

Brussels October 2010

E-CLIC at the Open Days

E-CLIC was one of the projects promoted during the Open Days in Brussels. A delegation from E-CLIC was there.

The Open Days - European Week of Regions and Cities - has been running since 2003, and is now considered an annual key event. It gives cities and regions the opportunity to promote their capacity for creating growth and jobs and show the importance of the local

level for good European governance. Around 100 seminars, workshops and debates were held, plus exhibitions and networking opportunities. E-CLIC's project leader Katarina Nordmark was satisfied that E-CLIC was given a place in the limelight.



Mikael Lundström & Katarina Nordmark

E-CLIC Rogaland Interactive PDFs

Nettop, the department for e-learning at the University of Stavanger, is producing media rich interactive pdfs as part of their digital learning resources catalogue.

Interactive PDFs provide a bridge between traditional books and digital e-learning tools. The bachelor in nursing at the Institute for Health Studies is one of the first subjects currently benefiting from this initiative.

Interactive PDFs includes text like



a normal document, but contain added embedded features. The objects are easily produced in Acrobat CS4 InDesign and Flash programs, with no additional programming. Adobe Reader is utilised as browser, which in turn has many interactive features.

E-CLIC Borås Award

E-CLIC collaboration between E-CLIC Borås and the ISSI project, *Citizen Centric Public Service in Sparsely Populated Areas*, was awarded second best contribution at the international e-challenge 2010 Conference in Warsaw, Poland.

The goal of the collaboration is to make it possible for the individual, as well as for the enterprises to stay and prosper in the inland. Through support by innovative and collaborative e-services – giving new conditions for crossing sectors and borders, as well as opening new markets, thus improving relations between individuals, enterprises and public authorities – this will be possible.

The key metaphor of the project is the Future Village or the Enhanced Village with a new service infrastructure based on digital technology turning the Internet around. This e-infrastructure/service model will comprise different e-services and a virtual electronic agent or servant, possible to tailor to the individual citizen's or enterprise's needs.

 InneLandet – the Inland



E-CLIC Groningen

Transnational Workshop

On 25 November 2010, E-CLIC Groningen organized a workshop within the framework of the E-CLIC project, *Broadband Services as Stimulation for Entrepreneurship*.

Taking part of the workshop were, together with students from both the Hanze University and the University of Groningen, diverse stakeholders from the region as well as speakers from Belgium and Germany. Christel de Maeyer presented *The Studios*, an Accelerator Centre at HOWEST, E-CLIC Kortrijk, set up in particular to stimulate creativity and entrepreneurship among talented students. Bix Jacobse presented *Internetvalley Groningen*, a successful model for start-ups in the region North Netherlands, which enables young entrepreneurs to make use of fast internet connections for a small fee and to develop their business ideas on broadband services and products. *Creative learning in a dynamic*

environment was the subject people worked on in smaller groups, lead by Thea Warringa from PUB Innovatielab. The Innovatielab is located in a former university building which has been converted into a cultural centre with ateliers for artists, apartments and office rooms. It also serves as a centre for the creative industries and hosts symposia and congresses. The working groups presented their results at the end of the afternoon, which was followed by a vivid discussion on the further development of

the E-CLIC model and transnational collaboration to stimulate entrepreneurship and innovation in the North Sea Region. At the end of a long day and an interesting workshop, participants received a certificate and a "borrel".



E-CLIC Seminar

Virtualization & Hybrid Clouds

In the autumn of 2010, a seminar about virtualization and Hybrid clouds was held in Karlstad. Lectures were given by Johan de Gelas, Liz Van Dijk and Philip Dubois from The Sizing Server Lab, part of Howest in Kortrijk, Belgium.

During a full day, the 21 participants learned about how to optimize current applications and infrastructure in a more flexible virtualized environment. They were taught how to build a green and high performance infrastructure and optimizing with focus on databases. They shared their findings on present hard ware

and software on the market from global suppliers to the participants. Finally, the group got a glimpse of the future with elastic databases in the cloud.

Contacts between Compare companies and The Sizing Servers Lab were established, which will hopefully result in future cooperation and business.



Anna Brunström, Philip Dubois, Liz van Dijk, Johan de Gelas and Mikael Lundström

E-CLIC Kortrijk

Hosting NSR

E-CLIC Kortrijk will act host during one part of the NSR Joint Annual Conference 2011.

E-CLIC Kortrijk, The Studios at Howest, has been asked to take part in one of the main tours for the NSR representatives during the NSR Conference in Brugge. The tour will focus on innovation.

