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Instituto Pedro Nunes
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From a Test Bed to a Living Lab: Report from TAB member Dr Michael Gursteins visit at MEIS laboratories and the Slovene test bed in summer 2010 N4C.

See also e-news article:
N4C Workshop on e-Health in inaccessible regions 10 November 2010, Tromsø

E-health and Delay Tolerant Networking for Communication Challenged Regions NST/ESA Ambassador Platform

Upcoming event:

N4C final conference
14 April 2011

For info please contact

<http://www.n4c.eu/Final-Conference.php>



is funded by the European Commission's FP7 ICT programme's FIRE initiative



Photo: Boda in Jämtland by Staffan Wingborg

N4C in the final phase

The research project Networking for Communications Challenged Communities: Architecture, Test Beds and Innovative Alliances (N4C) started in May 2008. The vision of N4C is to develop DTN based Internet access, two test beds (in Swedish Lapland and in Kočevje region in Slovenian mountain) and test applications. During 2010 we have continued our work with tests and development of the test beds. Work also includes development of models for governing of our work after the project is finished.

In this fifth issue of our newsletter (pdf version) we present IPN; one of our partners who is responsible for development of N4C architecture. They have also taken a lead in deployment to Brazil.

We also like to inform you about our upcoming event – the Final Conference which is scheduled for 14 April 2011. It will be organized as an internet event. You can participate from your home-office! At this point we have confirmed key note speeches by:

- Mr. Patrik Fältström, Distinguished Consulting Engineer, CISCO
- Professor Ewa Gunnarsson, Head of the Division for Gender and Innovation at Luleå University of Technology.

The conference will also include the launch of a video by Dr. Vinton G. Cerf communicating his take on the progress of N4C.



*Merry Christmas and
A Happy New Year*

Dr. Maria Udén

Pedro Nunes Institute (IPN) (www.ipn.pt)

an Association for Innovation and R&D in Science and Technology

Founded in 1991, the Institute Pedro Nunes (IPN), Association for Innovation and Development in Science and Technology is a non-profit private organization. The IPN's mission is to leverage a strong university/enterprise relationship for the promotion of innovation, rigor, quality and entrepreneurship in private and public sector organizations, by acting in following areas:

- Research and technological development, consultancy and specialized services;
- Business and ideas incubation;
- Highly specialized training and promotion of science and technology.

IPN has its own technological infrastructures with six laboratories; besides accessing a network of researchers in the scientific and technological system, particularly from the University of Coimbra.

LABGEO - Geotechnical Laboratory

LABPHARM - Pharmaceutical Sciences

Laboratory

LAS - Laboratory for Automatics and Systems

LEC - Laboratory of Electro analysis and Corrosion

LED&MAT - Laboratory of Wear, Testing and Materials

LIS - Laboratory of Informatics and Systems



Photo: IPN Incubator

IPN promotes creation of spin-off companies by giving support to innovative and technology-based ideas. The incubator, managed by an autonomous association, IPN-INCUBADORA, provides enterprises with an easy access to the scientific and technological system and an environment which allows the development of know-ledge in such areas as quality, management, and marketing.

IPN core competences are:

- Robotics and industrial automation
- Vision and laser technologies
- Wearable computing
- New technologies in instrumentation and measurement (Wireless Sensor Networks design and development, RFID, Distributed Networks, Smart Monitoring, among others.)
- Support for human mobility
- Ambient Assisted Living

The Laboratory for Automatics and Systems is the partner in the N4C project where IPN's role is being Work Package Leader for Work Package 7: System Integration. Another task in N4C is to contribute to work package WP9 Dissemination with heading development of the wiki.



N4C Final Conference 14 April 2011

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FIRE WEEK

On 30 June and 1 July 2010 the FIRE week was arranged in Barcelona. IPN with **Paulo Freitas** and **António Cunha** demonstrated a common platform where the N4C services are accessible. The platform can be run on Nokia devices and on normal computers. The end-users can access to the modules and services of the project without too much technical knowledge. IPN platform is available to the partners.



Paulo Freitas, IPN, demonstrating IPN's platform for Per Blixt, Head of unit at the European Commission, DG INFSO



Photo: António Cunha and Paulo Freitas, IPN



Photo: António Cunha, IPN



N4C presented in Tokyo

On the annual meeting for the Society for Social Studies of Science August 25-29 in Tokyo, Japan, Caroline Wamala presented the N4C and her research from Uganda.

Her paper 'I have to show an "I can" attitude ' is based on her research about the innovative ways in which mobile phones are being used.

Caroline Wamala successfully defended her thesis titled Does IT Count. Complexities between access to and use of information technologies among Uganda's farmers on December 9 2010. Her thesis is available at: <http://pure.ltu.se/ws/fbspretrieve/5152377>

From a Test Bed to a Living Lab

In summer 2010 N4C TAB member Michael Gurstein PhD visited MEIS laboratories and the Slovene test bed. Michael Gurstein is the editor in chief of the journal Community Informatics.

The purpose of the visit was to discuss test beds and Living Laboratories. Michael Gurstein was MEIS guest for two days with discussions and visit to MEIS meteorological DTN nodes and he also met MEIS volunteer that was the first one that used u-GaRaMo monitor and Symbionode.


The visit was very enjoyable for all and resulted in a “mini pilot Living Laboratory” in his Blog “From a Test Bed to a Living Lab: Some Community Informatics Thoughts on Community Oriented Science” <http://gurstein.wordpress.com/2010/07/24/from-a-test-bed-to-a-living-lab-some-community-informatics-thoughts-on-community-oriented-science/>



N4C Final Conference 14 April 2011

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PROJECT DETAILS:

Networking for Communications Challenged Communities  is funded by the European Commission's FP7 ICT programme. Grant no. 223994. Project start: 1 May 2008. Duration: 36 months.



READ MORE ABOUT N4C: www.n4c.eu

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