PROJECT

MEMS

MEM’S: My Easy Moving System

Funding: European (Horizon 2020)

Duration: Feb 2017 - Jul 2017

Status: Complete

Total project cost: €71,429

EU contribution: €50,000

CORDIS RCN : 207961

Objectives:

In Europe more than 600,000 people are disabled in their natural mobility but are able and need to drive since they are of employment age: we want to bring to them an innovative independent mobility solution that overcomes the limitations of the devices currently available.

By using robotics-based technology, our solution will allow the disabled person to use his electric wheelchair as a driver's seat in his car, without any intervention or assistance required of third parties while getting into and out of the car, in this way fully achieving his freedom of movement. Our innovation provides the disabled with total independence, greater comfort and saving two-thirds of the equivalent average expenditure incurred today.

Our solution has been designed as original equipment to be installed by carmakers, just as it can be installed in a car one already owns: it is the first sustainable standardisation solution for disabled people in the automotive sector.

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:

O.l.c.i. Engineering Srl

Address:
CORSO DUCA DEGLI ABRUZZI 2
10128 TORINO
Italy

EU Contribution: €50,000

Technologies:

Electric road vehicles
Vehicle concept for individuals with reduced mobility

Development phase: Implementation

STRIA Roadmaps: Vehicle design and manufacturing

Transport mode: Road transport

Transport sectors: Passenger transport

Transport policies: Societal/Economic issues

Geo-spatial type: Other