

# ClearSkies News



DECEMBER 2008  
VOLUME 10

## SEMTECH AM - PORTABLE ACTIVITY MONITORING SYSTEM (PAMS)

Sensors is stepping into a new area of products with the launch of the SEMTECH-AM, or Activity Monitor, which supplements our existing emissions measurement equipment. This small device connects to a GPS antenna, the on-board vehicle interface module, an analog input and a USB input, and then wirelessly transmits vehicle position and engine condition data to a specified IP address. The data can then be downloaded for analysis from anywhere in the world. From fleet management applications to traffic analysis and emissions correlations, there is a wide variety of uses for the data that this mobile device provides.



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## ADAC-SEMTECH GAS & PARTICULATE ANALYZER (GPA) at IAA Nutzfahrzeuge Hannover Exhibition

Sensors Europe has teamed up with ADAC, the largest automotive club in Germany, to create a modern, mobile garage, complete with the latest mobile emissions measurement equipment. The system was first displayed to the public at the Hannover IAA show, the world's largest automotive fair, in September 2009. This trendsetting package impressed ministers, politicians and other automotive organizations by opening up new testing prospects.



ADAC has over 16 million members and maintains a fleet of flying (flight) ambulances, an insurance company, a publishing house, a travel agency and other services for its motorist members. The organization has had a long tradition of servicing its customers' vehicles. With this in mind, they approached Sensors Europe with the concept of making a mobile automotive workshop. ADAC founded a research project group to set up a truck and trailer system containing the most up to date and modern mobile garage, as well as a mobile roller dynamometer and forward looking emissions test equipment. Other project members include well known companies such as Continental, Maha, and members of one institute of the RWTH University in Aachen.

[read more](#)

## Sensors' Europe Office Relocates

Sensors' European office is pleased to announce that we have completed our relocation from Ratingen, Germany to our new facility in Erkrath, Germany. The new office is conveniently located near Düsseldorf providing quick access to the international airports of Düsseldorf (25 min.) and Cologne (40 min.). This larger facility was necessary to accommodate Sensors' recent growth of which includes our team of 14 employees. 600 m<sup>2</sup> (app. 6500 sq. ft.) is dedicated to research and development activities in the fields of optics and particulate matter, and also supports our sales and administrative tasks. In addition, we now have space for training facilities, and full audit, service and repair facilities for all of our product lines: SEMTECH, Inspection and Maintenance (I&M) and Environmental. The new facility houses a greatly improved material handling system as well. We invite you to stop by and visit us at our new location.



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## Greenhouse Gas Reduction: 5 tons of CO<sub>2</sub> /year

When selecting Sensors Europe's new location greenhouse gas reduction was one of our goals. Two aspects had been taken into account: finding the right building and the right location. Moving to a modern building with better insulation will reduce the energy consumption and cost. The floor plan has been created to separate different temperature zones internally while keeping distances and material flow short.

The new location is conveniently located near 2 highway exits providing easy access by car.

By bringing the workplace closer to the employees, the daily commute for the workforce was reduced by 166 km. Based on the individual fuel consumption of the vehicles, this saves more than 22 kg of CO<sub>2</sub>/day or 5 tons of CO<sub>2</sub>/year. (Conversion based on: 1l diesel = 2,65 kg CO<sub>2</sub> , 1l gasoline = to 2,32 kg CO<sub>2</sub>)



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## Welcome Mary Jordan

Sensor's, Inc. is pleased to announce that Mary Jordan has joined our sales team as a SEMTECH Account Executive in the United States. Mary is a graduate of Michigan Technological University with a Bachelor of Science Degree in Mechanical Engineering. Prior to joining Sensor's, Mary worked as a sales representative in the hydronic and HVAC/R industry for eight years. We feel that the combination of Mary's strong sales experience along with her engineering background brings added depth to our sales team. Mary can be reached at [mjordan@sensors-inc.com](mailto:mjordan@sensors-inc.com) or (734) 42902100 ext. 207.





## Upcoming Industry Events

North American International Auto Show  
January 11 - 25, 2009  
Detroit, Michigan

7th International CTI Forum Exhaust Systems  
January 26 - 29, 2009  
Dusseldorf, Germany

National Biodiesel Conference & Expo 2009  
February 1 - 4, 2009  
San Francisco, California

Government/Industry Meeting  
February 3 - 6, 2009  
Washington, DC, USA

2009 Hybrid Vehicle Technologies Symposium  
February 11 - 12, 2009  
San Diego, CA, USA

Heavy Duty Vehicle Conference & Expo  
March 16 - 18, 2009  
Long Beach Convention Center, Long Beach CA USA

SAE Clean Snowmobile Challenge  
March 16 - 21, 2009  
Keweenaw Research Center, Houghton, Michigan

2008 Asia Pacific diesel Emissions Conference  
March 11 - 12, 2009  
Shanghai, China

19th Annual CRC On Road Vehicle Emissions Workshop  
March 23 - 25, 2009  
San Diego, CA



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