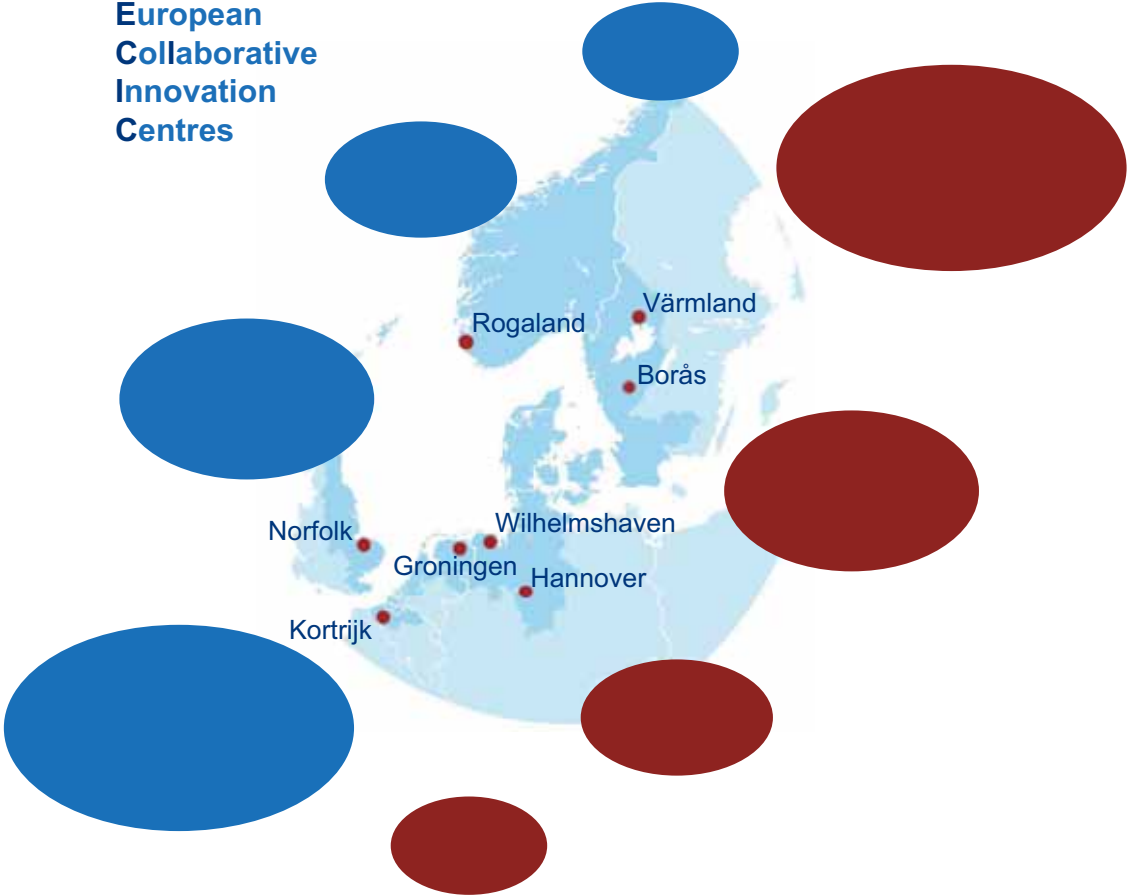


A connected ring of
European
Collaborative
Innovation
Centres



This is E-CLIC

E-CLIC aims to build on the acknowledged strengths of the NSR and create opportunities to stimulate SMEs, research institutions and public administrations to work together transnationally. Through collaboration and knowledge exchange, E-CLIC also aims to generate human capital for the NSR.

Main Objective

The main objective of the project is to build a strong NSR cluster in the area of broadband services, media technology, broadband systems, usability and testing. Important - while doing so - is to maintain a balance between competencies, industry and academia.

Duration

The project has a duration from September 2008 until August 2011.

E-CLIC Partners

The consortium brings together 16 partners from six member states. E-CLIC combines a unique set of partner skills.

Work Packages Within E-CLIC

WP1 - Project Management & Dissemination

WP2 - Regional & Transnational Collaboration & Development

WP3 - Services Development

WP4 - Content Production

WP5 - Broadband access

WP6 - Evaluation, Validation & Exploitation

E-CLIC Centres

E-CLIC has established eight European collaborative innovation centres. The eight centres will be presented on the following pages. Enjoy the trip around the connected ring of European Collaborative Innovation Centres.



