



City of Lund

Future by Lund – Innovation for tomorrow’s sustainable cities

Future by Lund is an innovation culture where society, academia and industry come together to solve global challenges with products and services for future sustainable cities. Future by Lund connects actors and stakeholders in an open innovation process. Future by Lund operates in Lund, a creative, fun environment for testing and evaluating smart sustainable innovations, such as investment and construction projects. Future by Lund is one of four Swedish innovation platforms for sustainable cities granted funding by Vinnova - for 2013 Lund innovation platform received just over 9.5 million SEK in grants.

In the coming years, the Northeast Lund Knowledge corridor and Brunnsbögen will become a regional and international arena for innovative sustainable urban development and for pilot testing in live situations. Lund takes on a greater role as an international location for development and innovation for the global knowledge economy. While the city is small it has the advantage of being close to everything and everyone.

Future by Lund will become a motor in Region Skåne’s new focus on innovation for smart sustainable cities, as seen through a new international innovation strategy with smart sustainable cities as a pilot area. Together we increase Skåne’s attractiveness for both talent and international capital.

Lund is a city of youth, humour and a pleasant atmosphere. Lund is the perfect hotbed for a culture of innovation.

Is your organization looking for innovative, sustainable solutions?

Future by Lund is for people who want to solve a need for a product or service in a more innovative, faster, easier and more sustainable way than is currently offered. Your organization wants to participate in shaping tomorrow’s cities. You are prepared to invest in innovative and sustainable products and services. You are happy to participate in the early stages, such as test arenas.

We offer you a partnership where we jointly identify the challenges your organization faces in our focus areas, and formulate concrete needs. Using open innovation processes, test-bed activities and matching against platform contacts for research and development, we find innovative solutions you can implement in your organization.

Thanks to our collaboration with the University of Lund, Ideon, Sustainable Business Hub and others, we reach many actors of all sizes who can become partners and suppliers.



The concrete target for Future by Lund is to introduce one innovation per focus area in the city by summer 2015. The focus areas Future by Lund has primarily chosen to work with are all characterized by a high innovation potential and importance for the design of tomorrow's sustainable cities. They are:

Mobility

Lund is one of the leading Swedish cities in the field of sustainable mobility. The municipality is developing a well-planned system for public transport combined with excellent conditions for walking and cycling. Lund University has broad interdisciplinary expertise in the field. With K2, the new national research centre for public transport located in Lund, the city has the potential to become the world leader in mobility.

Smart energy systems

During the coming years, Northeast Lund will be home to two world-class research facilities, ESS and MAX IV. It will also build a completely new neighbourhood with all its facilities. These research centres will generate large amounts of waste heat, an energy resource with huge potential for development. The challenge gives rise to new innovative services, products and business applications that can be developed at the interface between building technology and energy solutions.

Light and lighting

Research and development related to light and lighting is undergoing a profound change. Many people today work with more energy efficient lighting, but research from Lund is ushering in a whole new understanding of how light is perceived by humans and affects our well-being. Researchers are also developing new lighting technologies, using new materials and nanotechnology. The challenge is to integrate energy efficiency with an attractive design and lighting for people's welfare. Tests of new lighting systems are being held in Lund to create better learning environments in schools and at the university; and promote health in elderly care. Outdoor lighting is another important factor contributing to attractiveness and security in urban development.

Internet of Things (Iot)

Internet of Things is a broad concept that includes everything from hardware and software to health, fashion, wearable devices and design. IoT is a global system of connected people, physical objects and IT systems, supported by scalable and affordable technologies. Broadband Internet is become more widely available, the cost of connecting is decreasing, more devices are being created with wifi capabilities and sensors built into them and technology costs are going down. All of these things are creating a "perfect storm" for the IoT.

At Ideon Science Park in Lund, the innovative and International conference IoT Conf has been very successful. In the region of Skåne the first IoT and Wearable hackathon were launched for the first time in Sweden.