AI for Transport and Environmental Noise
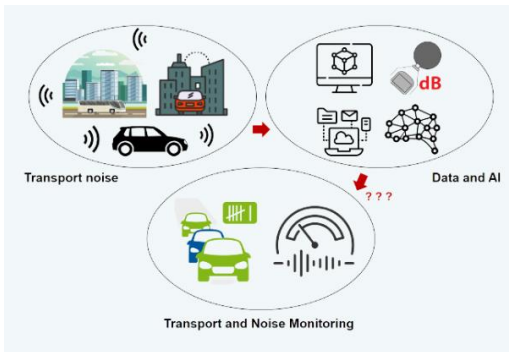
Collaborating with Aarhus University on this exciting research project

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Danish Sound Cluster has just announced that it is funding a research project at Aarhus University in Denmark with the support of industry partners including DMdB.

The project, entitled "Artificial Intelligence for Transport and Environmental Noise" and codenamed AI4TEN, investigates whether Artificial Intelligence (AI) can help with automatic and improved traffic and environmental noise monitoring. AI4TEN seeks to answer this question by testing and developing new, state-of-the-art AI models to accurately monitor road transport and its induced noise. It aims to use deep learning techniques, online and outdoor experimental data, based on selected use cases, to test and develop new models to monitor transport and its noise. If successful, new AI models will open doors for enhanced transport and environmental noise monitoring.

The project, running from May to November/December this year, is led by Assistant Professor Jibran Khan of the Department of Environmental Science at Aarhus University in Roskilde, Denmark, and is supported by industry partners NIRAS A/S and DMdB. As Douglas Manvell, CEO of DMdB, states "*I am very excited to be a part of this cutting edge research project and look forward to its results and conclusions.*"

For more information about the project, contact the Project Principal Investigator, Jibran Khan from Aarhus University on jibran@envs.au.dk. For information about Aarhus University's Department of Environmental Science, see their website. For more information about environmental noise, or the services DMdB can provide, contact DMdB:

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