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Press Release

Y-Carbon Recognized for Revolutionary Technology

King of Prussia, PA – R&D Magazine has recognized Y-Carbon, Inc. with the prestigious R&D 100 award. This award recognizes Y-Carbon's revolutionary technology for providing the world with clean energy, safe drinking water and improved health care.

Since 1963, the R&D 100 Awards have identified revolutionary technologies newly introduced to the market. These include the flashcube (1965), the automated teller machine (1973), the halogen lamp (1974), the fax machine (1975), the liquid crystal display (1980), the printer (1986), the Kodak Photo CD (1991), the Nicoderm antismoking patch (1992), Taxol anticancer drug (1993), lab on a chip (1996), and HDTV (1998).

“The whole Y-Carbon team is excited about the award,” said Chief Executive Officer Ken Malone, “R&D 100 recognizes what we've learned from our customers, that our product provides a revolutionary way to store energy, desalinate water and treat life threatening liver failure”.

The science behind Y-Carbon's products was developed at Drexel University and the A.J. Drexel Nanotechnology Institute by Professor Yury Gogotsi. “I am pleased that Drexel not only supports world class research, but also the translation of that research into real products which impact our environment and health,” said Gogotsi.

Y-Carbon's products are similar to the carbon found in household water filters. The big difference, the nanopores in Y-Carbon's material are precisely controlled. This means that hundreds of acres of surface area can be created on a single pound of material.

“The pores in our carbon are exactly controlled to maximize energy storage, to efficiently remove salt from water and to remove toxins from the human body” said Chief Technology Officer and co-Founder Dr. Ranjan Dash.

Y-Carbon's products are enabling higher density energy storage in electric vehicles, cost efficient process for desalinating water, removal of toxins from the human body resulting from liver failure, lowering the cost of hydrogen fuel cells and a range of other applications which contribute to the world's environment and health.

“Many people outside of Y-Carbon deserve recognition for this award”, said Malone. “Without the support of support of Drexel, Pennsylvania NanoMaterials Center, Ben Franklin Technology Partners, Arkema, BAE Systems and the Wharton Small Business Development Corporation, this award would not have been possible.”

Y-Carbon, Inc. maintains corporate headquarters and research labs in King of Prussia, PA. The corporation was founded on science developed at Drexel University by Professor Yury Gogotsi, Director of AJ Drexel Nanotechnology Institute. Y-Carbon's products provide the world with clean energy, safe drinking water and improved health care.

Further information on R&D Magazine and the R&D 100 may be found at www.rdmag.com

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