

**14 January 2010**

## **Analyst Quotes**

**Holst Centre / imec**

### **2009 European Wearable Energy Harvesters Technology Innovation Award**

"The personal energy harvesting systems developed by Holst Centre and imec open new possibilities for personal appliances and electronic devices. Proposed electrocardiograph self powered system operates only consuming the emitted body heat of the user. Such advanced successful application proves the huge potential of the designed energy harvesters to power this and other relevant solutions. In effect, this design opens a new chapter in a history of personal electronic development"

"The system designed by Holst Centre and imec utilizes the popular on the market thermoelectric material. However, the clue of this design refers to the smart energy management and proper structure arrangement and design matched to the specific human body characteristics in order to fully utilize the thermal heat gradient based on a body as a heat source. The Holst Centre / imec solutions proved the capability of personal energy harvesters for powering the small electronics."

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