Lead Partner

County Administrative Board
of Värmland

Project Leader

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E-CLIC Värmland

E-CLIC Värmland promotes innovation by running innovative and business driven research and development projects. Our main focus within the centre is on mobile media services, broadband infrastructure for new media services and service development, and enhanced methods and processes for quality assurance. Performance, security and usability aspects play a central role in many of the projects.

Main focus areas

- Mobile media systems and services
- Test and quality assurance

LivingLab

E-CLIC Värmland offers a LivingLab with advanced wireless broadband networking technology. Located at Karlstad University, it provides a physical environment where people can be involved in tests of new prototypes in a natural working environment. The LivingLab is complemented by test lab facilities at Compare Testlab where new

services and products can be tested prior to commercial deployment. Projects within E-CLIC Värmland are initiated by researchers, students, industry partners, entrepreneurs or other actors with innovative ideas. The projects are often run jointly between multiple parties based on need of competence and interests.

Work Package Projects

- KauMesh living lab
- Case studies on mesh networks
- Case studies on SCTP
- KauNet, network emulation
- DISE, definition of security evaluation
- TRACS, test management system
- Test and quality assurance of services

To foster innovation and knowledge exchange, the centre was formed based on the triple-helix approach including Karlstad University, Compare and the County Administrative Board of Värmland.



Compare
COMPETENCE AREA ICT



Centre Co-ordinator

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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.



UNIVERSITY OF BORÅS
SCIENCE FOR THE PROFESSIONS

 **Ladokenheten**

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E-CLIC Hannover

E-CLIC Hannover has founded the LivingLab *planet MID*. Hard work has been put into the implementation of the Competence Centre for media, information and design as part of the University of Applied Sciences and Arts Hannover.

The Future of Media

The E-CLIC Hannover centre stands for thinking and rethinking, changes and opportunities of the digital revolution concerning the future of media. The main objectives are: A creative environment with project oriented collaborations of students, start-ups and local companies. The innovative research and development of this incubator will be a stimulus for the market and medium-sized companies. Education, research and development for the media world of tomorrow are the key areas the centre is focusing on.

Areas of Expertise

The LivingLab offers the technical facilities of a multifunctional utilization for

education, events, discussion panels and video conferences (Prof. Martin Traub).

Usability laboratory for empirical researches via a state-of-the-art eye tracking system – Analysis of utilisation of media content on desktop, smartphone and Tablet PC:

Optimisation of front pages of the Ostfriesen-Zeitung based on eye tracking results (Prof. Stefan Heijnk)

Web 2.0 in the context of medicine: Usability study of health related web portals (Prof. Dr. Uwe Sander)

New Media Prototyping for innovation video publishing: "Human Centered Visualization" (Dipl.-Ing. Bernhard Többen)

Prototype development: Virtual Reality for collaboration and E-Learning (Prof. Dr. Thomas J. Schult)

 Fachhochschule Hannover
University of Applied Sciences and Arts

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E-CLIC Wilhelmshaven

The E-CLIC Centre in Wilhelmshaven focuses on several E-CLIC topics:

- Content Production
- Service development
- Infrastructural enhancement.

Second Life

The centre has a project part that deals with the possibilities of Second Life and other comparable platforms.

eGovernment

Another part of the project is developing an eGovernment solution for one of the departments in the university, using broadband access possibilities.

Aeronautics

A third part of the project concerns usage of broadband access for identification purposes in aeronautics.

In several components of the project, we strive to enhance the regional accessibility of broadband for local residents and companies.

Destination Management

Last but not least, E-CLIC Wilhelmshaven also has a project component about destination management, which focuses on new possibilities regarding services for business and pleasure tourists.

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E-CLIC Groningen

The partners of E-CLIC Groningen are the University of Groningen, Faculty of Economics and Business, the Hanze University of Applied Sciences, school of computer science, and Groningen Internet Exchange. E-CLIC Groningen closely co-operates with business companies, health care and educational institutions and the regional and local municipalities.

E-services

One example of E-CLIC activities is the development of business processes to create better services for the citizens of the region North Netherlands. Health care organizations, local and regional authorities, banks, the tax office and the library will offer customer friendly and easy to use e-services.

