

ZEROPOWER WORKSHOP

Cork 26-27 Oct. 2011

ZEROPOWER

FET FPVII (GA n. 270005)

www.zero-power.eu

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What is a Coordination Action (CA)

CA is not research...

Coordination Actions have the aim to **complement research projects, clustered in Proactive Initiatives**, by

- supporting communities,
- providing a forum for discussion,
- supporting young researchers,
- Identifying research challenges and new research topics,
- setting out research roadmaps,
- taking joint actions in areas such as education,
- creating contacts with high-tech SMEs,
- supporting collaboration with groups outside Europe.

http://cordis.europa.eu/fp7/ict/fet-proactive/csa_en.html#about

ZEROPOWER

Coordination action (CA) in FET Proactive ICT Call 6
FP7-ICT-2009-6

“Co-ordinating Research Efforts Towards Zero-Power ICT”

Started in January 2011

Duration: 3 years

Budget: 625000 €

ZEROPOWER CA coordinates the activities of the 4 consortia involved in
“Toward Zero-Power ICT” research projects

(FET proactive call FP7-ICT-2009-5, Objective 8.6)

Mission

The goal of this project is to create a coordination activity among consortia (**identify the key players**) involved in “Toward Zero-Power ICT” research projects (FET proactive call FP7-ICT-2009-5, Objective 8.6) and communities of scientists interested in energy harvesting and low power, energy efficient ICT (**identify a community**).

This activity is aimed at assessing the impact of our research efforts and proposing measures to increase the visibility of ICT-Energy related initiatives (**clear and present need**) to the scientific community, targeted industries and to the public at large through exchange of information, dedicated networking events and media campaigns.

The ZEROPOWER activities will inspire more research projects in this emerging area by generating broader acceptance for the developed technology and the benefits of its applications (**Define clear objectives**).

ZEROPOWER will facilitate broader interaction and feedback among the “Toward Zero-Power ICT” consortia members and stakeholders, thereby, consolidating progress in the field. Positive benefits to the European Community are foreseen in all great challenges of energy, security, environment and health by developing a strategic research agenda in low power, energy efficient ICT and making it happen (**aim high**).

Partners

NiPS Laboratory, Università di Perugia (Italy)
project **Nanopower** www.nanopwr.eu



Tyndall National Institute, University College Cork (Ireland)
project **SiNAPS** <http://www.sinaps-fet.eu/index.html>



Universitat Autònoma de Barcelona (Spain) - NANERG LAB
<http://grupsderecerca.uab.cat/nanerglab/>



University of Glasgow (United Kingdom)
project **GREEN Silicon** <http://www.greensilicon.eu/GREENSilicon/index.html>



ZERØPOWER

Project time table

ZEROPOWER Time Chart												
	M3	M6	M9	M12	M15	M18	M21	M24	M27	M30	M33	M36
WP 1: Dissemination of knowledge and results												
Task 1.1 - WEB site	D1.1											
Task 1.2 - Newsletters and press releases		D1.3		D1.4		D1.5		D1.6		D1.7		D1.8
Task 1.3 - Flyer	D1.2											
Task 1.4 - Dissemination through conf. Attend.												
Task 1.5 - e-dissemination												
Task 1.6 - Exhibitions and Showcases												
WP 2: ZEROPOWER community building												
Task 2.1 - ZEROPOWER workshop				D21.				D2.3				D2.4
Task 2.2 - Clustering/Networking workshop						D2.2						
Task 2.3 - ZEROPOWER sess. at high-level conf												
Task 2.4 - Micro Energy Day												
Task 2.5 - Researchers exchange												
Task 2.6 - Scientific Advisory Committee (SAC)						D2.2						D2.4
WP 3: ZEROPOWER Focused Reports												
Task 3.1 - ZEROPOWER Research Agenda				D3.1								D3.5
Task 3.2 - ZEROPOWER Science Book								D3.3				D3.6
Task 3.3 - ZEROPOWER Benchmarking tools						D3.2						
Task 3.4 - Field survey								D3.4				
WP 4: Training activities												
Task 4.1 - Summer-winter training school								D4.3				
Task 4.2 - PhD half-day session				D4.1				D4.4				D4.6
Task 4.3 - Short training courses and colloquia								D4.2				D4.5
Task 4.4 - Exchanges visits												
Task 4.5 - Popularization toward stud. & children												
WP 5: Project Management												
Task 5.1 - Overall project management	D5.1			D5.2				D5.3				D5.4
Task 5.2 - Management Board (MB) meetings												


