

**operation name: Elektromagnetische Verträglichkeits-,
Funk- und Kanalmessungen in der
Virtuellen Straße (ELVIS)**

operation summary:

The research unit „Electromagnetic compatibility, radio and channel measurements in the virtual road – simulation and test area“ (*ELVIS*) at the Thuringian Centre of Innovation in Mobility addresses cooperative wireless car-to-car and car-to-infrastructure communications (C2X) and appropriate design, testing and verification methods.

Because C2X applications depend strongly on functionality, availability, and low latency, reliability and interference aspects present essential challenges for relevant and timely basic research with practical orientation.

With *ELVIS*, important issues of electromagnetic compatibility, antenna development and measurement, design and implementation of specific test methods, and concept developments for realistic modelling of the radio channel under laboratory conditions are addressed.

total eligible expenditure (ESF): 714.000,00 EUR

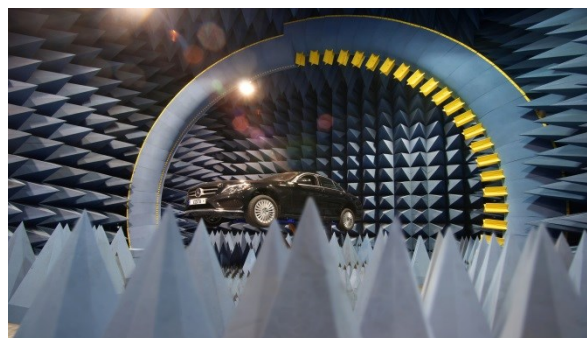
operation start and end date: 01.03.2016 – 28.02.2019

beneficiary name: Technische Universität Ilmenau

contact:

Technische Universität Ilmenau
Mr. Prof. Matthias Hein
Ehrenbergstraße 29
98693 Ilmenau
phone: 03677 692832
email: matthias.hein@tu-ilmenau.de

picture:



Quelle: ThIMo