

PROJECT

MAXITHERM

Innovative textile based heating system for technical applications with a special focus on Electric Vehicles

Funding: European (Horizon 2020)

Duration: May 2015 - Aug 2015

Status: Complete

Total project cost: €71,429

EU contribution: €50,000



Call for proposal: H2020-SMEINST-1-2014

[CORDIS RCN : 196427](#)

Objectives:

The objective of MAXITHERM is to contribute to the expansion of Electric mobility by extending Electric Vehicles' autonomy. We propose a heating system for EV that reduces electricity demand of heating systems by 30% while maintaining passenger comfort. MAXITHERM is a heating system based on a technical textile composed by a blend of electrically conductive and non-electrically conductive fibres that is integrated within the structure of the vehicles. It provides direct and fast heat to passengers and is 32% more cost efficient than current solutions.

Parent Programmes:

[H2020-EU.3.4. - Horizon 2020: Smart, Green and Integrated Transport](#)

Institute type: Public institution

Institute name: European Commission

Funding type: Public (EU)

Lead Organisation:

Maxitex Gmbh

Address:

DR ALBERT HOFFA STRASSE 12B

63834 SULZBACH

Germany

EU Contribution: €50,000

Technologies:

Electric vehicle batteries (and energy management)

Vehicle energy management systems

Development phase: Research/Invention

Transport

STRIA Roadmaps: electrification

Transport mode: Road transport

Transport sectors: Passenger transport

Transport policies: Decarbonisation

Geo-spatial type: Other