

Geneva, Switzerland, March 3, 2010

### **Geneva International Motor Show – Siemens turns the spotlight on electromobility**

**Siemens will be introducing new key components for the field of electromobility at the International Motor Show to be held in Geneva, Switzerland on March 4-14, 2010. In the Ruf Automobile GmbH stand, Siemens will exhibit an integrated recharging system complete with the requisite software as well as a so-called double-motor concept for a new version of the electric roadster known as the eRuf Greenster. Wolfgang Dehen, CEO of the Energy Sector at Siemens AG, explains: “We see great potential for electromobility – also from the point of view of power utilities – since electric vehicles are the ideal temporary storage units for surplus electricity.” Siemens expects more than a million electric vehicles to be on the world’s roads in the foreseeable future.**

“Electrical energy is the key to achieving greater sustainability. Studies show that CO<sub>2</sub> emissions can be cut by more than a billion tons by 2020 through the use of intelligent power networks,” notes Dehen. Smart grid solutions from Siemens are equipping power networks to meet the requirements of electromobility. Ecofriendly electric vehicles will be a decisive component of intelligent grids. When parked for longer periods of time, the vehicles can be connected to the grid for recharging, enabling them to make use of excess capacity, such as electricity generated at night by wind parks. The innovative cars thereby help stabilize power grids and increase the share of renewables in the energy mix.

### **Integrated recharging systems for reliable power supplies**

A centrally controlled network of parking facilities with plug-in stands is vital if electric vehicles are to be integrated into a close-knit system of recharging stations. At the Geneva International Motor Show, Siemens will present a system in which payment made at a central paypoint unlocks a charging stand at which an electric vehicle can be “filled up.” Data generated during the transaction is relayed to a centralized computer for further use – for example, for payment of the energy supplier.

This system is particularly appropriate for use at locations where numerous cars can “fill up” – for instance, in public parking garages and on company parking lots.

### **New motor and drive concepts for electric vehicles**

Siemens' Corporate Technology Department – in cooperation with Ruf Automobile GmbH – is rolling out a new double-motor concept for the e-Ruf Greenster. In this system, each rear axle is propelled individually, substantially improving the electric vehicle's driving dynamics. What's more, the vehicle's battery can be recharged at a 400-volt power outlet rather than at the customary 230-volt outlet, eliminating the need for an additional recharging device in the car.

Intensely engaged in a wide variety of activities in the field of electromobility, Siemens is the world's only company covering the entire process chain – from intelligent infrastructure solutions and charging technologies to research on the requisite drive technologies.

Stand information: Hall 3, Stand 3000

**Siemens AG** (Berlin and Munich) is a global powerhouse in electronics and electrical engineering, operating in the industry, energy and healthcare sectors. For over 160 years, Siemens has stood for technological excellence, innovation, quality, reliability and internationality. The company is the world's largest provider of environmental technologies, generating €23 billion – nearly one-third of its total revenue – from green products and solutions. In fiscal 2009, which ended on September 30, 2009, revenue totaled €76.7 billion and net income €2.5 billion. At the end of September 2009, Siemens had around 405,000 employees worldwide. Further information is available on the Internet at: [www.siemens.com](http://www.siemens.com).