

Media Contact

Michael W. Schmid Chief Marketing Officer

Phone: +1 717.324.6296

Email: mikeschmid@renewablenutrients.com

FOR IMMEDIATE RELEASE

Renewable Nutrients' Partners at the USDA's Coastal Plains Soil, Water, and Plant Research Center Receive the Coveted FLC Award for Excellence in Technology Transfer

Pinehurst, NC, USA – January 29, 2015 – Renewable Nutrients, LLC, a firm focused on nutrient recovery and reuse, today announced that its partners at the United States Department of Agriculture, Agricultural Research Service — Coastal Plains Soil, Water, and Plant Research Center in Florence, SC have been honored by the Federal Laboratory Consortium for Technology Transfer (FLC) with the coveted **Award for Excellence in Technology Transfer**.

USDA scientists at the Coastal Plains lab, Drs. Ariel Szogi, Matias Vanotti, and Patrick Hunt, have been recognized for their innovative development of the patented Quick Wash™ phosphorus extraction and recovery process and subsequent successful transition from the laboratory environment to adoption by a commercial partner. Renewable Nutrients Chief Executive Officer, Jeff Dawson, is also a named recipient of the award, recognizing the role he and the company played in both identifying and introducing commercial applications for the Quick Wash technology.

The Quick Wash process extracts and recovers phosphorus, a valuable and non-renewable commodity, from human biosolids and animal manure solids. The recovered phosphorus can be used as a fertilizer or as a raw material for specific industrial products. Most importantly, extracting phosphorus from human or animal waste serves to directly address the problem of nutrient pollution at its source. The resultant low or no-phosphorus manure solids, for example, can be spread on farmers' fields without fear of runoff into our fragile waterways. Likewise, phosphorus-free human biosolids can be safely land-applied, thus lessening the amount of waste shipped to landfills and other disposal sites.

Renewable Nutrients, LLC is the commercial partner that has adopted and licensed the technology from the USDA, and is currently introducing it to the municipal waste water treatment sector as well as the animal agriculture market. "I am extremely happy that FLC is presenting this well-deserved award to these three brilliant scientists," said Jeff Dawson. "Our company has worked very closely with Drs. Szogi and Vanotti, and they have provided us with a tremendous amount of support in the form of primary research, analytics and validation. Given their efforts, we know the science and methodology behind the Quick Wash process is sound, and the next step is simply for Renewable Nutrients to introduce a commercial-ready product and process to the marketplace," continued Dawson.

The Award for Excellence in Technology Transfer is presented annually by the Federal Laboratory Consortium for Technology Transfer. The award recognizes laboratory employees who have accomplished outstanding work in the process of transferring a technology developed by a federal laboratory to the commercial marketplace.

"We are delighted that the Federal Laboratory Consortium has elected to recognize the joint efforts of Renewable Nutrients and our lab with respect to the transfer of the Quick Wash technology to the private sector," said Dr. Szogi. He continued, "The award is a testament to the hard work and diligence of my fellow scientists, colleagues, and employees here at the Florence Coastal Plains lab, and I look forward to our partnership with Renewable Nutrients as they work to establish Quick Wash in the marketplace."

"We are very happy for all the support we received from the USDA-ARS Office of Technology Transfer to effectively move our discovery into the marketplace," added Dr. Vanotti.

About Renewable Nutrients, LLC (www.RenewableNutrients.com)

Renewable Nutrients is a private, North Carolina-based company that turns waste into sustainable and profitable resources. Through its exclusive license of the patented Quick Wash™ process, Renewable Nutrients allows waste treatment plants and farms to extract and recover phosphorus from human biosolids and manure solids. The remaining biosolids or manure solids, which contain crop-friendly ratios of nitrogen-to-phosphorus, can be land-applied, thus lessening the amount of waste trucked to disposal sites, and reducing or even eliminating the incidence of nutrient pollution from soil runoff. In addition, municipalities and farms can sell the recovered phosphorus on the open market, and engage in the trading or marketing of nutrient credits.

About the USDA Coastal Plains Soil, Water, and Plant Research Center (<u>USDA-ARS</u>)

The USDA Coastal Plains Soil, Water, and Plant Research Center's mission is to conduct research and transfer solutions that improve agricultural production, protect the environment, and enhance the conservation of natural resources – all within an efficient and profitable agriculture.

About the Federal Laboratory Consortium for Technology Transfer (www.federallabs.org/flc/home/)
The Federal Laboratory Consortium for Technology Transfer (FLC) is the nationwide network of federal laboratories that provides the forum to develop strategies and opportunities for linking laboratory mission technologies and expertise with the marketplace.

The Consortium creates an environment that adds value to and supports the technology transfer efforts of its members and potential partners. The FLC develops and tests transfer methods, addresses barriers to the process, provides training, highlights grass-roots transfer efforts, and emphasizes national initiatives where technology transfer has a role. For the public and private sectors, the FLC brings laboratories together with potential users of government-developed technologies. This is in part accomplished by the FLC's Technology Locator network and regional and national meetings.