

# **Hydro Dynamics, Inc.**

Harnessing the Power of Cavitation



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Contact: Doug Mancosky  
[dmancosky@hydrodynamics.com](mailto:dmancosky@hydrodynamics.com)  
706-234-4111 x116  
[www.hydrodynamics.com](http://www.hydrodynamics.com)

For Immediate Release

## **HDI's Italian Partner Debuts New Green and Gold BioSPR for Biogas**

**Rome, GA-** Hydro Dynamics, Inc. (HDI) and partner Three-Es S.r.l. (Three-Es) of Milan, Italy have cooperatively created a new version of the ShockWave Power Reactor (SPR) specifically for biogas. Biogas is the production of methane through the digestion of mostly waste materials such as agricultural waste, food scraps or manure. In biogas the SPR has been shown to increase the yield of biogas by 20% or more, reducing digestion time and increasing feedstock flexibility.

For biogas a new SPR design was required due to the unique properties of the fluid and needs of this application. Marketed as the BioSPR, the new color scheme of green and gold is symbolic of renewable energy combined with the ability to significantly increase profits for a biogas plant.

“On a recent trip to Italy we visited 5 BioSPR installations and the customers raved about the technology”, said Doug Mancosky, VP of R&D for HDI. “We’re excited about a rapid rollout of the technology in Europe and also the potential for the rest of the world.” For more information on biogas please go to [www.biospr.it](http://www.biospr.it).



New Green and Gold BioSPR

**8 Redmond Court, Rome, Georgia 30165 · 706-234-4111**  
[info-hdi@hydrodynamics.com](mailto:info-hdi@hydrodynamics.com) · [www.hydrodynamics.com](http://www.hydrodynamics.com)



BioSPR just completing production at Three-Es



New BioSPR Integrated Skid

## 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 to mixing petroleum drilling mud to more efficient homogenization and 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>.

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