

IDTechEx

Identifying Commercial Opportunities and Markets for Energy Harvesting & Storage

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Overview of our services

IDTechEx supports your strategic business decisions on energy harvesting and storage, printed electronics, electric vehicles, emerging materials and components, RFID, by providing



Reports, Subscriptions and Advisory Services

Over 70 globally cited market research reports

Company profile database, premium articles, access to analysts



Events

Run **over 60** events in the past 13 years. IDTechEx organize the World's leading events for Energy Harvesting and other topics.



Consultancy:

Over 275 consultancy projects including opportunity scouting, market and technology appraisal, due diligence, masterclasses...

Web Portals

Printed Electronics World, Energy Harvesting Journal, Electric Vehicles Research

Energy Harvesting Webinar – Dr Harry Zervos - Conclusions :

- Large market for energy harvesting applications in many verticals for many different harvesting and storage technologies
- Significant interest so far mostly in the building automation sector. Industrial automation building up pace, some sectors more difficult to penetrate than others
- Competition from battery technologies, both on cost and performance is not to be ignored
- Government mandates push adoption and can offer a helping hand to the tool box of technologies and applications that energy harvesting and wireless sensors enable (smart meters, TPMS, CO gas sensors)

Acquisitions – Fund raising

Linear Technologies acquired Dust Networks (December 2011)

Lord Corporation acquired MicroStrain (August 2012)

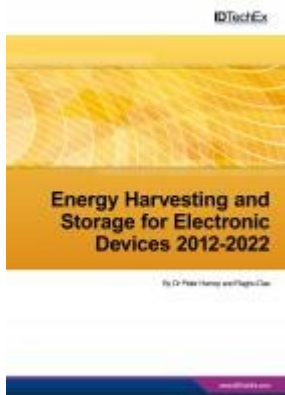
Micropelt raised €6.5 Million in May 2012

Laird acquires Nextreme in February 2013

The EnOcean Alliance has over 300 member companies

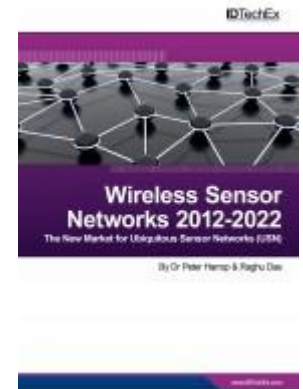
But also... Infinite Power Solutions withdrawing from the energy harvesting space

IDTechEx Research on energy harvesting and wireless sensors



Energy Harvesting and Storage for Electronic Devices 2013-2023

Wireless Sensor Networks 2013-2023



www.idtechex.com/research

International Conference and Exhibition

 **Co located events.
See how much you gain**



Energy Harvesting & Storage Europe 2013

Wireless Sensor Networks Europe 2013

Berlin 17 – 18 April :

www.idtechex.com/europe

Keynote (09:00 – 10.55)

[IDTechEx, Dr Harry Zervos, Senior Technology Analyst](#)

09:00 - 09:15 "Energy Harvesting and Wireless Sensors: Solutions for Building Automation and Civil Infrastructure" , Energy harvesting and wireless sensor technology uptake ,Market forecasts

[GE Energy Germany GmbH, Dr Thomas Kafka, Field Application Engineer](#)

09:15 - 09:40 "Wireless Sensor Deployments in Industrial Applications"

[Shell Global Solutions, Mr Brian de Vuijst, Frontier Automation Engineer](#)

09:40 - 10:05 "Oil and Gas Asset Integrity Monitoring" Asset integrity and process safety

Why we need sensors and sensing systems

[ABB, Dr Kai Koenig, Scientist](#)

10:05 - 10:30 "WiTemp Wireless Temperature Transmitter for Process Industry Applications Powered by Thermoelectric Energy Harvesting - Field Trial Results"

[Sentec Ltd, Mr Edward Taylor, Technology Developer](#)

10:30 - 10:55 "Finding Energy Harvesting Applications and Getting Them to Market" Review of Sentec's collection of Technology

[Freescale Semiconductor, Mr Kaivan Karimi, Sr Product Marketing Manager](#)

11:30 - 11:55 "The Role of Sensor Fusion in the Internet of Things (IoT)" The next evolution of sensors - sensor fusion ;Sensor fusion enabling context-awareness; Internet of Things and potential and implications of sensor fusion ; Expansion in the delivery of context-aware services, and privacy issues.

Thank You

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Energy Harvesting Journal:

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