About 50 people from the NSR will come to visit The Studios on 22 June to see a NSR innovative project. A representative from E-CLIC Kortrijk will join the bus tour from Brugge to Kortrijk and give an overview of E-CLIC on the bus drive there. The project Smart Cities will also give some information on the bus.



Calendar

E-CLIC Project Meeting
28-30/4 2011 Groningen,
The Netherlands

Multi-Mania Conference
23-24/5 2011 Kortrijk, Belgium

Official Opening of Planet MID
21/6 June 2011 Hannover, Germany

**NSR Annual Conference and
General Assembly 2011**
21-23/6 2011 Bruges, Belgium

APMS Conference
26-28/9 2011 Stavanger Norway

Design for Persuasion Conference
8/11 2011 Workshop
9/11 2011 Conference
Kortrijk, Belgium

E-CLIC Final Conference
6-7/12 Karlstad, Sweden

E-CLIC App Development Competition
Regional & Transnational competition
Do not forget to send in your contribution!

Read more on www.e-clic.eu

The six WP-Leaders Share Their Experience

Latest News from the Work Packages

WP1 - Katarina Nordmark

Time flies, and we have already reached the 5th periodic report on the project's activities and finances. A decision has been taken to extend the E-CLIC project by six months, which means that the project will be running until 29 February 2012. This extension gives us more time to complete the ongoing and planned activities, in time for the E-CLIC final conference in Värmland, Sweden, 6-7 December 2011.

Two Steering Committee meetings have been held in the past six months. One in Borås, Sweden where we also got the chance to listen to some very interesting lectures on the theme of innovation and entrepreneurship and one in Wilhelmshaven, Germany. The next SC-meeting will be held in Groningen, the Netherlands,

28-30 April 2011.

The County Administrative Board of Värmland has, as Lead Beneficiary of E-CLIC, recently submitted a new application to the Interreg IVB North Sea Region Programme, together with the projects Smart Cities and CCC, for a joint cluster project named DANS with aim to disseminate the three projects' results further and support the implementation of the Digital Agenda for Europe in the North Sea Region. The County Administrative Board of Värmland has also submitted an application to the Interreg IVB Baltic Sea Region Programme which focusses on transferring the E-CLIC concept to the Baltic Sea Region.



WP2 - Jan Frick

WP2 contain several infrastructure activities. The first activity was to establish eight E-CLIC centers to promote innovation for new products and services, involving structure and strategy. Thus the work packages involve creating business processes. This first activity has been finalized by all partners. Several exchanges, LivingLabs and workshop for activities have also taken place. The last task for WP2 is to set up a working model for the next generation of E-CLIC. Since E-CLIC is based on the availability of broadband and aims to promote innovation in a transnational center collaboration setting, the development of business models are looked upon as core parts of the work.



WP3 - Theo Miljoen

The development of services is still going on successfully. Services are developed for e-government, e-commerce, e-learning and e-health.

A couple of round table conferences with representatives of the board of directors of hospitals and other care and cure organizations were organized in E-CLIC Groningen to discuss the problems these organisations deal with. Opportunities for E-CLIC centers to help were discussed. One example is the complexity of processes within the hospitals and between the hospital and external care organizations. Another example is the huge amount of documents medical specialists have to deal with when visiting patients. This has led a project to investigate if the use of tablet PCs, for example the iPad, by medical specialists in hospitals can alleviate the situation.

The tablet PC, with access to the electronic health record of patients, is an acceptable means to limit the amount of paper.

Another example of an e-health project is the use of health related videos in social communities. The case study, Improving medication safety by introducing MediScan, was delivered.



On e-government, a web-based portal is being developed. A case study is developed on mobile tourism and will be delivered during spring 2011. More case studies and prototypes are under development.

WP4 - Jamie Warren

On the initiative of E-CLIC Kortrijk and E-CLIC Norwich, WP 4 is about to produce the E-CLIC video film. The video, which will show all eight E-CLIC centres and the partners' activities in the centres, is to be shown at the final conference in Karlstad, Sweden. Two journalism students from Kortrijk will visit the E-CLIC centres, collect material for the

video and also film interesting parts from each centre.

During spring a lot of activities has been going on concerning student exchanges. Borås, Norwich, Wilhelmshaven and Kortrijk have had students both visiting and being visited.



WP5 - Andreas Kassler

Work in WP5 continues with new case studies. While the German partners are concentrating on Voice over IP and security solutions, the Värmland centre continues its research efforts in the area of Wireless Mesh Networks and Network Emulation. New Case studies are currently under development, which include a collabora-

tion with Deutsche Telekom Laboratories (Berlin, Germany) in the area of Hotspot deployment and on using Wireless Mesh Networks as a backhaul network to connect Hotspots in a more flexible and efficient way.



