

INTRODUCING... BEHICLE!



IT IS FINALLY HERE!

BEHICLE: The lightweight, affordable, safe, ergonomic and energy efficient EVs for the global customer.

The international development team proudly presents the most attractive urban electric vehicle ever developed, a new integrated urban EV approach combining power requirements and balanced energetic performance for urban environments with top-notch Euro NCAP safety rating.

The gap between heavy quadricycles and superminis is now filled with the most visually appealing, stylish concept. The multimaterial chassis incorporates composite panels and metals assembled with innovative joining techniques. **A fun-to-drive vehicle thanks to performing rear in-wheel e-motors, securing the feel of a unique driving experience.**

THE BEST-IN-CLASS URBAN ELECTRIC VEHICLE



Impact tests were performed for the final tuning of the front and side system according to the Euro NCAP procedures in force in 2013: Frontal ODB, Lateral MDB and Pole.

State of the art passive restraint systems to be integrated in the BEHICLE crash tests were defined based on these sled tests results.

Side Euro NCAP 2013 Pole:

Target: 13.5 points (out of 16 points)

BEHICLE Euro NCAP test results: 15.5 points

Side Euro NCAP 2013 MDB:

Target: 13.5 points (out of 16 points)

BEHICLE sled test results: 16 points

Frontal Euro NCAP 2013 ODB:

Target: 13.5 points (out of 16 points)

BEHICLE test results: 15.24 points

**THE BEST-IN-CLASS PERFORMANCE
IS GUARANTEED WITH BEHICLE!**

OUTSTANDING PERFORMANCE

Range and consumption tests were performed using the driving cycles defined in the Worldwide Harmonised Light vehicles Test Procedures (WLTP). The results allowed for validation of the BEHICLE prototype powertrain, delivering outstanding results:

A 134 km range in realistic urban driving conditions (equivalent 143 km in NEDC) with an equivalent consumption of 95wh/km.



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PROJECT PARTNERS



MORE INFO

<http://behicle.eu>

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