

# STRATEGIC PARTNERSHIP IN THE FIELD OF ACOUSTICS

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## ABSTRACT

The aim of the Strategic Partnership is to connect entities from various sectors and disciplines to create business and scientific partnership oriented to the development and promotion of education, training, and research in a field of acoustics. Results of partnership work are a creative space for teaching and e-learning acoustics (ACOUCOU). The construction of trainings let engineers not only work independently and bring their skills in acoustics to perfection, but also it delivers a modern tool for constant professional improvement of teachers, trainers and educational mentors at a workplace. The large project partnership with many institutional presences has a significant impact at the European level, accelerating effective cooperation and improvement in the fields of acoustics.

## OBJECTIVE

The Acoucou Platform is a part of a large, thought-out strategy aimed at expanding and strengthening acoustic knowledge, supporting the development of innovative teaching methods based on attractive and effective delivery of content, services, teaching methodologies and practices at national and international levels. The form of materials and courses published on the Acoustic Courseware Platform are suitable to be used for self-learning as well as in blended learning, where an educator uses materials from platform to carry out training among specialists/students.

## METHOD

Technical, professional knowledge is usually presented as text with formulas and technical drawings. Presenting it in a new, visually attractive form is surely more interesting and draw the attention of engineers. The visualization of phenomena let understand discussed issues better as well as makes it easy to convert acquired knowledge into particular situations and problems present in an engineer's work.



**ACOUCOU**  
Acoustic Courseware



**ace** | Acoustic Course  
for Engineers

- interactive web-based course (with gamefication elements)
- two complementary modules providing knowledge and skills
- high-quality educational material
- simulator based on real machines and measurements

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**MULTIBOOK**  
of Architectural Acoustics

- multibook = Book + Multimedia application for iOS and Android
- case studies
- acoustics-architecture "Tools Palette"

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gfai tech GmbH - **Germany**



**aci** | Acoustic Course  
for Industry

- attractive content in form of infographics
- Virtual Reality case studies
- 360° video case studies

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## CONCLUSIONS

The partnership consists of universities, companies and associated partners from the world of industry. It is a guarantee that the materials presented during the courses will not be a group of theoretical issues, but the answer to real needs and lacks of knowledge as well as acoustic skills among engineers. How to effectively increase the understanding of specialist knowledge among engineers plus provide them with practical training? ACOUCOU utilizes the fact that human brain process visuals 60,000 faster than words and that the most effective learning is learning through practice. The language of visualization is universal and comprehensible. Easy to share even with the multilingual team.

HTTP:// [acoucou.org](http://acoucou.org)



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