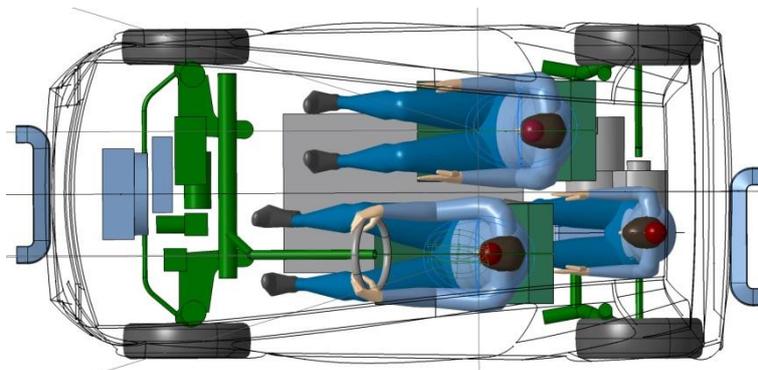


Dear Sir or Madam,

The epsilon consortium is proud to announce the finalisation of the epsilon concept investigation and give you a first hint of how the epsilon vehicle will look like.

The epsilon vehicle will be considerably lighter, more energy efficient and require less road space than today's sub-compact cars. Compared to powered two-wheelers, epsilon will provide higher safety, transport capacity and driving comfort in all weather conditions. Offering an appealing driving performance at affordable costs, the epsilon vehicle will address not only the ecological and societal, but also the economic dimension of sustainable mobility. Specifically designed for the typical transport tasks in urban areas in 2020-2025 epsilon defines a completely new vehicle class.



Based on our scenario and market analysis commuting is the main use case for urban individual transport, followed by leisure time. Purchase costs and TCO are the most important features, followed by safety and agility in urban driving with a maximum speed of at least 90 km/h. Despite road space becoming more and more congested, roominess, comfort and sufficient space for everyday shopping remain key attributes. By using a lateral offset between driver and front passenger the epsilon package concept realises two full seats while keeping the cross section narrow for optimised air resistance. With a third seat in the rear epsilon provides sufficient room for taking your two children to school on your way to work. The 80 kW electric motor provides high agility and acceleration, still due to the low air drag coefficient and a vehicle mass of less than 600 kg an energy demand below 80 Wh/km can be realised. Thus a purely electric range of at least 150 km is provided by using a rather small 16 kWh battery pack – with a positive effect on weight, package space and costs.

For more information please refer to our website www.epsilon-project.eu

On behalf of the epsilon consortium, best regards,
Kristian Seidel

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epsilon aims to conceptualise and prototype the electric urban small vehicle of 2020-2025. It will focus on the development of an innovative electric vehicle concept specifically designed for the typical transport tasks in urban areas. The project is coordinated by fka Forschungsgesellschaft Kraftfahrwesen mbH Aachen. Furthermore, the consortium consists of Kompetenzzentrum - Das Virtuelle Fahrzeug, Centro Ricerche Fiat SCPA, Autoliv Development AB, HPL Prototypes LTD, Vehicle Safety Institute of Technical University Graz, Fraunhofer Institute LBF, LEC 2 Limited and Institut für Kraftfahrzeuge (ika) of RWTH Aachen University.



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