WP6 - Tim Brauckmüller

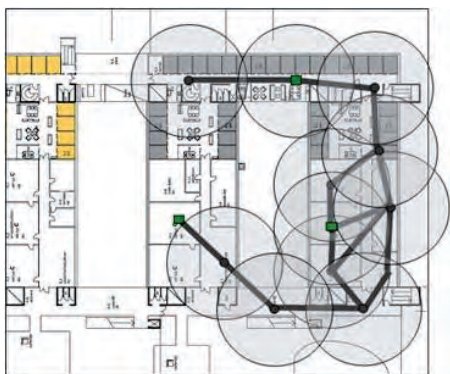
After having presented the midterm evaluation at the conference in Hannover in June last year, the weak points identified within the survey have been extensively worked on. Special attention was paid to the general lack of communication, which is why an additional survey regarding communication habits of project partners was carried out. Results have shown that e-mail is used too often, resulting in a lack of direct communication between the partners. More detailed results of the survey are currently being further worked on and will be presented in the very near future. Generally one can say that the overall communication has already been strongly improved which – among other things – was achieved by regular reports from all E-CLIC Centers informing

fellow team mates about the latest national and transnational projects in the different E-CLIC locations. This has brought the whole group closer together. Also, Skype was used more regularly to improve one-to-one communication between the partners. We are currently preparing for the last phase of the project which is the most important for this work package as the evaluation of the project results is the key component of the work in WP 6. One major part is the evaluation of the three Living Labs established in Norfolk, Hannover and Värmland, where results will be presented at the next conference in Groningen in April 2011.



E-CLIC Värmland

E-CLIC Värmland is an innovation centre with focus on mobile media systems and services as well as test and quality assurance. These areas are well established research areas and are of great importance regional businesses. E-CLIC Värmland is a collaboration between Karlstad University, Compare and the County Administrative Board of Värmland. Our goal is to promote innovation and knowledge exchange in a transnational context through cooperation in the E-CLIC network.



Snapshot of KAUMesh network layout

KAUMesh Living Lab

E-CLIC Värmland offers a Living Lab that enables innovative and business driven research and development projects. The KAUMesh Living Lab, (www.kau.se/en/kaumesh) is an experimental test bed with advanced wireless mesh networking technology. Here, researchers, students and partner organizations use KAUMesh to develop and evaluate next-generation WLAN and wireless mesh solutions.

Wireless mesh networks are a promising technology for providing cost-efficient wireless Internet access. The technology provides new opportunities to developing countries, where a wireless network can be rolled out within a short amount of time, or where the terrain makes it difficult to deploy wired networks. As an example, mesh networks are used in the Himalaya to connect schools and hospitals. It can also provide fast help in disaster areas and business opportunities in rural areas. In urban areas, it can provide new business opportunities to service providers who want to offer Internet to areas where the deployment of wireline Internet is either impossible, more costly, or simply more cumbersome and less comfortable. Typical deployment examples are to provide wireless access to airports, busses or entire cities.

Compare Testlab

The KAUMesh Living Lab is complemented by Compare Testlab which is an open and provider independent test environment for innovative business and competence development within the area of quality assurance. At Compare Testlab, services and products can be tested during development as well as prior to commercial deployment. New test models and test tools are developed by researchers, students and business partners to meet future requirements.



Petter Mordt, University of Stavanger

Seminars

E-CLIC Värmland continuously organizes seminars and workshops to enable knowledge exchange and new business opportunities. New findings within the E-CLIC network are presented to a wider audience to promote innovative ideas and exchange experiences.



Compare Testlab



E-CLIC Värmland site at Karlstad University



Compare
COMPETENCE AREA ICT



Centre Co-ordinator
Anna Brunstrom
anna.brunstrom@kau.se

www.kau.se
www.compare.se
www.lansstyrelsen.se

E-CLIC Borås

E-CLIC Borås/InnovationLab is a systems development center within the field of Academic Computing, located at the School of Business and Informatics at the University of Borås.

Tools and Know-how

The centre provides researchers and research groups with the tools and know-how to produce artefacts in support of their research. Research results can be transferred into an application for validating purposes, into a pilot-stage for multi-user testing or into full production, depending on the situation and the requirements.

Support Systems

Further, support systems are being developed for academic administration. In this area, the centre offers know-how through project planning, project management, decision support, requirements, architecture, implementation and testing.

InnovationLab

InnovationLab consists of professional systems developers, project managers and researchers (operating mainly within collaborative systems development - co-design - and open source development). To achieve a high level of innovation, a mixture of professional practices, emerging methodologies, room for personal development and a close relationship with

both practice and the research community is needed.

