

# QUANTUM TECHNOLOGIES

## PRESS RELEASE

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### **Quantum Signs \$10.2 Million Phase III Development Contract with Fisker Automotive**

IRVINE, California July 8, 2009 -- Quantum Fuel Systems Technologies Worldwide, Inc. (Nasdaq: [QTWW](#)) today announced that it has signed a \$10.2 million contract for Phase III development of plug-in hybrid powertrains for Fisker automobiles. This contract will enable Quantum to manage production validation of the Q-Drive plug-in hybrid system and ready it for volume production in 2010.

Phase III includes the continuation of engineering development and completion of validation of the powertrain and consists of high altitude, durability, hot and cold weather testing. Phase III development and validation will lead to the launch of production.

Quantum has developed an advanced version of its Q-Drive PHEV system which has been optimized to maximize the performance of the Fisker KARMA, a luxury sports sedan, and the KARMA S "Sunset," a coupe/convertible. The Quantum Q-Drive includes a gasoline powered engine/generator set which yields high efficiency with very low emissions. The lithium ion battery pack and electric traction motor drive system allow the KARMA to drive 50 miles all electrically and achieve excellent fuel economy in hybrid mode.

#### **About Quantum**

Quantum Fuel Systems Technologies Worldwide, Inc. (NasdaqGM: QTWW), 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>

#### **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).

*INVESTOR RELATIONS:*  
Dale Rasmussen  
Phone (206) 315-8242

Quantum Fuel Systems Technologies  
Worldwide, Inc.

17872 Cartwright Road

Irvine, CA 92614

Phone (949) 399-4500

Fax (949) 399-4600

[www.qtww.com](http://www.qtww.com)

Nasdaq: QTWW

### **Forward-Looking Statements**

This press release includes forward-looking statements that are based on certain assumptions and reflect our current expectations and beliefs. Any statements that are not statements of historical fact should be considered to be forward-looking statements. These statements generally include words such as “may,” “could,” “will,” “should,” “assume,” “expect,” “anticipate,” “plan,” “intend,” “believe,” “predict,” “estimate,” “forecast,” “outlook,” “potential,” or “continue,” or the negative of these terms, and other comparable terminology. Such forward-looking statements involve known and unknown risks, uncertainties and other important factors that could cause the actual results, performance or achievements to differ materially from any future results, performance, or achievements discussed or implied by such forward-looking statements. These forward-looking statements include statements regarding our ability to manage production validation of the Q Drive for the Fisker Karma, whether completion of the Phase III work will lead to production of the Fisker Karma, our plan to supply powertrains to Fisker Automotive, and other risks, some of which are discussed in our reports filed with the Securities and Exchange Commission (the “SEC”) under the caption Risk Factors and elsewhere, including our annual report on Form 10-K for the fiscal year ended April 30, 2008, and our quarterly reports on Form 10-Q for the quarters ended July 31, 2008, October 31, 2008 and January 31, 2009. Any forward-looking statement is qualified by reference to these risks, uncertainties and factors. Forward-looking statements speak only as of the date of the document in which they are made and are based on the beliefs, opinions, and expectations of the Company’s management as of the date they are made. These risks, uncertainties and factors are not exclusive, and Quantum undertakes no obligation to publicly update or revise any forward-looking statements to reflect events or circumstances that may arise after the date of this press release, except as required by law.

### **Contact:**

Dale Rasmussen  
Investor Relations  
Quantum Fuel Systems Technologies Worldwide, Inc.  
email: [DRasmussen@qtw.com](mailto:DRasmussen@qtw.com)  
1-206-315-8242