Project Introduction

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EASYBAT

EU Call:
Transport (including Aeronautics) Call: FP7-SST-2010-RTD-1

Duration:
• 30 Months (2011-2013)

Total Project Funding:
• 2,240,000 Euro

Partners:

[List of logos and names]
EASYBAT project main objectives

- Develop models for an easy & safe integration of battery packs in electric vehicles.
- Develop Generic Interface Concepts to enable interoperability and interchangeability between the battery and the vehicle on-board systems.
- Suggest new standards to build a consistent requirements framework for the battery pack generic interfaces.
- Assessment of EASYBAT’s solution in terms of:
  - Cost, Logistics and Environmental impacts

EASYBAT Solution

Standard Interfaces:
- Mechanical
- High voltage power
- Thermal
- Low voltage and data
EASYBAT WP2: environmental LCA

Development of a cost model, in order to evaluate the cost implications of the EASYBAT solution. The cost model will be built of the following elements:

- Battery Life Cycle and degradation cost
- Logistics cost
- Energy cost
- Vehicle cost
- Externalities, Environmental Benefit and Batteries Life Cycle Assessment (LCA)
Thank You