



FLAMINGO

Fabrication of Lightweight Aluminium Metal matrix composites and validation In Green vehicles

Deliverable D 8.1
Interim report on LCA and LCC

Lead Beneficiary FACT

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1. Publishable Executive Summary

This report provides information on the benchmarking of electric vehicles and their environmental impact. It is based on a literature review and data from a model car developed by one of the partners. This as a first approximation to establish a basis of comparison for the current project under development, FLAMINGo and the baseline that would be a vehicle currently in production and iterations based on this. The report presents some of the evolution of electric vehicles and how they have become a more environmentally friendly option in certain aspects. It also includes the reasons why the industry has placed so much importance on the use of aluminum in cars and how they have innovated over time. It includes information on what LCA/LCA is and its importance in this project. It also contains a summary of the data collection work done with the partners, the analysis of the impacts generated by the use of raw material and the next activities to be developed.

