

Webinar: Upgrade of the noise rotorcraft model NORAH - final dissemination event

Online event

Organised by: EASA

Date:

13 Mar 2024

13/03/2024, 15:00 - 17:00 CET (UTC +1)

Event Materials

Documents

[NOISE — Presentation](#)

Description

To support the full scope of noise monitoring activities required by the [European Environmental Noise Directive \(END\) 2002/49/EC](#) as well as the impact assessment of future aircraft noise policies, an adequate noise modelling capability that encompasses all types of aircraft is required.

The current international guidance on aircraft noise modelling is limited to fixed-wing aircraft and does not cover rotorcraft, drones and new urban air mobility aircraft. Defining a validated noise modelling methodology for these transport modes is therefore a high priority for the European Union.

The objective of this Horizon2020-funded project has been to develop and validate a full-fledged noise modelling capability for all rotorcraft, representative of today's and of future operations. This includes the underpinning modelling methodology, the corresponding modelling software and the experimental datasets required to address the intended coverage, thereby increasing the European modelling capability for a wide range of future aviation policy assessments. The upgraded tool can be used by Member States, EASA, the European Commission, the International Civil Aviation Organization (ICAO), research centres, and the academia.

The project has now successfully accomplished all tasks. In this webinar, EASA and

the NLR-led Consortium will:

- introduce the research scope and objectives,
- summarise the research activities and main results,
- inform about the expected benefits from the project, and
- give the possibility for questions and answers.

Please find the **Webinar Agenda** below.

For providing your questions already before the event, use this [SLIDO link](#).

- event code: **9872020**,
- passcode: **rk502h**.

The webinar will be recorded and made available at the EASA event website and the project page after the event.

Further information on this project, including the public deliverables, can be found on the project page:

[Environmental Research - Rotorcraft Noise](#).

Agenda

[Webinar Agenda](#)

Registration

To register, visit the [WebEx link](#).

[Webinar registration link](#)

Contact

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Related Content

Research Project

[Environmental Research - Rotorcraft Noise](#)

[Video — Upgrade of the rotorcraft noise model NORAH](#)