Within the centre, research, business entrepreneurship, systems development and management are combined into one laboratory, serving the system development needs within Academic Computing.



Students at Borås University

Workshops

E-CLIC Borås has organized workshops on the co-design approach as an innovation method with case studies. Participants have been students as well as representatives from the industry and the academia.

Collaboration Success

Thanks to the exchange between E-CLIC centers in Sweden, Germany and Belgium E-CLIC Borås have successfully developed two mobile applications. The mobile applications that were released in March 2011 aims to facilitate students in their daily lives. The applications have been well received by the users and there are already requests to develop similar applications for other units at the university.

E-CLIC Borås have also developed two demonstrators for a personal web-assistant, now in a process of commercialization, in collaboration with the ISSI-project.

Award

E-CLIC collaboration between E-CLIC Borås and the ISSI project *Citizen Centric PublicService in Sparsely Populated Areas* was awarded second best contribution at the international e-challenge 2010 Conference in Warsaw, Poland.



UNIVERSITY OF BORÅS
SCIENCE FOR THE PROFESSIONS

 **Ladokenheten**

Centre Co-ordinator
Olov Forsgren
olov.forsgren@hb.se

www.hb.se
www.ladok.se



E-CLIC Borås site at Borås University

E-CLIC Hannover

E-CLIC LivingLab Hannover, Institute Planet MID: Competence Centre for media, information and design based at the University of Applied Sciences and Arts Hannover (FHH).

Planet MID

Planet MID is the rebuilt former Planet M, which was built and used by the media company Bertelsmann during EXPO 2000, a world exposition held in Hannover. Planet MID is a media incubator for academic education as well as business cooperations. It also works as a platform, bringing science, public relations, media companies and freelancers together. Planet MID will be the base of a network in media business, aiming to establish new companies and cooperation with local/regional sponsorships in the area of start-ups and settlement of new companies.



Rebuilding Planet MID

The rebuilding of Planet MID started with the conception and implementation of all logistical and technical features. Prof. Martin Traub and Dipl.-Ing. Bernhard Többen, designated directors of Planet MID had cooperation meetings with the media companies like Norcom, step2e and EditShare regarding the technical facilities of the LivingLab. Furthermore,

there were meetings with engineers, architects and distributors for planning the technical infrastructure and broadband technology for state of the art workspaces. The main objectives of the installation were the multifunctional utilization for video conference, tele teaching and production and distribution of IPTV.

New Cluster Initiative *kreaHtiv*

The step to forming the *kreaHtiv* was to set up a powerful network for media companies and freelancers in the creative and design industry. This was done in cooperation with several ministries in Lower Saxony (The Ministry of Economics and the Ministry of Science and Culture), with a number of relevant organisations in the same area (e.g. Nordmedia, Niedersächsische Mediengesellschaft mbH) and with local institutions (for example Hannover Impuls). The next step was to evaluate the cooperation of some independent groups within the creative industry (M2N-Multimedienetzwerk Niedersachsen, Liga H – Verein Hannoverscher Kommunikationsagenturen e.V.). The local cluster *kreaHtiv* will be a cooperation of associations, alliances and agencies in the media business. The main objective is to form a network for media companies and freelancers in Lower Saxony, including the whole spectrum of creative businesses, like designers, actors, publishers, etc. Members will have access to special events and keynotes at the E-CLIC LivingLab Planet MID, or in the future – through live streaming on the Internet as well. The cluster will give the opportunity to bring together media companies, freelancer, students and SMEs who are

interested in media services. The cluster initiative was founded in August 2010 and its work is now continuing, assisted by the cluster's project leader.

New Ways in Media

Planet MID stands for future oriented, interdisciplinary education and transfer of knowledge related to creative business. The LivingLab offers the technical facilities of a multifunctional utilization for project oriented education, discussion panels, video conferences and the production and distribution of IPTV.

The new usability laboratory for empirical researches via a state-of-the-art eye tracking system is the newest part of interdisciplinary research and education. The system offers the possibility to analyse the utilisation of media content on desktops, smart phones and tablet PCs. Project objectives are the development of new criteria for the design and editorial work. The first project concerns an analysis and optimisation of journalistic texts. A further project in the usability lab focusses on Web 2.0 in the field of medicine.



Members of E-CLIC Hannover explaining the eye-tracking system to their European partners

Official Opening

The implementation of technical equipment in the setup of the E-CLIC LivingLab Hannover is now finished. The official opening of Planet MID will be on 21 June 2011, Premier David McAllister and the administration of Lower Saxony will be participating the opening.



