



Electronics Centre in Halmstad

– A Swedish Innovation Arena



50 billion connected electronics units

- Halmstad is part of the digital revolution

Almost everything around us is electronics and the growth potential within the field is huge – it is estimated that the development of the “Internet of Things” means that there will be over 50 billion connected electronics units globally in 2020. Electronics Centre in Halmstad (ECH) is an innovation arena created by Halmstad University in collaboration with regional companies. ECH provides a substantial added value and competitive advantages for Swedish industry.

Electronics Centre in Halmstad (ECH) offers resources like an electronic laboratory and EMC test facilities. ECH is a venue with well-developed laboratory environments for innovation, education and research in the field of electronics. The research focuses on embedded systems and hardware for Internet of Things (IoT) with special emphasis on:

- Future building practice
- Low power design
- Remote sensing
- System integration
- Electromagnetic compatibility (EMC)

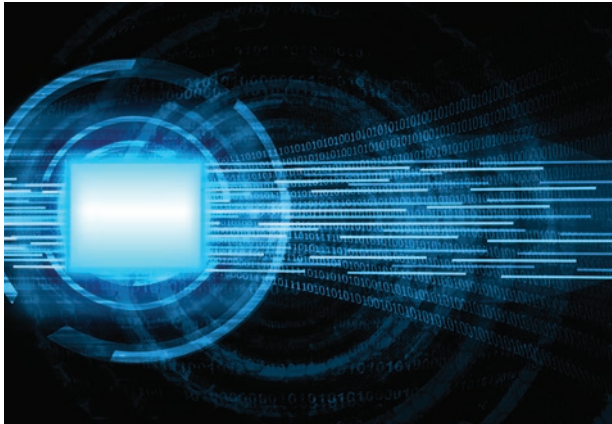
EMC test facility for faster development

All electronics has to be tested and certified – but in Sweden external test facilities are few and the queues are long. The two new measuring chambers at Electronics Centre in Halmstad may save months of development time for companies in the region who may test their products on the spot in Halmstad.



ed units in 2020

development



“The exchange of experiences with the University and other companies contribute to enhanced expertise within EMC and a faster development and innovation process.”
Tomas Eriksson, Development Manager, NIBE Energy Systems

“Since we are a development company of industrial data communication, we need to continuously measure and certify our products. [...] We see great advantages in the collaboration between companies, the University and their students.”
Johan Häggström, Product Solution Manager, HMS Industrial Networks AB

“Already today we feel that the cooperation with Electronics Centre in Halmstad is making our innovation process faster.”
Johan Karlsson, CEO, and Henrik Johansson, CTO, AES Nordic AB

“The opportunity to collaborate with the industry is unique and vital for researchers involved in the projects. It will contribute in making ECH an important innovation arena in the region.”
Urban Bilstrup, Project Manager for ECH and Lecturer at the School of Information Technology, Halmstad University



“We will go far. **How far would you like to reach?”**”

Urban Bilstrup, Project Manager for ECH.



Use us! For testing and measuring your prototypes. As a sounding board for your ideas and development of your products. For the production of specific facts, studies etc.

Networking! Do you want the latest news about electronics in the region when it comes to innovation, lectures, talks and new advice? Get in touch with us!

Become a partner: as a main partner or partner you will be an active part in ECH activities. You will have the opportunity to influence our research and get help with product development projects.

More information: www.hh.se/english/ech

Would you like to know more? Contact: Stella Erlandsson, coordinator. +46 35 16 73 89, stella.erlandsson@hh.se.

Collaboration for the future of electronics

Electronics Centre in Halmstad has been created by Halmstad University in collaboration with regional industry and the network "For the electronics of the future in Halmstad".

Main partners: AES Nordic AB, Harry Sjögren AB, HMS Industrial Networks AB and NIBE Energy Systems.

Partners: 3M, Anritsu, Armeka AB, Artektron AB, Celsicom AB, Comfort Audio AB, Etteplan AB, Free2move AB, Getinge Sterilization AB, Gutec AB, J&D Assisting Systems AB, Lansen Systems AB, Mobile Integrator AB, MPQ Consulting AB, Neat Electronics, Phoniro Systems AB, Propoint AB, Rohde & Schwarz, Saab AB, Sensor Communications Sweden AB, Structab AB, Swedish Adrenaline AB and Triacon Scientific AB.

In the network: Halmstad University, SP Technical Research Institute of Sweden, The Swedish Electronics Trade Association, Halmstad Electronics Association, Science Park Halmstad AB, Region Halland, The municipality of Halmstad and Halmstads Näringslivs AB.



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