



THE BRIEF

Future urban mobility calls for more space for people and less space for cars as well as for environmentally compatible vehicle concepts, saving resources and minimizing local noise and air pollutant emissions. Motor vehicles in the Light (L-) Category already offer an interesting complementary solution to public transport, walking and cycling. Yet, at present, L-category vehicles are still not sufficiently attractive to end users. EU-LIVE will provide a comprehensive solution, which covers a range of three different L-category vehicles (L3e, L5e and L6e). The design contest is the foundation for the L6e-category. Your concept will serve as the sound basis for the virtual prototype. Send us your sketches of a fresh and unconventional car and submit your concept until February 14, 2016.

THE AWARD

The winning concept will be further developed into a virtual prototype targeting the L6e category. It will consist a package plan, a simplified CAD model (which will be built by professional 3D engineers) and a corresponding multi-body and aerodynamics simulation model. Moreover it will be used for a feasibility study.

Furthermore, a prize money of € 6000 for the first 3 winners will be awarded (first: € 3000, second: € 2000, third: € 1000)

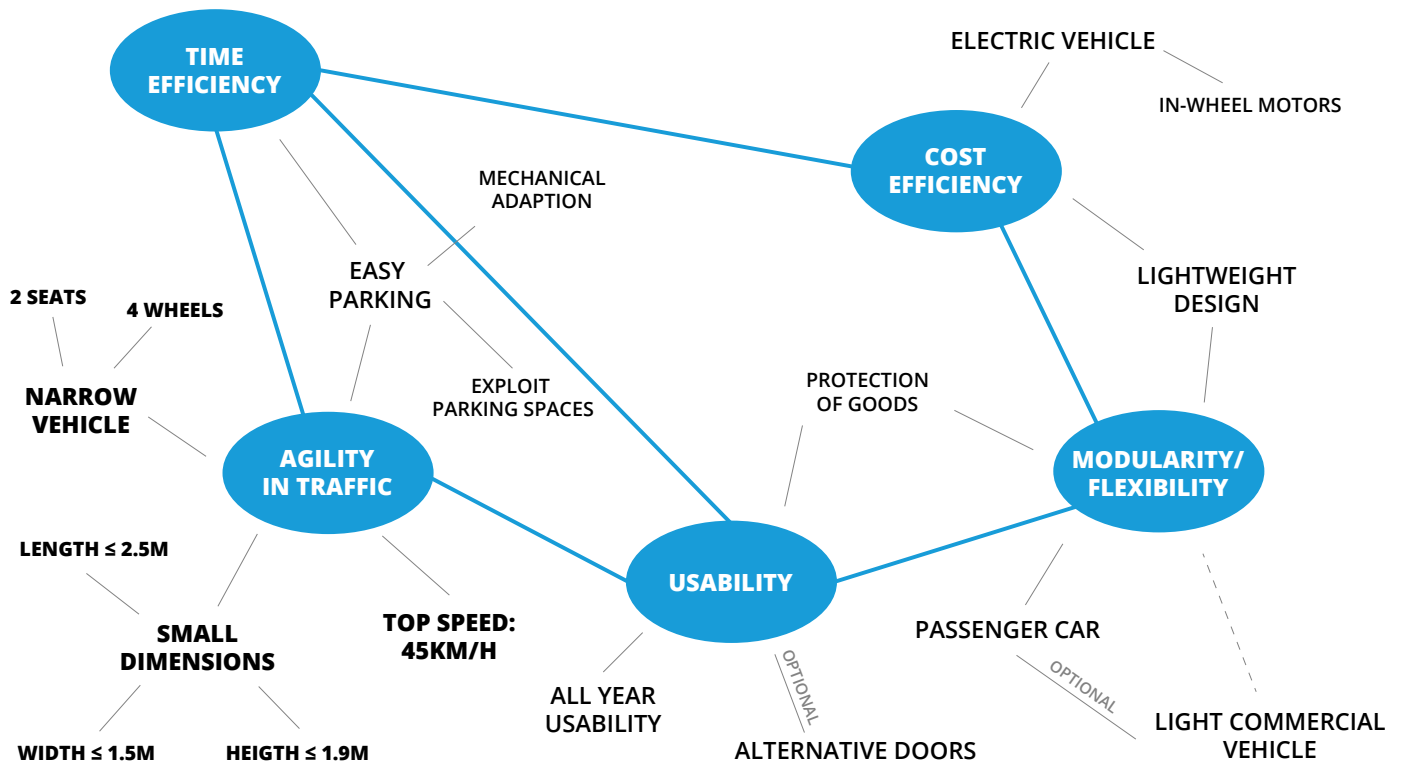
THE TIME TABLE

- ▶ **Applications Phase**
November 30, 2015 – February 14, 2016
- ▶ **Notification of Winners**
February 29, 2016
- ▶ **Redesign Phase**
February 29 – March 30, 2016
- ▶ **Official Announcement Winners**
April 18, 2016

JURY MEMBERS

- ▶ Damien Basset
- ▶ Lutz Eckstein
- ▶ Thomas Fournier
- ▶ Lutz Fügner
- ▶ Rüdiger Heim
- ▶ Daniel Huber
- ▶ Werner Rom

THE REQUIREMENTS



Hard facts

- ▶ Dimensions:
 - Length: ≤ 2.5 m
 - Width: ≤ 1.5 m
 - Height: ≤ 1.9 m
- ▶ 4 Wheels
- ▶ 2 Seats

Soft facts

Make up your mind and design a fresh and unconventional ultra-light vehicle concept for two passengers. The small but modular electric vehicle for future mega-cities shall use in-wheel motors and be designed for a top speed of 45 kilometres per hour. Your concept covers the needs of individual transportation on the first hand, but also could meet the requirements for business solutions. Keep in mind that car sharing gets more important and could be a future use case.

Our findings show that users have a strong need for safe, usable L-category vehicles which are easy to park and allow a convenient transport of the typical everyday goods. Regardless of the vehicle's top speed, safety always takes a high priority and the protection of the passengers should not be neglected. Your body design offers all weather usability and an optional alternative door or entrance concept

allows accessibility by at least one and a maximum of three sides. Providing comfort mobility, easy parking and storage space will also serve the customers' needs.

THE JUDGING PROCESS

The jury members were selected and nominated carefully in respect to their previous work and their expertise in the EU-LIVE project. For the design contest we choose 4 designers, 3 from the EU-LIVE consortium (Peugeot Scooter, PSA Peugeot Citroën and Spirit Design) and 1 external expert from the Pforzheim University. To cover the technical perspective 3 engineers from the EU-LIVE consortium have been selected (Forschungsgesellschaft Kraftfahrwesen mbH Aachen, Fraunhofer Institute for Structural Durability and Virtual Vehicle). All members of the jury are listed below.

How will the jury rate my design?

- ▶ Fulfilment of the requirements 35 %
- ▶ Originality of the design 35 %
- ▶ Quality of the design 15 %
- ▶ Opportunity for series production readiness 15%

ANY QUESTIONS?

Please contact the Design Contest Team via email: designcontest@eu-live.eu