

Groupe PSA designs an electrified light vehicle as part of the European EU-LIVE consortium

- **The “Efficient Urban Light Vehicle” (EU-LIVE) European consortium brings together 12 partners from six countries, with Groupe PSA the only carmaker**
- **The urban mobility project is funded by the European Commission (€6.7 million) under the “Horizon 2020 GV5” Research and Innovation programme**
- **Based on an architecture similar to a tricycle, the electrified light vehicle is adapted for urban and peri-urban trips with a zero-emission mode for city driving**
- **Groupe PSA’s involvement is part of its Push to Pass strategic plan to deliver new mobility solutions**

On 30 November 2017, the European EU-LIVE consortium unveiled a new L5e-category electrified mobility solution. Positioned between the two-wheel and four-wheel segments, it is equipped with a plug-in hybrid electric vehicle (PHEV) powertrain, two electric in-wheel motors and a petrol internal combustion engine. In leading the research and manufacturing phases for the new demonstration vehicle, Groupe PSA has expanded its design expertise beyond the automotive industry.

Thanks to its silhouette and hybrid technology, the new EU-LIVE electrified mobility solution can be used on all roads and offers drivers a wide array of benefits:

- Suited to both **roads and motorways**, all it requires is a driving licence.
- Its **tilting mechanism** offers **superior handling**, making the vehicle as easy to drive as a three-wheel scooter. This and the roll-control technology account for more than half of the 13 patents filed by Groupe PSA. The system notably makes use of hydraulic components and **hydropneumatic suspension**.
- The vehicle runs in **zero-emission** mode at speed of up to 70 kilometres per hour using two rear electric in-wheel motors with a total power output of 8 kilowatts, developed by 2 consortium partners Elaphe and Brembo. The 48-volt electric battery – designed by Samsung SDI - can be recharged using regenerative braking technology. When driving on inter-urban roads at speeds of between 70 and 130 kilometres per hour, the PEUGEOT SCOOTER 31-kilowatt single-cylinder petrol engine takes over the propulsion. The light vehicle has a total range of 300 kilometres and a top speed of 130 kilometres per hour.



- The vehicle's **small footprint** (2.4 metres x 0.85 metres) and **rotating doors** facilitate perpendicular parking and free up road space. As well as an enclosed, heated cabin, the vehicle also features seatbelts and an airbag, making helmets, gloves, waterproof jackets and other protective gear unnecessary.

One of the EU-LIVE consortium's main aims is to develop common powertrains that can be used for a variety of L-category vehicles in order to achieve economies of scale.

For more information, visit: <http://eu-live.eu>

Media contact: Marguerite Hubsch – +33 6 78 80 09 53 – psa-presse@mpsa.com

About Groupe PSA

The Groupe PSA designs unique automotive experiences and delivers mobility solutions to meet all client expectations. The Group has five car brands, Peugeot, Citroën, DS, Opel and Vauxhall, as well as a wide array of mobility and smart services under its Free2Move brand, aiming to become a great carmaker and the preferred mobility provider. It is an early innovator in the field of autonomous and connected cars. It is also involved in financing activities through Banque PSA Finance and in automotive equipment via Faurecia. Find out more at groupe-psa.com/en.

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