

Key Action: Cooperation for innovation and the exchange of good practices  
Action Type: Knowledge Alliances for higher education

## Project Title

# Acoustics Knowledge Alliance

## Project Coordinator

**Organisation** UNIVERSITE DU MANS  
**Address** AVENUE OLIVIER MESSIAEN , 72085 LE MANS 9 , Pays de la Loire ,  
FR  
**Website** <http://www.univ-lemans.fr/>  
**Contact** Manuel MELON , [manuel.melon@univ-lemans.fr](mailto:manuel.melon@univ-lemans.fr)

## Project Information

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ACOUSTICS GMBH (DE) , JAZZY INNOVATIONS SPOLKA Z  
ORGANICZONA ODPOWIEDZIALNOSCIA (PL) ,  
RHEINISCH-WESTFAELISCHE TECHNISCHE HOCHSCHULE AACHEN  
(DE) , KATHOLIEKE UNIVERSITEIT LEUVEN (BE) , SVEUCILISTE U  
ZAGREBU (HR)

## Project Summary

Noise and its negative psycho-acoustic effects has become a societal issue in all European countries, with real costs incurred for the states. However, acoustics is a multi-disciplinary field and professionals/students are often lacking skills in some of its sub-disciplines, leading to an overall lack in effective specialists. This project aims at developing innovative, shared and open academic courseware covering all acoustic sub-disciplines, jointly in an alliance of European HEIs and companies specialised in acoustics. The courseware will enable students and professionals alike to improve their skills in the various fields of acoustics, be it during their studies, before their first job or in the context of vocational education. These courses will stand out from already-published books and online content and propose a more advanced and effective experience than current MOOCs, which do not allow interactive content. The idea is also to enhance expertise on acoustic issues in accordance with specific labour market needs. Improving the acoustic skills of (future) entrepreneurs will enable them to become leading experts both locally and in international markets. The main purpose of the courseware is to innovatively bridge theory and practice through digitalization, both in the context of current educational programmes and to increase the awareness of professionals about the role that acoustic comfort plays in European citizens' everyday life. The vision of this English-language acoustic courseware is to design and combine lessons and practical cases within an innovative online experience, stimulating the development of knowledge and allowing solving of issues connected with acoustics in a broader perspective. Target groups of this alliance will be professionals and students of various specialisations (acousticians, architecture, civil engineering, EHS specialisation, mechanical engineering, electrical engineering, process and environmental engineering).

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