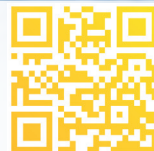
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Cappadocia project website
www.cappadocia-fp7.eu



Designed by EASN-TIS



Coordination Action Pro
"Production, Avionics, Design"
on Cost-efficiency in Aeronautics



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Objectives

CAPPADOCIA is a 4 years Coordination and Support Action (CSA) of the last FP7 call which focuses on research activities that address solely or mainly the SRIA goal of **cost efficiency** in Aeronautics and Air Transport. The foremost objectives of CAPPADOCIA are:

- a. To comply with the expectations of the European Commission and
- b. To contribute to a better coordination of research and innovation in the field of Aeronautics and Air Transport (AAT).

To achieve these objectives, CAPPADOCIA will:

- Assess past and ongoing EC (and non-EC) funded projects related with cost efficiency in AAT.
- Identify gaps in terms of needed Research.
- Identify bottlenecks towards innovation (e.g. funding and financial mechanisms, etc.)
- Identify impact with respect to societal and market needs.

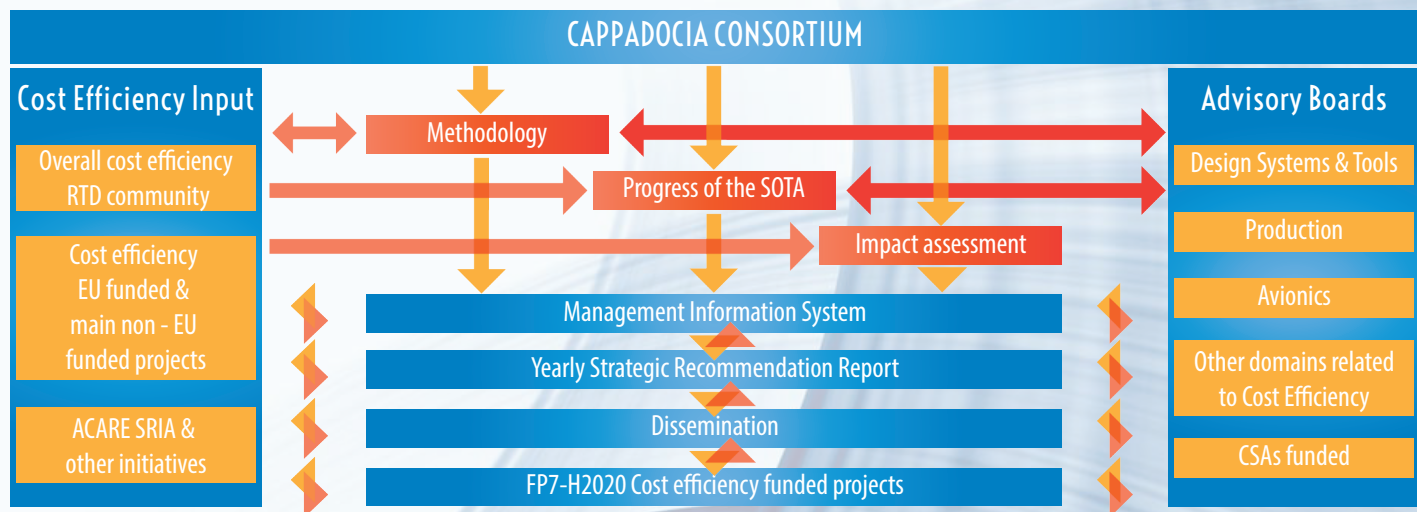


Strategy & Methodology

What are the most commonly used cost-reduction practices in aviation for design system and tools, production and avionics?

What are the main limitations (innovation, regulation, financing, etc.) to the implementation of solutions that have a significant impact on the achievements of cost-efficiency objectives set by research policy-makers?

Which actions should be launched or strengthened to overcome these obstacles and speed up the development, maturation and uptake of new solutions?



The CAPPADOCIA multidimensional methodological approach intends to **fully cover the domains that influence cost efficiency**, thus dealing with manufacturing, design, operations and services, including obviously avionics but not only. In this context, other related areas such as human factors, maintenance, repair and disposal will also be highly considered. The work is mainly organized around two *technical* work packages.

The first one aims at analyzing the state of the art in the research landscape (e.g. capacity, main performers); while the second one, at performing an impact assessment on relevant EU (and non-EU) funded projects towards the ACARE goals. Based on the produced results, **strategic recommendation reports for possible improvements to cost efficiency and competitiveness in AAT, will be formulated and disseminated effectively.**