



PARE

PERSPECTIVES FOR AERONAUTICAL RESEARCH IN EUROPE

PARE Perspectives for Aeronautical Research in Europe, is the name of a European initiative funded by the Horizon 2020 programme, aimed at triggering strong collaboration between various European stakeholders to support the achievement of the Flightpath 2050 goals. This activation will be achieved through the assessment of the rate of progress relative to these goals and respective provision of recommendations, particularly focusing on significant issues which include long-distance travelling, the participation of women in aerospace and educating and attracting young talents.

Along its 3 years of implementation, PARE will create a group of yearly reports on the perspectives for aeronautical research in Europe, covering the progress of the 23 Flightpath 2050 goals (and related issues), and making the recommendations appropriate to the conclusions reached.

PARE specific objectives are:

1. To increase the awareness about R&D in the aviation sector
By revealing its importance for the European economy.
2. To analyse and compare the relative rate of progress towards the 23 Flightpath 2050 Goals
By identifying the main barriers, gaps and challenges.
3. To prepare a roadmap for each of the 23 Flightpath 2050 Goals
Covering 3 periods: 2000- 2015 (historic factual basis); 2015-2025 (short-medium term predicted progress); 2025-2050 (likely remaining gap and possible scenarios to close it).
4. To launch a call on novel ideas to help close the remaining gap and define scenarios for 2025-2050
By conducting questionnaires and interviews with key stakeholders.
5. To develop and provide recommendations for future actions for EU aviation research
By supporting the achievement of the Flightpath 2050 goals, through coordinated initiatives, which include the assessment of the evolution of the aviation market and of future operational conditions.

PARTNERS

1. INSTITUTO SUPERIOR TECNICO –Portugal (PROJECT COORDINATOR)
2. 2 INOVAMAI - SERVICOS DE CONSULTADORIA EM INOVACAO TECNOLOGICA S.A. – Portugal
3. ZAPOROZHYE MACHINE-(BUILDING DESIGN BUREAU PROGRESS STATE ENTERPRISE NAMED AFTER ACADEMICIAN A.G. IVCHENKO) – Ukraine
4. AIRBUS DEFENCE AND SPACE SAS – France
5. UNIVERSIDAD POLITECNICA DE MADRID – Spain
6. VARTA MICRO INNOVATION GMBH – Austria
7. UNIVERSITATEA POLITEHNICA DIN BUCURESTI – Romania
8. NATIONAL AVIATION UNIVERSITY - - Ukraine
9. FerroNATS Air Traffic Services S.A. Spain
10. INNPULS SPOLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA – Poland
11. UNIVERSITA DEGLI STUDI DI SALERNO – Italy
12. Izmir Katip Celebi Universitesi – Turkey
13. Quasar Human Capital, Unipessoal Lda – Portugal
14. VILNIAUS GEDIMINO TECHNIKOS UNIVERSITETAS VIESOJI ISTAIGA – Lithuania
15. SATA Internacional - Portugal