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Creative Europe Programme
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AURA – Auralisation of acoustic heritage sites using Augmented and Virtual Reality



Do you hear what I hear?

With the project AURA, we will explore the potentials of auralisation – a technique creating virtual soundscapes in 3D models to artificially making acoustic situations audible.



Three use cases – „Auralisation and Artistic Performance“, „Auralisation and Audience Experience“ and „Auralisation and New Knowledge for the Culture Industry“ – will explore auralisation experiences with 3D-models of the music venues that mirror the sound of the real music venue in a virtual environment and discover how architecture influences sound.

The project partners produce a variety of deliverables:

- Auralised 3D models of three music venues, a technical description of the 3D modelling of the three venues and a documentation of the approach, analytical results and recommendations
- Three video tutorials – for music experts, for technicians and architects, for the general public
- Supporting tools for business opportunities related to auralisation, marketing strategies and approach
- White Paper on auralisation

AURA will reach out to the European music community with its results, providing a model for cross-sectoral collaboration to foster creativity, to promote European heritage in new ways and to demonstrate European excellence in the world of music.

Implemented in:
Germany, Italy, Ukraine

Duration:
2021-2022

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Project website:
<http://aura-project.eu>

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