Student Constanze Hübner, FHH, preparing the eye-tracking system for an usability test

Fachhochschule Hannover
University of Applied Sciences and Arts

INITI@TIVE D²¹

Centre Co-ordinator
Martin Traub
martin.traub@fh-hannover.de

www.fh-hannover.de
www.initiatted21.de

E-CLIC Wilhelmshaven

An E-CLIC meeting was held in Wilhelmshaven in January 2011. All project partners were given an insight into the E-CLIC centre of Wilhelmshaven and were also showed around the town itself. The possibility to exchange ideas about the different work packages was discussed, and a Steering Committee meeting was held. In the general meeting, a summary of all gathered ideas was presented. The meeting was related to by the local press, a radio interview were made as well.



E-CLIC meeting

Student Exchanges

One student group went on a student exchange to Borås in February 2011. The students tested the usability of different products in the Innovation-Lab in Borås. Another student group had the opportunity to, together with two faculty members from Jade Hochschule, visit the EWE Company, which is one of the contact companies for E-CLIC Wilhelmshaven in the Weser-Ems region.

Study Visit to Värmland

Also in February, a student and a project member of E-CLIC Wilhelmshaven made a visit to Compare in Karlstad

and Karlstad University, both part of E-CLIC Värmland. The main topic discussed during this visit was the testing of the SecVoIP product from Wilhelmshaven through Compare. SecVoIP is a possibility for securing internet telephoning.

E-CLIC Presentations

Two project members presented our project at an international conference in Budapest in October 2010. Another meeting, where E-CLIC was presented, focused on different Interreg IVB projects in the Weser-Ems region. In December 2010, we were in contact with another research group from Oldenburg that deals with sustainable energy. Future cooperation possibilities were discussed.

WP Activities

Additionally, there are ongoing activities in the work packages:

- WP5: Testbed for wireless access
- WP5: Broadband access via ethernet
- WP5: Software defined radio
- WP4: Alternatives to second life platform
- WP3: Web base portale-government
- WP3: Destination management

Case Studies and Prototypes

Some case studies have been written as well as some descriptions of prototypes.



Visit at the EWE-Company

Case Studies

- Broadband access via Ethernet
- Implementation study of an open source e-government-application
- Mobile Destination Services Part 1 - Pilot survey on location-based services through mobile websites and applications.

Prototypes

- SecVoIP
- Second Life platform for E-CLIC



Study visit at Compare Testlab



Usability testing, student exchange in Borås



Centre Co-ordinator

Juliane Benra
benra@fh-oow.de

www.fh-oow.de

E-CLIC Groningen

E-CLIC Groningen is an Innovation Centre located at the Science Campus of Groningen, the Zernike Complex. In the Centre, both universities - the Hanze University of Applied Sciences and the University of Groningen (RuG) - have invested in a collaborative space for students and teachers. The Groningen Internet Exchange is the third partner in E-CLIC Groningen and is located at the Groningen Media Centre. This generates natural links with the internet-based start-ups in the area. Through these inter-linkages we have created an innovative learning environment where businesses, students and other regional stakeholders collaborate in a cross-fertilizing manner.



Services and Products

E-CLIC Groningen mainly focuses on the development of broadband-based services and products. Services are developed for e-government, e-commerce, e-learning, and e-health. The latter is of great importance for the region North Netherlands, because health care organizations are the biggest employers in the region. Groningen is also the project leader of the EU project *Healthy Ageing*, thus e-services and products in health care play a major role. A number of case studies are developed

in close co-operation with regional health care institutes, e.g. *Improving medication safety by introducing MediScan*, a Telecare project *Het Friese Land*, or *De Wegwizer – a case study on using video conferencing in rural areas*.

Applications for Smart Phones

Another important branch of E-CLIC Groningen is the development of applications for smart phones. Students exchange their ideas with the students from other E-CLIC partners and develop sophisticated business solutions, e.g. the digital exchange of business cards, a parking guide, which directs your car to a free space in parking areas, a bicycle finder (highly important in Dutch university cities), Groningen City Guide using smartphones over wireless network, to name a few. Students are not only keen on the development, but also on the business models to put these products on the market successfully.

Regional Workshops

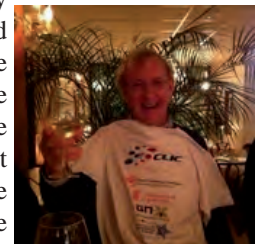
To enhance collaboration with regional stakeholders E-CLIC Groningen regularly organizes workshops on a number of subjects:

1. *Education and Broadband Services in Groningen* was focused on e-learning services, schools from all levels were invited.
2. *Broadband Services for Health Care Organisations*, e-solutions for staff from health care organizations.
3. *Broadband Services as Stimulation for Entrepreneurship*, best practice examples for young entrepreneurs.

