

PROJECT

LIFE-BATTERY

Long lifespan battery for hybrid vehicles

Funding: European (Horizon 2020)

Duration: Sep 2015 - Dec 2015

Status: Complete

Total project cost: €71,429

EU contribution: €50,000



Call for proposal: H2020-SMEINST-1-2015

[CORDIS RCN : 198915](#)

Objectives:

Batteries are the key element of hybrid vehicles (HEV) and they are responsible for the technical and economic performance of HEVs, the main problem and therefore also the greatest technological challenge.

We have already developed LIFE-BATTERY, a new prototype of NiM-H battery able to carry out 2,000 charge/discharge cycles representing an increase of four times in the battery lifespan. As a consequence, the cost per kilometer is six times cheaper compared to current batteries.

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:

Bluelife Battery, S.I.

Address:

C/ de la Resina 67i
28021 Madrid
Spain

EU Contribution: €50,000

Technologies:

Electric vehicle batteries (and energy management)
Battery module for HEVs

Development phase: Demonstration/prototyping/Pilot Production

Transport

STRIA Roadmaps: electrification

Transport mode: Road transport

Transport sectors: Passenger transport, Freight transport

Transport policies: Decarbonisation, Environmental/Emissions aspects, Societal/Economic issues

Geo-spatial type: Other

