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## **Second Biogas ShockWave Power Reactor Installed in Italy**

Hydro Dynamics, Inc. (HDI) of Rome, Georgia ([www.hydrodynamics.com](http://www.hydrodynamics.com)) announced Azienda Agricola Luzi (<http://www.aziendaagricolaluzi.it>) in Marche region of Italy has installed the ShockWave Power Reactor (SPR) in their biogas plant. The plant has installed the BioSPR 15 model sized for its 100 KW capacity. It is the second fully commercial install of the SPR technology for biogas in Italy with several more planned yet this year.

HDI has partnered with Three-Es of Milan, Italy for distribution of its ShockWave Power Reactor (SPR) for biogas and other industries. Three-Es has created a strong foothold for the SPR technology in biogas in Italy and is looking to continue that success in other countries and other applications. In biogas waste food and agricultural products are converted to natural gas through bacterial digestion. The BioSPR (as it is termed for the industry) makes the fats, sugars, proteins and starches more accessible to the bacteria which increases yield and can reduce viscosity. The Italian biogas market is one of the world's largest with more than 700 plants.

"Three-Es offers their customers a beautifully engineered SPR solution that, as their motto says, is "One Step More" ahead of the competition", said Doug Mancosky, VP of R&D for HDI. "Three-Es is helping to revolutionize biogas in Italy and the rest of Europe. We are extremely excited about the immense biogas potential in both Italy and worldwide." More information about Three-Es and the BioSPR can be found on their website at <http://www.miscelatori-omogeneizzatori.it/>.

The Azienda Agricola Luzi facility was also recently filmed for feature on Italian TV. The program, to be shown in late August, and will include an explanation of the innovative BioSPR technology.

### **About Hydro Dynamics**

Hydro Dynamics is the developer of a patented cavitation process intensification technology called the ShockWave Power Reactor (SPR), enabling customers to solve critical mixing and heating problems. Reactors are operating on four continents with well-known customers in applications as diverse as increasing biogas yields, biodiesel transesterification, processing petroleum drilling fluids, chemical synthesis and homogenization/pasteurization of liquid eggs. The ShockWave Power Reactor allows customers to significantly decrease costs and increase profits, often with environmental and safety benefits. Learn more at <http://www.hydrodynamics.com>.

Picture of Biogas Unit Skidded for Installation