E-CLIC Groningen also organizes regular round table conferences with different groups of stakeholders, to invest their needs and possibilities of collaboration. Some examples are the round table conferences with representatives of care and cure organizations.

Farewell Dinner

A farewell dinner for Dick Schaap, who went into retirement in September 2010, was organized after a regional workshop. Dick was a very nice colleague, working at RuG, highly professional, and with a great sense of humor too. He contributed to the E-CLIC project with several case studies and he was very active in stimulating students for exchanges and transnational co-operation with the other E-CLIC partners. At this point in time he enjoys spending time at home with his family, playing with his grandchildren and travel through the country.



New members of the E-CLIC team, all from RuG
— Hans van Uiter, Marco Stuit, Kristian Peters



E-CLIC Groningen campus overview



university of
groningen

faculty of economics
and business



Hanze University Groningen
APPLIED SCIENCES



Centre Co-ordinator

Angelica Kaus

a.m.kaus@rug.nl

www.rug.nl

www.hanze.nl

www.gn-ix.net

E-CLIC Kortrijk

THE STUDIOS

The staff at The Studios at Howest University College West Flanders in Kortrijk, Belgium, have had a busy and productive six months. And it looks like the months ahead will be equally full and fruitful.

Student Exchange – Norwich

Student and lecturer exchange has been at the top of the agenda lately. In February 2011, The Studios were pleased to send four lecturers and four students to Epic TV Studios in Norwich, UK for a one week filming and editing experience. Not only did the Howest contingent get a feel for the city of Norwich and its culture, they also got to explore student life at the two local universities. After several days of story-boarding, filming, editing and getting studio-set practice, the students were proud to deliver videos highlighting their observations.



Student exchange Norwich

Student Exchange – Borås

At the same time as the student exchange in Norwich took place, four other Howest lecturers and students were on an exchange in Borås, Sweden. They were testing applications and getting to know the E-CLIC partners there in order to set up further collaborations in the future. The Norwich and Borås groups met each other online via a quick, virtual Skype meeting. Both exchanges will no doubt lead to further, similar transnational, actual and virtual get-togethers.



The student exchanges skype meeting

Multi-Mania 2011

Last year's guest-speaker Fraser Doherty from the UK and the company Super Jam, and many other local and international speakers will give speeches at the Multi-Mania conference on the 24 May, including ones promoting extreme entrepreneurship and online marketplaces. The focus this year will be on marketing and setting up a brand. E-CLIC Kortrijk is, together with the partners in Groningen, busy planning a big E-CLIC student exchange for that week in Kortrijk. Hopefully it comes about and brings many students together from all E-CLIC partner universities.

The Studios

The Studios have been very active on the home turf. The business accelerator welcomed a new company and is now full, apart from a section which will be used as a one-year pilot to test co-working space. The Studios will be operating within a large network of such set-ups that encourages matchmaking and stimulates collective working.

The Studios have also had several successful film nights mixed with presentations from the start-ups and outside companies focusing on diverse topics aimed at mixed audiences. Recently The Studios hosted a film night on the digital nation it exists in, concluding with a fascinating Twitter-only discussion, which proved to the visitors that Twitter is a place to provoke ideas but not a place to discuss them. A monthly speed-dating session has also been set up for Howest staff from the various campuses to get to know each other better and offer weekly brush-up-your-English lessons as well to a nice mix of people. Networking can happen anywhere at any moment!



Coming Up

E-CLIC Kortrijk have some exciting things coming up in addition to Multi-Mania in May. In April, The Studios will be sending six students and three lectures to Groningen for the intensive program DIMA2011 on digital marketing. In May, E-CLIC Kortrijk will be hosting a mobile trends seminar with the Interreg project Smart-Cities at The Studios. On 22 June, E-CLIC Kortrijk will have a conference

during Design Week in Kortrijk about Digital Innovation with focus on open source. On the same day, again along with Smart Cities, E-CLIC Kortrijk will be taking part in the innovation tour of the NSR conference taking place in Brugge, Belgium. Everybody look forward to having the chance to share The Studios and all of its accomplishments with the international guests from the NSR. In the summer, Christel De Maeyer might be taking part in the Triple Helix conference at Stanford University and in the autumn, she might speak at a conference in Finland on Contemporary Views on Business. Last but not least, The Studios will be having the yearly Design for Persuasion Conference in Kortrijk this year on 8-9 November, co-hosted as usual with BJ Fogg from Stanford University, with this year's focus being on preventative healthcare.