Communication through web site: www.zero-power.eu

ZEROPOWER

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[Towards Zero Power ICT](#)

[Mission & Partners](#)

[Events & Meetings](#)

[Scientific Publications](#)

[News & Newsletter](#)

Energy from the Microworld

Communicating Zero Energy Culture

ZeroEnergy technologies



HOT NEWS

- > [ZEROPOWER Workshop in Cork, October 25-27, 2011](#)
07/19/2011 - 00:35
- > [ZEROPOWER Workshop Cork, Oct 25-](#)

NEXT MEETINGS

- > [NIPS Summer School 2011](#)
1-6 August 2011

more

JOIN THE COMMUNITY



NANOENERGY LETTERS is a newsletter created in order to help the circulation of news and thoughts about micro and

ZEROPOWER

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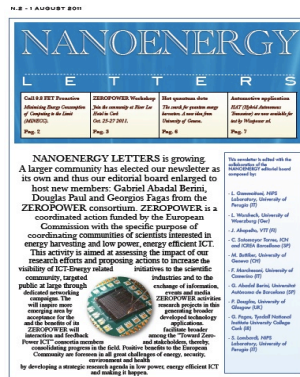
The importance of outreach activities

D1.2 --> Task 1.3 – **Flyer**

Printed and digital Flyers providing information on the ZEROPOWER CA will be printed and distributed in order to publicize the project on a worldwide scale. The digital version will also be made freely available via the WEB site.



D1.3 --> Task 1.2 – **NEWSLETTER and press releases** ZEROPOWER. The ZEROPOWER digital newsletter will be published on M6, M12, M18, M24, M30, M36.



Task 2.4 - Micro Energy Day

This task deals with the organization of the Micro Energy Day. This is a single day within the EU Sustainable Energy Europe Week (EUSEW) devoted to micro energies. The Micro Energy Day initiative was proposed in 2010 by one of the ZEROPOWER partners (UNIPG) and has become one of the official events of the 2010 week. This task aims at spreading the initiative through Europe as an opportunity to increase awareness among the specialist and also among the general public of the role of energy consumed by small electronic devices (less than 1 mW). During this day the ZEROPOWER partners will organize science communication events in their locations.

Role of partners: UNIPG (Leader), all other partners: organization/participation. The specific day to be nominated

Deadline: April 14th 2011

Please check: www.microenergyday.eu



Updates on ongoing activities

News

Period: M10-M12 (Mar 2011- July 2011)



- Innovation Convetion 2011. Brussels 5-6 Dicembre 2011.

The Innovation Convention exhibition will showcase exciting research and innovation results being developed under European funding programmes.

Approved exhibit: Nanoenergies – recycling energy in the nanoworld

Please send contributions by **Nov 13**: Project flyers, video, demos...

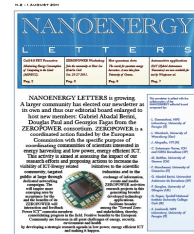
Email: comunicazione@nipslab.org

Updates on ongoing activities

News

Period: M10-M12 (Mar 2011- July 2011)

- Second issue of NANOENERGY LETTERS has been published on July 31° 2011
- **Next issue due by Jan 31° 2012**



Our Summer School + Workshop
about 35 participants in 2011

Next:

Erice (IT), 23-27 July 2012



News

Period: M10-M12 (Mar 2011- July 2011)

ZEROPOWER (cluster) WORKSHOP

Glasgow, 3-5 July 2012

*International Conference open to all
scientists interested in ICT-Energy issues*

www.zero-power.eu

