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# Extreme Energy Solutions' New Green Technology for Emissions Reduction Is Discovered by Chinese Vehicle Manufacturer

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SOURCE:

*The Changzhou Keshi Group, the largest mining equipment manufacturer in China, discovers a powerful new green technology for vehicle emissions reduction offered by Extreme Energy Solutions Inc.*

Changzhou, Jiangsu Province, China (PRWEB) November 09, 2014

Mr. Jiang Hanjun, CEO and President of the Chinese mining equipment manufacturer, Changzhou Keshi Group, discovers a powerful new green technology for vehicle emissions reduction offered by an emerging technology company from New Jersey.

Mr. Jiang and his team recently visited Ogdensburg, New Jersey in search of an emissions reduction solution for their explosion proof underground mining vehicles. They were introduced to a new emissions solution, the **Smart Emissions Reducer** (SER) offered by Extreme Energy Solutions Inc. (EES). After meeting with **Samuel K. Burlum**, CEO and President of EES and his team, Mr. Jiang committed to partnering with Extreme in testing the Smart Emissions Reducer, the flagship product of the New Jersey based technology firm.

We are very impressed with the product (Smart Emissions Reducer) and are very interested in cooperating with your company, commented Mr. Jiang. Jiang offered a formal invitation to Burlum and his team to visit the Keshi facility in China, where both companies would partner to test the validity of the Smart Emissions Reducer in the mining equipment vehicle application.

If the test results are satisfactory, we would like to discuss long term cooperation matter with your company including becoming an exclusive distributor of SER for your company in China, offered Mr. Jiang.

Keshi Group began testing of the **Smart Emissions Reducer** in December 2013. Testing results concluded that the Smart Emissions Reducer performed as advertised under controlled laboratory conditions. Preliminary testing would show the SER could provide up to a 5% fuel economy increase on a brand new 5.9 liter Cummings diesel powered engine, and a significant reduction in emissions, more specifically a reduction of particulate matter (PM) up to a 49% and carbon monoxide (CO) up to 63%.

After further testing conducted by Keshi, the Smart Emissions Reducer proved to deliver consistent vehicle emissions reductions between 20% to 50% in all phases of the engines operations, while also still providing a fuel economy benefit no lower than 2% and 3%, although field tests have shown it to be higher.

Keshis testing data was reviewed by Dr. Carley Corrado, PhD, with the Department of Physics at the University of California, Santa Cruz. Dr. Corrado provided commentary on the Statistical Margin of Error within the test report and evaluated the reduction of emissions and

improved fuel efficiency by addition of the Smart Emissions Reducer onto a new Cummings diesel engine.

The total emissions averaged over the 6 modes tested in the categories of CO, K/M, and N% were decreased by 22%, 25% and 18% respectively, noted Dr. Corrado, There was a decrease in Brake Specific Fuel Consumption (BSFC) of 2.3%, which is equivalent to the corresponding improvement of fuel efficiency.

Conservative projections of the fuel economy savings resulting from addition of the SER estimates a ROI of 1.2 years and a total of 10,000 liters (2641 gallons) of fuel over the expected lifespan of the SER, continued Corrado.

Mr. Jiang and Keshi offered to enter into the next phase of testing with **Extreme Energy Solutions** Smart Emissions Reducer program. We will agree to purchase a small rolling production of the SER devices and have them installed in the field. If we find similar results as the lab, we will want to deploy the technology throughout China, stated Jiang at a recent meeting held at his facility in Changzhou.

We are honored to partner with Keshi, and are very pleased that Keshi and Extreme are working together on solutions for Chinas pollution problems that are a result of harmful vehicle emissions. Burlum contributed, This partnership is good for China and good for America. Keshi is proving it is helping China address some of its pressing national air quality concerns, while further validating the SER technology. A long term agreement with Keshi would mean that our company is providing a valuable export to China, thus we would need to increase domestic jobs to meet the demand.

The Smart Emissions Reducer, (initially branded as the Intercharger) was first introduced to the taxi and delivery vehicle fleet market by Extreme Energy Solutions in 2010. It was approved for use by the **New York City Taxi and Limo Commission**. Later, it tested by **Roush Industries** on gasoline powered vehicles. Tests in the Roush labs demonstrated the SER could deliver up to a 7.5% increase in fuel efficiency and up to a 65% reduction in emissions. To learn more about Extreme Energy Solutions, Inc. you can visit their website at <http://www.ExtremeEnergySolutions.net> or call them toll free at 1-800-EES-TEAM.

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