ZEO

A one-year study of ten Howest staff recently started at The Studios. It is a study made on the sleep-tracking device called ZEO, one of the major goals for the next eleven months is to increase the "ZQs" and change the sleep behavior for the better in order to change our lives – for the better!



Speed-dating at the Studios

Centre Co-ordinator
Christel De Maeyer
christel.de.maeyer@howest.be

www.howest.be

E-CLIC Norfolk

The UK's E-CLIC centre, located at the EPIC Studios in Norwich Norfolk, continues to build on it's recent success. The TV studio complex has seen improvements made to both of its small studios.

Studio 3

Studio 3 now has a new set incorporating a large rear projected screen. The studio is used for small magazine shows and experience days and hosts informative training lectures by doctors for distribution over the internet as a remote learning tool for others.



Studio 4

Studio 4 has been transformed into a 50 seater conference theatre with all of the functionality of a television studio. This enables the recording of audio and video at professional quality for either live stream or video on demand. This space is already being used by local universities for lectures and is the host venue for a regular event supporting the Creative Digital sector in Norwich. Hot Source Norwich brings together likeminded organisations and individuals to share knowledge through short presenta-

tions and face-to-face networking. The events have been a great success. Studio 4 is available to anyone seeking to host an event or studio production and supports the inclusion of an international audience via the internet.



Studio E

Studio E, the largest studio within the complex, has seen a number of productions and conference events over recent months. The space is best suited to light entertainment and panel shows. Live music shows streamed to the internet are planned for the coming months. This is an exciting proposition for most bands looking for international exposure from the comfort of their own city. We will of course welcome bands from every corner of the North Sea region.

ISDN Audio Services

Facilities at EPIC have been bolstered by the inclusion of ISDN audio services. This has recently enabled local celebrity voices to be recorded down the line to Singapore. Having these services available in Norfolk means that celebrities will no longer

need to travel to London to deliver their recordings.

EPIC Tenants

The EPIC complex has seen the introduction of new tenants to the centre since our last update. All of the EPIC tenants work in the Creative Digital sector and are successful in their own right. Services offered range from video production to web design to application development to mentoring of business start-ups. It's an exciting place to be.

EPIC and Education

On the educational front, EPIC continues to host the full time Film and Moving Image Production degree course run by Norwich University College of the Arts (NUCA) and sees a Masters module in Practical Media delivered by the University of East Anglia. The centre also runs a series of Student Conventions aimed at preparing students for a future in the Creative Digital sector.



 **Norfolk** County Council

EPIC
www.epic-tv.com

Centre Co-ordinator

Jamie Warren

jamie.warren@epic-tv.com

www.norfolk.gov.uk

www.epic-tv.com

E-CLIC Rogaland

The E-CLIC centre in Rogaland continues the work started in 2009. The work in WP3 and WP4 on developing e-learning applications continues. This is both for flexible education of nurses and other applications. The work is based on the dynamic application of Adobe Flash and podcasting. We have had several cases published at Apple iTunes University, and from the campus several courses are directly transmitted to the Internet.



A Framework for E-Learning

E-learning

UiS has, within WP2, developed models for e-learning and transnational development work which was further developed at the meeting in Wilhelmshaven in January 2011. In addition, UiS have established a parallel independent project funded by the Nordic Fond, collaborative Living Labs: www.coll-livinglab.org.

COMADEM 2011

In May 2011, UiS will host the COMADEM 2011 conference www.comadem2011.org and in late September the APMS 2011 conference www.apms-conference.org. This involves a lot of preparation work. Both conferences are expecting 300 attendees from more than 30 countries.

iPark

iPark is focussing on developing its incubator companies and to become a national centre of expertise. As part of this and WP5 work, a lot of effort has been put into establishing a very high CLOUD computing at iPark.

RKK

RKK is working with providing vocational training national and international. A decision, to transfer the RKK remaining budget to UiS, has been taken. By doing that the funds can easier come in use.

Norwegian Venture Cup 2010

The Norwegian Venture Cup, where most colleges and Universities in Norway participate had its final contest event at Stavanger University. E-CLIC, with professor Jan Frick was in the jury together with six other people representing Statoil, Innovation Norway, the engineering organization Tekna, the

employers' organization NHO and innovation consultants. Six business plans were evaluated, all of them had won a regional contest as best plan for starting a new company with a good documented potential for growth. Their idea was a revolutionary way to simplify the cleaning of net and equipment for fish-farming.

