



making sustainability happen

ALTRAN

PRESS RELEASE

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Altran & Quimera will present the first “All Electric GT” prototype at IAA international motor show Frankfurt

Altran, the global technological partner of Quimera has contributed to the development of the E-car “All Electric GT” AEGT, the most powerful electric car ever produced.

Quimera, an International cluster, is aiming at changing the way electrical cars are perceived by the car industry and raising public awareness regarding Electric vehicles' capacities, performance and range. With AEGT, Altran and Quimera with the involvement and support of Technopark Motorland of Gobierno de Aragon (Spain) and the technical cooperation of Sunrace Engineering Development jointly push forward and expand the limits of electric technology.

With three motors (UQM Electric Motors) developing 700 bhp, AEGT is getting to a top speed currently limited to 300 km/h. The monocoque chassis is made entirely of carbon fiber to make it lighter and more rigid. Supplied by series of latest-generation lithium-polymer EIG batteries AEGT currently benefits from an autonomy of around 30 minutes.

As technological partner of Quimera, Altran is involved as main technology advisor and participates in the development. There are several Quimera projects of electrical racing cars and Altran experts are responsible of the design and engineering of the electrical powertrain. They define the battery pack, battery management system, electrical engines, gearbox and the complete powertrain integration as well as the required chassis modifications.

Quimera researches in the energy sector in order to exchange and transfer new knowledge into the automotive sector.

“The AEGT is a living laboratory to test all the selected technologies. This first prototype has been designed in a very short time just to prove the validity of some unique design concepts and test the main performance targets of the vehicle. Altran has been the technologic advisor and supervisor in this process and is now preparing the next evolution of the car,” explains Alfonso Martinez, Altran Group Executive Director, Mechanical Engineering Solution.

“At this stage of technological complexity, it is almost impossible to be successful in the e-mobility industry without specialized partners like Altran”, says Javier de Rocafort, Chairman at Quimera.

With the support of Technopark Motorland, the session tests occur on Motorland, the newest F1 circuit, offering the car optimum conditions to perform.

“When people will see the cars racing and that the drivers have fun and on top of that the races are thrilling and nice to watch, then we are sure the beginning of acceptance of the electric technology will start”, explains Javier de Rocafort.

Meet the Altran AIT experts (Automotive, Infrastructure and Transportation) from September 13th to 16th and discover AEGT-prototype on stand D11 Hall 4.1
For more info: pictures/videos/interviews: [click here](#)

About Quimera

Quimera leads a Consortium of international companies, to develop and deploy sustainable projects in metropolitan and urban areas, offering global cutting edge solutions, in the renewable energy and sustainability fields. It encourages research and development towards sustainability through applied technologies. Quimera benefits from all its cluster members know-how and has the potential to investigate, develop and deploy projects on a worldwide basis.

Quimera is active in the following sectors: energy efficiency, energy storage, transportation, solar, wind, smart grid, biofuels & biomaterials, recycling & waste, water & wastewater.

More info: www.quimera-project.com

About Altran

As European leader in Innovation and High-Tech Consulting, Altran has been providing services for almost thirty years to key players in the AeroSpace & Defense, Automotive, Telecoms, Energy, Healthcare and Finance sectors.

Thanks to its expertise in the fields of advanced technology and innovation, the Group is able to accompany its clients in the creation and development of their products and services.

Present at every stage of project development from strategic planning through to manufacturing, Altran provides new-technology services in the fields of Innovation Management, Mechanical Engineering, Engineering and Embedded Systems, IT Systems and Performance Management.

More info: www.altran.com

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