

# **LISTEN Heavy Demonstrator to illustrate the potential and feasibility of urban soundscape simulation and auralization**

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## **Abstract**

Our VISION is that future urban planning as well as architecture in general will be both visual and acoustic. In LISTEN project a demonstrator based on acoustic simulation and auralisation is to be developed, prototyping a planning tool for urban soundscapes. By this tool architectural, noise control and sound design solutions for improving urban soundscapes can be auralized at the planning stage.

Peter Lundén and Peter Becker from Interactive Institute, one of the partners in LISTEN project, will present the background and the simulation/auralisation technology for LISTEN Heavy Demonstrator project approved in the first Visualisation call by KK-stiftelsen, Stiftelsen för strategisk forskning, Vinnova, Vårdalstiftelsen and Invest in Sweden Agency.

## **Link**

Link to the program, including a video for LISTEN project:  
<http://kks.se/templates/ProgramPage.aspx?id=9792>