Entrepreneurship in Spring 2011

Six bachelor student are writing business plans for possible start-up of their own company at UiS, and eight master's students are following the Gründer school at UiS. The last one is focussing on business plan writing and is a collaboration with the University of Oslo. This includes staying abroad for six months working in companies. Previous years have seen students sent to companies in Boston, Los Angeles, San Francisco, Seattle, Tokyo, Singapore etc.

Future Plans

Apart from E-CLIC Rogaland, UiS also hosts a centre for student entrepreneurship, which includes a centre for innovation. The latter is working with innovation and entrepreneurial processes. Recently discussions have been held on how to coordinate and possibly merge these activities. One of the issues for such discussion is the recent E-CLIC Baltic application, another one the APMS 2011 conference.



The team from Kristiansund, winner of Venture Cup 2010



University of
Stavanger



Centre Co-ordinator

Jan Frick
jan.frick@uis.no

www.uis.no
www.ipark.no

E-CLIC Hannover Case Study

The Internet use of elderly people in Germany has increased considerably in recent years. This is the background of a case study investigating the actual situation of use, user behaviour and the measurement of user satisfaction with a senior advisory portal.

The portal was launched by the government of the City of Hannover. The measurements are thus both usability and user experience of the website. As the web portal aimed at different target groups, two relevant groups were selected: Senior citizens of Hannover (60 years and older) and persons, looking for information to their relatives (40 to 59 years old).

The website was directly subjected to a test by 30 people. From this, conclusions were drawn to develop improvements to the website, like clarity and ease of use.

The study showed that the overall concept of the site is positive and the amount of information is remarkable. In the actual use, a number of problems have been found that should be optimized in a revision of the website. The case study was accomplished by Prof. Dr. Wiebke Möhring.

Read more on www.e-clic.eu

E-CLIC Newsletter

This newsletter will be published twice a year.

Editor:

Catrin Hasewinkel
catrin.hasewinkel@lansstyrelsen.se
Phone: + 46 54 19 71 16

Responsible publisher:

Katarina Nordmark
katarina.nordmark@lansstyrelsen.se
Phone: + 46 54 19 70 52

Address:

County Administrative Board
of Värmland
SE-651 86 Karlstad
varmland@lansstyrelsen.se

www.e-clic.eu



The Interreg IVB
North Sea Region
Programme



E-CLIC Värmland/Wilhelmshaven Test of New VoIP Solution

Secure VoIP (SecVoIP) – an IP telephony solution from Jade Hochschule in Wilhelmshaven – will be tested in Compare Testlab, with supplementary support from Compare companies.

The German SecVoIP project, run by The Laboratory for Communication Networks & Transmission Technologies at Jade Hochschule, aims to develop a telephony server that makes it possible to phone securely through the Internet (VoIP) without a chance for eavesdroppers.

Kai-Christian Struss and Benjamin Zerrath from Jade Hochschule visited Compare Testlab in February 2011 to prepare and define the scope of the tests. During the visit to Karlstad they also lead a workshop on VoIP for some 20 students and teachers at Karlstad University.



Benjamin Zerrath



Kai-Christian Struss

New Project Leader Sture Retires

Katarina Nordmark has taken over the roll as project leader, after Sture Hermansson, who has retired.

Sture Hermansson has been working for the County Administrative Board of Värmland since 1979. Sture is widely well known for his persistent international work. We thank Sture for all his efforts and wish him all the best for his future adventures. Sture is still a busy man, the Ministry of Foreign Affairs of Hungary has appointed Sture to become Hungary's new Honorary Consul in Karlstad, Sweden.



Sture Hermansson and Katarina Nordmark

Henrik Emilsson and Malin Hedman on the Compare-company Qamcom Research & Technology attended the meeting on the SecVoIP project. They will now develop a proposal on how the tests can be carried out, and also take part in developing forms of cooperation in this type of project assignments.

E-CLIC Värmland is working with mobile communications and through Compare Testlab, responsible for testing and quality assurance of new broadband and video services. E-CLIC Wilhelmshaven has had its main focus on content production, service development and infrastructure.

–Through the E-CLIC project we have been able to establish valuable international contacts and we are now able to provide a commercial mission to Compare companies, explains Mikael Lundström, project manager Compare.

E-CLIC Groningen Runners

E-CLIC Groningen went for a pro-motion jog.

In autumn 2010 E-CLIC Groningen participated with an E-CLIC-team in a running race to promote their activities. More than 15,000 runners participated and more than 50,000 spectators were present and encouraged the runners. The exposure of E-CLIC was very successful.



Team E-CLIC Groningen

Investing in the future by working together for a sustainable and competitive region