

## PRELIMINARY RESULTS OF THE PROJECT REGARDING THE DEVELOPMENT OF AN ECOLOGICAL EXPERIMENTAL VEHICLE WITH HYBRID PROPULSION - DACIA ECO HYBRID

### Authors

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### Abstract

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This paper presents the most important results obtained so far within the research performed in the Automotive Engineering Research Centre of the University of Pitesti regarding the construction of an Dacia plug-in hybrid electric vehicle prototype. In the first part of the paper, the strategy of the EcoLOGIC project and aspects regarding vehicle's assembly specific elements conception is presented. In the second part are presented the activities performed in parallel for development of the experimental base and research device realization. Finally, the conclusions and direction of further research are presented.

### Keywords

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passenger car, Plug-in Hybrid Electric Vehicle, Liquefied Petroleum Gas, Compressed Natural Gas for Vehicle