



# X-NOISE (Aircraft Exterior Noise) Coordination Action

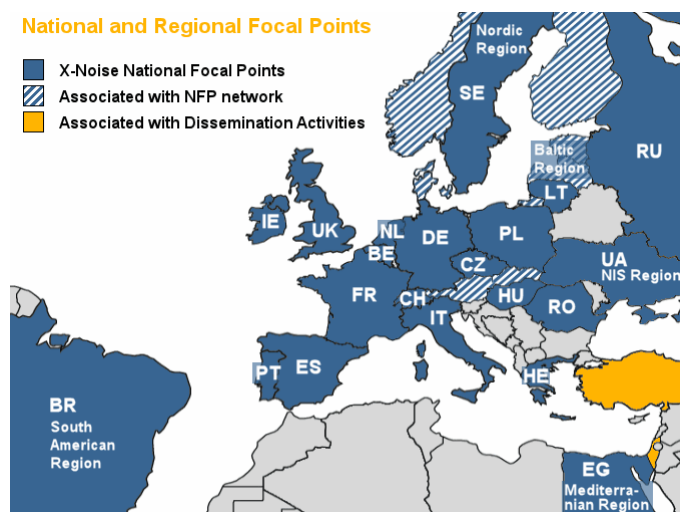


[www.xnoise.eu](http://www.xnoise.eu)

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The X-NOISE EV Coordination Action, through its network structure and comprehensive workplan involving experts groups, scientific workshops, international cooperation seminars and a common information system, addresses the noise challenges faced by Aviation.

As such it is significantly contributing to the objectives of reducing Aircraft Noise by 10 dB per operation as set by the ACARE 2020 Vision, while addressing key factors associated with Airport Noise issues.



Over the years, the project does involve 29 partners from 21 countries: FR, UK, ES, NL, BE, DE, SE, IT, PL, HE, HU, CZ, LT, IE, PT, RO, CH, UA, RU, EG, BR, combining the complementary skills and expertise of industry partners, SMEs, universities and research establishments to cover the whole field of interest.

Through a new phase of development, the X-NOISE EV project is aimed at pursuing the activities of the X-NOISE network, involved since 1998 in the area of Aircraft Noise Research.

The basic concept behind the project is set on 3 pillars involving each a dedicated set of coordination and networking activities: **Strategic Domain** – Definition and Assessment of Research Strategies, **Dissemination Domain** – Dissemination and Communication Activities and **Integration of Research Community** - Development of a Research Community Network

For the integration of Research Community a network of **National Focal Points** was established. It organises national workshops and active exchanges for all countries involved in the network, and regional workshops for South America, Mediterranean and the Balkans.

**Project partners:** Rolls-Royce plc. (UK), Anotec Consulting s.l. (ES), Stichting Nationaal Lucht- en Ruimtevaartlaboratorium (NL), The Manchester Metropolitan University (UK), Airbus Operations SAS (FR), Deutsches Zentrum für Luft- und Raumfahrt ev. (DE), Office Nat. D'études et de Recherches Aérospatiales (FR), To70 bv. (NL), GFIC sarl. (FR), University of Southampton (UK), Alenia Aeronautica s.p.a. (IT), Creo Dynamics a.b. (SE), Federal State Unitary Enterprise The Central Aerohydrodynamic Institute Named after Prof. N.E.Zhukovsky (RU), Free Field Technologies s.a. (BE), Instytut Lotnictwa (PL), COMOTI - Institutul National de Cercetare-Dezvoltare Turbomotoare (RO), Ecole Polytechnique Federale De Lausanne (CH), INASCO – Integrated Aerospace Sciences Corporation oe (GR), Budapesti Műszaki És Gazdaságtudományi Egyetem (HU), CVUT v Praze - Ceske Vysoke Uceni Technicke v Praze (CZ), Vilniaus Gedimino Technikos Universitetas (LT), The Provost Fellows & Scholars of the College of the Holy and Undivided Trinity of Queen Elizabeth near Dublin (IE), Instituto Superior Tecnico (PT), National Aviation University (UA), Ain Shams University, Faculty of Engineering (EG), Universidade Federal De Santa Catarina (BR), SAFRAN Engineering Services (FR).



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