

# QUANTUM TECHNOLOGIES

## PRESS RELEASE

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### **Quantum's Affiliate Fisker Automotive to Debut Luxury Plug-in Hybrid Cars for the European Market at the Geneva Motor Show**

#### **Pricing and European retail strategy to be announced in March at the Geneva Motor Show**

IRVINE, Calif., Feb. 17, 2009 /PRNewswire-FirstCall/ -- Fisker Automotive, the new American manufacturer of premium green automobiles, co-founded by Quantum, will unveil its Karma and Karma S luxury plug-in hybrid cars for the first time on European soil at the Geneva Motor Show on March 3, 2009. The 408 horsepower, 100 mpg Karma sedan incorporating the Quantum Q-Drive® will appear in the production trim that customers will receive when deliveries begin at the end of this year. The Karma S hardtop convertible coupe concept is scheduled for production in 2011. A European retail network strategy, along with vehicle options and pricing, will also be announced.

The full size, four-seater Fisker Karma fuses the traditional and timeless styling of former Aston Martin and BMW auto designer, and Fisker Automotive CEO, Henrik Fisker, with the cutting-edge technology of Q-Drive®, - a new, clean-energy powertrain from Quantum Fuel System Technologies Worldwide (Nasdaq: [QTWW - News](#)). Quantum and Fisker Automotive collaborated to develop world's first luxury plug-in hybrid sports sedan car.

The Karma will be able to reach 100 km/h (62 mph) in six seconds and a top speed of 200 km/h (125 mph), while being able to achieve an average annual fuel consumption rate of 2.4 l/100 km (100 mpg). It also features new materials and technologies not seen before on any production vehicle, such as a 26 cm (10.5") haptic touch-screen control panel and environmentally friendly interior trim.

#### **About Quantum**

Quantum Fuel Systems Technologies Worldwide, Inc. (NasdaqGM: [QTWW - News](#)), a fully integrated alternative energy company, is a leader in the development and production of advanced propulsion systems, energy storage technologies, and alternative fuel vehicles. Quantum's portfolio of technologies includes advanced lithium-ion battery systems, electronic controls, hybrid electric drive systems, hydrogen storage and metering systems, and alternative fuel technologies that enable fuel efficient, low emission hybrid, plug-in hybrid electric, fuel cell, and alternative fuel vehicles. Quantum's powertrain engineering, system integration, vehicle manufacturing, and assembly capabilities provide fast-to-market solutions to support the production of hybrid and plug-in hybrid, hydrogen-powered hybrid, fuel cell, alternative fuel, and specialty vehicles, as well as modular, transportable hydrogen refueling stations. Quantum's customer base includes automotive OEMs, dealer networks, fleets, aerospace industry, military and other government entities, and other strategic alliance partners.

More information can be found about Quantum's products and services at <http://www.qtww.com>

Quantum is a member of the Russell 2000® and Russell 3000® indexes.

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## **About Fisker**

Fisker Automotive is a privately owned luxury premium hybrid car company co-founded by Quantum Technologies and Fisker Coachbuild LLC, with Henrik Fisker as the CEO. The company has backing from Kleiner Perkins Caufield & Byers, Palo Alto Investors and Qatar Investment Authority.

More information can be found online at [www.fiskerautomotive.com](http://www.fiskerautomotive.com).

## **Forward-Looking Statements**

Statements in this document regarding future financial and operating results, future growth in customers and development programs, the development and commercialization of hybrid vehicles, hybrid vehicle specifications, new or expanded customer contracts, the commitment of suppliers and other entities to the Karma vehicle program, future opportunities for Quantum, and any other statements about the future expectations, beliefs, goals, plans, or prospects expressed by management constitute forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Any statements that are not statements of historical fact (including but not limited to statements containing the words "will," "believes," "plans," "anticipates," "expects," "estimates," and similar expressions) should also be considered to be forward-looking statements. There are a number of important factors that could cause actual results or events to differ materially from those indicated by such forward-looking statements, including: variations in pricing, engineering and material costs, development costs, other general costs and expenses; other new model platforms; the ability to retain key personnel; the Company's ability to successfully execute its business strategies; growth of the hybrid vehicle market; the levels of commitment by OEMs, governments and other entities to the commercialization of hybrid and alternative fuel technologies; our dependence on a concentrated number of customers for a substantial majority of our revenues; the timing of product cycles for our OEM customers; delays in the development of a commercial market for our products; our reliance on a limited number of suppliers for raw materials used in our products; shortages of raw materials; competitive conditions in the industry; business cycles affecting the markets in which the Company conducts business; and economic conditions generally. Additional factors may be found in Quantum's Form 10-K for the year ended April 30, 2008 and in the other documents filed by Quantum with the Securities and Exchange Commission. Forward-looking statements are based on the beliefs, opinions, and expectations of the Company's management as of the date of this press release, and the Company does not assume any obligation to update its forward-looking statements if those beliefs, opinions, expectations, or other circumstances should change.

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