Wireless Groningen

Another example of activity is *Wireless Groningen*. Groningen is currently work-

ing on a wireless broadband network throughout the whole city which will enable citizens to work with their mobile devices from every spot in the city. Within E-CLIC, students and teachers from Karlstad University, Sweden and from the University of Applied Sciences Wilhelmshaven, Germany, co-operate with their Groningen colleagues on further research and the development of wireless city networks.

Transnational Co-operation

E-CLIC Groningen is leader of WP 3 *Development of E-Services* and enables students to co-operate internationally with universities and businesses all over Europe. Student and teacher exchange with the clear aim of discussing ideas in a creative environment and developing and testing new ICT products and services is the spearhead of E-CLIC Groningen.



university of
 groningen

faculty of economics
 and business



Hanze University Groningen
 APPLIED SCIENCES



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E-CLIC Kortrijk

The Studios is a business accelerator within the Howest campus in Kortrijk, Belgium. Its goal is to support and encourage creative and motivated starters by offering them a great environment to make the most of their work in.

What's at The Studios?

The accelerator offers a fully-equipped, dynamic setting with offices, meeting rooms, seminar space, brainstorming gardens, parking areas, a lively kitchen and even a basketball court.

Who's at The Studios?

Creative minds from the fields of industrial product design, new media and communication technology and digital arts and entertainment are all welcome here. All you need is your computer, materials, motivation and bright ideas.

Where's at The Studios?

Graaf Karel de Goedelaan 38, just across the street from the Howest

campus. The Studios is close to a the centre of Kortrijk, a train station and motorways that easily take you to Ghent, Brussels, Antwerp, Amsterdam, London, Paris...

Why The Studios

You'll find a creative mix of innovative people eager to build successful companies. That fresh energy and diversity can only lead to great synergy! With Howest as a neighbor, there are loads of resources, knowledge and facilities, including a library and a cafeteria.

There is More!

The Studios is available for outside companies and organizations to use for small meetings and seminars at reasonable prices. Monthly info sessions, debates, panel discussions, presentations, events and activities will be open to the public.



E-CLIC Norfolk

The EPIC Innovation Hub and TV Studio complex located in Norwich, Norfolk is home to the UK's E-CLIC Centre. The facility, which is owned and run by Norfolk County Council, is a centre for the development of new and innovative digital ICT, broadband and media services. It is also home to a number of education and training courses; making state-of-the-art High Definition broadcast production facilities available to all. In addition, the centre provides incubation space to a number of new innovative digital ICT companies, with a view to supporting exciting collaborative projects.

Facilities

- HD Studio Production & Post Production
- IP-TV Streaming, Hosting & Scheduling
- Surround Sound Audio Production
- Programme Format Development

- DVD Authoring
- Online Media/New Media Platform
- Virtual Studio
- Speech Technologies
- Social Networking Software
- Graphic design
- Conferencing and Workshop Facilities
- Tenanted Incubation Space

Specific Activities

- Television Programme & Format Development for EU Markets
- Transnational Productions
- Regional Conferences & International Master Classes
- IP-TV Techniques and Platforms
- High Definition & Blue-Screen Production Techniques
- Digital Archives
- Living Lab
- Teaching Tomorrow's Talent



