

# Technische Hochschule Mittelhessen

*Civil Engineering  
department*  
**GERMANY**

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# University of Cantabria

*Transport department*

GITECO Research Group

**SPAIN**

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# Technische Hochschule Mittelhessen

## Installation design and structure analysis

- 3D-Simulation tool for the control of road designs
- Safety-relevant aspects of road planning
- Next-Generation Hybrid Broadcast Broadband (FP7)
- Development of administrative models for the integration of photovoltaic installations in Urban Areas
- Integration of CHP in Urban Areas for charging purpose



# University of Cantabria

## Pavement design and analysis and traffic control

- Innovative tools for pavement restoration (REHABCAR)
- Geothermal energy caption with new filling materials
- Energy optimization of bituminous mixtures
- Sustainable structure construction

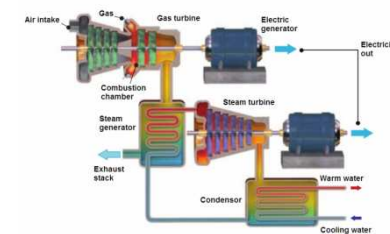
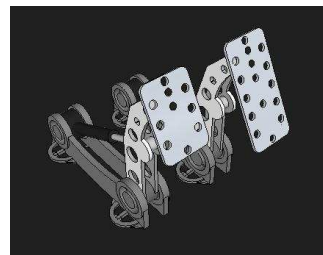
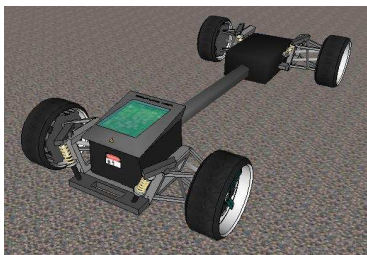


# Project idea

GC.SST.2013-1. Feasibility analysis and technological development of on-road charging for long term electric vehicle range extension

*Improvement of the autonomy of electric vehicles and integration of on-road charging systems (FEV-i)*

- Analysis of driver behaviour and driving parameters
- Development of on-board energy storage and saving systems
- Analysis and development of on-road charging systems
- Green energy production for charging process
- Security and crypto measures



- Technische Hochschule Mittelhessen (Germany)
- University of Cantabria (Spain)
- University of Coventry (UK)
- University of Eindhoven (Netherland)
- STEINBEIS (Germany)
- CLEANCARB (Luxemburg)
- ICCS (Greece)
- PARAGON (Greece)



Looking for **SMEs** or **Companies**:

- Car Maker
- Energy generation and supply
- Inductive systems and technology

# Also interested on...

- SST.2013.5-3. Innovative, cost-effective construction and maintenance for safer, greener and climate resilient roads
- GC.SST.2013-1. Feasibility analysis and technological development of on-road charging for long term electric vehicle range extension
- TPT.2013-1. Technology transfer in the area of Transport

Do not hesitate contact me:

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**Thank you!**