



CONCEPT VEHICLES BY ESORO

Concept vehicles by ESORO - we consider the extraordinary ordinary. ESORO designs, develops and implements high-quality concept vehicles from the initial idea through to the "ready-to-show" vehicles. Prototypes are fully operable and homologated so that the concept can also be experienced and driven. An innovative and experienced team is able to handle complex projects very efficiently and in a very short time by the appointed deadline. When doing this, ESORO can fall back on state-of-the-art development tools, an excellent prototype workshop, experience from over twenty vehicle projects and a choice network of component suppliers. In its capacity as prime contractor, ESORO is the direct contact for customers and assumes responsibility for the overall project.

WHAT YOU DREAM IS WHAT YOU GET

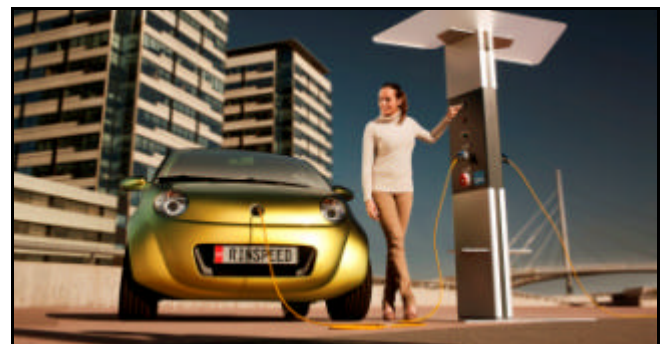


UC?- URBAN COMMUTER – YOU SEE?, 2010

For the first time in its long history of developing groundbreaking concept cars, Rinspeed created an entire mobility concept. ESORO developed and realized for Rinspeed the associated city car UC?. The highly likable two-seater is powered by an electric motor. The little speedster measures just 2.50 m in length and is intended to help avoid gridlock in the inner cities. At the same time an advanced railcar loading system will add the option to cover long distances by train, comfortable, without traffic jams and stress-free.

The lightweight "lovebug" is operated with a central joystick and delivers 124 Nm of torque. It reaches a top speed of 110 km/h and has an operating range of 120 km.

The engineering team of ESORO has realized the 11th concept car for Rinspeed. ESORO was the general contractor and responsible for project management, engineering, the implementing of the novel technologies, the design and rendering, as well as the realization of the Rinspeed UC?.



ICHANGE – ELECTRIC SPORTSCAR WITH FLEXIBLE REAR END, 2009

The iChange is an environment friendly sports car. The lightweight body structure has an extremely low aerodynamic drag and offers only a seat for the driver – in the normal configuration. But at a push of a button, the flexible rear end lifts and offers seats for two additional persons. So the aerodynamic drag is minimal for every type of use. The 130kW electric motor with high and constant torque starting from zero and a high power Lilon battery system provide enough power for excellent acceleration and top speed – free of emissions and noise.



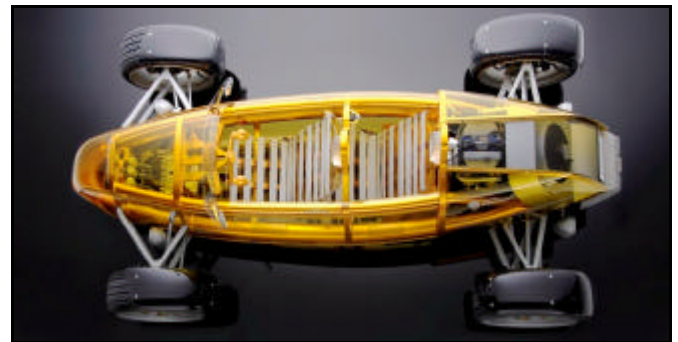
SQUBA – THE THIRD DIMENSION, 2008

James Bond still needed “Q” and a box of movie tricks in 1977, today it also works in real life: the sQuba – a thoroughbred electro-sportscar – can, if necessary, swim and dive to depths of up to 10 meters. The entire drive train works with zero emissions. On the street, a 37 kW electric engine gives enough power. On the surface of the water, two electric propellers in the back guide it through the waves, while two electric jet propulsion engines drive the sQuba in the third dimension. The energy for all that comes from Lilon batteries.



EXASIS – TRANSPARENCY ON WHEELS, 2007

The transparency „dematerializes“ the new concept car eXaxis made from Makrolon® - a high-tech plastic by Bayer Material Science. This opens the view into the car, the ideas, thoughts and imagination behind and the technical solutions for this fully functional and fascinating concept car. The eXaxis is powered by a compact and powerful Bioethanol engine from Weber/Swissauto, which provides some 150 environmentally friendly horsepower.



SPLASH – CAN FLY, 2004

The Splash – best performing amphibious vehicle in the world. The Splash speeds up to 200 km/h on the road and over 50 km/h on water. At the push of a button, the Splash transforms automatically from a car into a sophisticated hydrofoil. ESORO masterfully met the challenge with the help of its highly competent suppliers Naval (Marine), Swissauto (Drivetrain adaption) and Protoscar (Design). Starting with initial concepts, it took the highly skilled development team just seven months to realize the entire project including tests on the road, on the water and in the “third dimension” by flying at high speed over water.

