

MetaSolutions

Noise Reduction by Vibroacoustic Metamaterials

The Project

MetaSolutions wants to protect people and nature from harmful noise by using vibroacoustic metamaterials that use a new physical effect and surpass the limits of conventional measures for noise reduction.

The Team

Location: LBF, Darmstadt

Members: [Heiko Atzrodt \(CEO\)](#), Sebastian Rieß (COO), Moritz Hülsebrock (CTO)

AHEAD Infos Batch: 12

Phase: 1

Track: Spinn-off

The Business Model

Unique Selling Proposition: Noise reduction by factor 10 compared to current solutions on the market

Unfair Advantage: Patents and cooperation with ASFINAG; Own Software Tool for the design and development of vibroacoustic metamaterials

Revenue Model: Production, engineering and consulting

Venture Readiness Level



Technology Readiness Level



The Side Facts

Customer Focus: B2B

Searching For: Customers, co-founder, investors, mentors, expert interview partners

Industry Tags: Construction & materials, materials, automobiles & parts,

Technology Tags: New materials