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THERMOFLUIDICS SELECTED AS FINALIST FOR LAUNCH: ENERGY CHALLENGE

NASA, USAID, The U.S. Department of State, and NIKE identified Thermofluidics for its innovative approach to society's most pressing energy challenges.

Oxford (November 3, 2011) – Thermofluidics announced today its selection as one of the ten innovators of LAUNCH: Energy, a competition founded by NASA, The United States Agency for International Development, the U.S. Department of State and NIKE. The LAUNCH: Energy challenge identifies the most transformative energy innovations with the potential to revolutionize both the developed and developing world. Thermofluidics was selected for its *Solar and Waste Heat Powered Water Pump*. Their low cost pump technology has almost no moving parts and uses heat to enable many energy saving and humanitarian applications.

Thermofluidics was chosen from over 200 submissions, which were reviewed by a diverse panel of experts comprised of government officials, industry leaders, researchers, and investors. The panel was tasked to identify the ten innovators who best demonstrated potential for broad impact as well as technical and financial viability. The Solar and Waste Heat Powered Water Pump will be showcased at the LAUNCH: Energy Forum which will be held at the Kennedy Space Center in Florida from November 11 to 13, 2011.

“Our ability to pump liquids, gases or semi-solids without human effort in a low cost, reliable manner means we can improve life on this planet for many people” says Mark Bryant, CEO. He continues “for example, in solar powered water pumping, our products will be 3-4 times more cost effective than PhotoVoltaics and for applications using industrial or domestic waste heat we will be 7-10 times cheaper.”

Thermofluidics' patented technology is underpinned by cheap materials, modern low cost production processes and computerised thermal/heat flow models which enable low temperature heat to be transformed into a pumping capability and to lift water up to 100m in a low cost environmentally friendly manner. These devices are particularly well suited to pumping water in a broad range of world-

wide applications such as agricultural irrigation, drinking water provision and solar thermal heating. The low-temperature heat to operate the pump can come from solar thermal (hot water) collectors or low grade waste heat from many industrial processes. It can also be used for water circulation and heating in domestic heating devices. Analysis indicates the technology can outperform electric, diesel and PV alternatives on economic and environmental grounds.

About Thermofluidics:

Thermofluidics innovative heat engine technologies have been granted patents globally and won innovation awards. The technology is applicable from industrial state-of-the-art businesses to the poorest farms in the world. It is our aim to serve both. For more information, please visit www.thermofluidics.com.

About LAUNCH:

NASA, USAID, The U.S. Department of State, and NIKE joined together to form LAUNCH in an effort to identify, showcase and support innovative approaches to global challenges. LAUNCH searches for visionaries, whose world-class ideas, technologies or programs show great promise for making tangible impacts on society. For more information, please visit www.launch.org.