Norfolk County Council

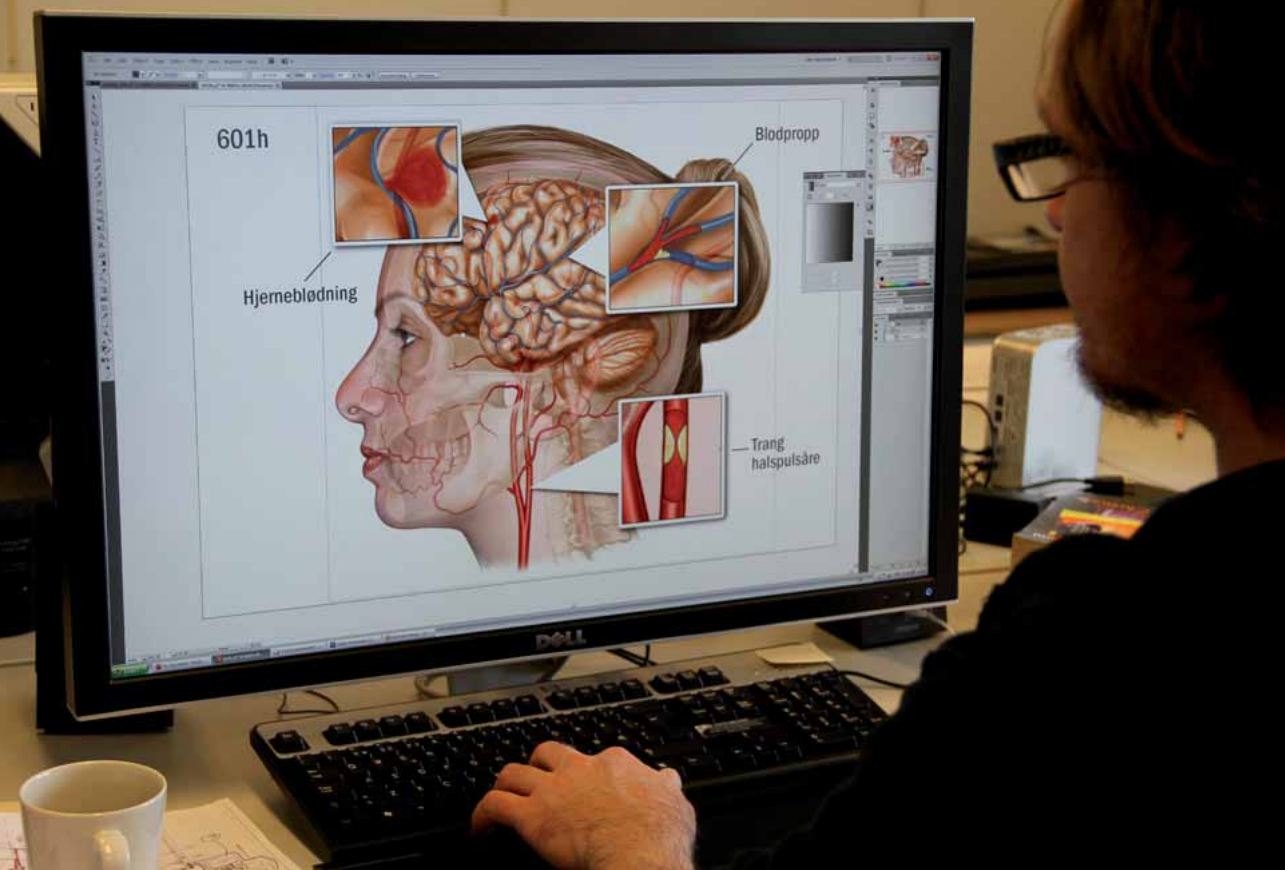
Centre Co-ordinator

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E-CLIC Rogaland

E-CLIC Rogaland started by establishing an office for the activities and then the centre arranged the E-CLIC Entrepreneurship week. After that the main focus has been on investigating new broadband technologies.

Main Focus

The main focus includes:

- *Interactive PDF* where flash technology is embedded into Adobe PDF files
This makes it possible to include animation etc. in ordinary PDF documents.
- Study of distribution possibilities on *iTunes University* and other distribution platforms. This includes tests of podcasting in e-learning.
- *Webcast system* to enable lecture caption in classroom that integrates video of teacher and PowerPoints.
- *Archiving old media material* where media productions and clips from the last century are archived for easy reuse by researcher all over the world.
- Development of complete Bachelor studies

- for nurse education by utilising new media.
- Development of the utilisation of television production to distribute research result presentations and research stand-up presentations. This is done low cost on the spot, and later shown on Norwegian national television, NRK, and distributed on iTunes University.

Upcoming Focus

The upcoming focus of E-CLIC Rogaland for 2010-2011 is to merge into entrepreneurship. This includes the establishment of a revised education structure, a house on campus dedicated to entrepreneurship students and related presentations. This also includes agreements with the new MAGMA geopark (UNESCO approved) where students develop plans and productions. The geopark needs new infrastructure, e-learning setup, presentations, etc. Students, when placed at MAGMA, will communicate with University/ E-CLIC, the Student Entrepreneurship House, etc.



ROGALAND TRAINING & EDUCATION CENTRE



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Wilhelmshaven Oldenburg Elsfleth

 **Fachhochschule Hannover**
University of Applied Sciences and Arts

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and business



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howest
De Hogeschool West-Vlaanderen
Lid van de Associatie Universiteit Gent



Norfolk County Council



University of
Stavanger

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INNOVATION PARK
STAVANGER



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

The Interreg IVB
North Sea Region
Programme

