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Battery Technology Breakthrough Brings Global Award for U.S. Manufacturer

CLAIRE, MI (December 8, 2014) – Advanced Battery Concepts has emerged from a pool of over 10,000 eligible businesses to scoop a prestigious award as one of the Top 10 companies in the world making significant advances in the field of clean technology in 2014.

The annual Later Stage Awards were established in 2010 by the Global Cleantech Cluster Association (GCCA), an organization that represents over 50 world-wide networks of companies working to make advances in clean technology. The Later Stage Awards recognize companies from 10 specialist sectors, including biofuels, transportation and waste management, whose work supports the acceleration of clean technology adoption on the world stage.

Advanced Battery Concepts, which earlier in the year announced that it had started commercial production of its patented lead acid battery technology, won the 2014 award for Best Smart Grid application. After years of continuous design, testing and manufacturing development, the company put into production the world's first large format, bipolar, sealed AGM, valve-regulated lead acid battery, with the potential to revolutionize the lead acid battery industry by delivering efficiency and performance benefits across a wide range of applications.

Ed Shaffer, CEO and founder of Advanced Battery Concepts said; “It is fantastic to receive this recognition for our technology and the potential that it offers, in particular, to Smart Grid applications. Governments across the world are supporting the development of Smart Grid technologies. We see it as a key application for our products where the ability to store safe, reliable, and cost-effective energy promotes the broader adoption of renewable power generation and grid efficiency.”

The Later Stage Awards recognize companies that are not only making broad strides in their respective global industries but also work closely with their regional ‘cleantech clusters’ to undertake activity with the potential to build sustainable green economies and create jobs. They are judged by a large panel of venture capitalists, investors and serial entrepreneurs, who collectively manage \$3.5 billion in clean technology investment.

“Cleantech is thriving throughout the world and proving to now be a major driver of economic growth,” said Christian Haeuselmann, Co-Founder and Chairman of the GCCA and Cluster Manager for swisscleantech, who hosted this year's awards. “The 2014 winners are proving that companies innovating in the new green economy are both investable and thriving. It is an honor to highlight them as true examples of success in our growing industry.”

Each of the GCCA's member clusters conducted internal evaluations to nominate up to 10 companies in each of the categories. That number was later narrowed to the Global Top 30 semi-finalists, with the Top 10 winners announced at the 5th Annual Cleantech Investing Seminar in Lausanne, Switzerland.

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Notes to editors

About Advanced Battery Concepts

- Advanced Battery Concepts LLC is a global battery technology development company based in Michigan, USA
- Applications for GreenSeal® technology include stationary applications such as smart grid, solar and wind backup power and motive applications such as electric wheel chairs, e-bikes, golf cart, mining cars, floor scrubbers, medical carts and electrification of vehicles.
- The experienced team is led by CEO and Founder Ed Shaffer, who has more than 20 years' experience in advanced materials, seven of which in the battery industry, including senior R&D, business development and management roles. He holds a Ph.D. in Materials Science from the Massachusetts Institute of Technology
- ABC has US and multi-national phase patents for GreenSeal® Electrodes, Endo-Cool™, Cooling Technology, Endo-Safe™ Fusing Mechanism and Endo-Lock™ Technology and has recently filed for US and PCT patent applications, ViaLock™ Battery Assembly Technology, and RapidSeal™ Battery Assembly Technology.
- ABC is currently working with existing lead acid battery producers and engaging licensees to realize the commercial potential of its technology, as well as on-going production of batteries and additional research from its Battery Research & Engineering Development Centre in Michigan to broaden its technology portfolio with the aim of producing better batteries for a better world.
- Advanced Battery Concepts (ABC) is a member of the Advanced Lead Acid Battery Consortium (ALABC), an international research organization comprised of lead producers, battery manufacturers, equipment suppliers and research institutions dedicated to improving lead-acid batteries for use in a variety of energy storage applications.

For more information on the Later Stage Awards, please visit the GCCA website at <http://www.globalcleantech.org/awards/2014-awards/>