



RENEWABLE
ENERGY



FROM WASTELAND TO
THE AWARD-WINNING
SUSTAINABLE
ENVIRONMENT

CLEAN URBAN
MOBILITY



DESIGN-DRIVEN
GREEN INNOVATION

GREEN CITIES OF TOMORROW

May 5, 2015



Green Cities of Tomorrow

Inauguration of the Urban Demonstration and Testing Site
for Renewable Energy Technologies

May 5, 2015

Background

At the 1964 New York World's Fair, General Motors presented a utopian vision of what the world would be like 60 years in the future, known as Futurama II. GM predicted a metropolis replete with fossil fuel-powered modes of transportation that would take humans wherever they desired to go: to the Arctic, into the deep oceans and to space. Smiling families would rumble down pristine superhighways while friendly robots would clear rainforest with laser beams. With fossil fuels, new technology, and unbridled human spirit, the city of the future would know no bounds.

Thankfully, our notion of what a city of tomorrow can be has changed since 1964. Sustainable buildings, renewable energy, smart waste management, fossil-free urban mobility, green roofs – all of these concepts are utilised more and more often for the development of contemporary cities. Our future will continue to be urban, with more than 80 per cent of Europeans living in cities by 2025 and if mankind intends to survive on the Earth, our cities must be environmentally sustainable.

According to UN Secretary-General Ban Ki-moon: "We are the last generation that can fight climate change. We have a duty to act" while Sir Richard Branson reminds us that "there is no Planet B".

Our event "Green Cities of Tomorrow" aims to bring together decision-makers and stakeholders across a wide range of sustainable responsibilities and technologies applied in urban environments.

We chose the Västra Hamnen district in Malmö as the venue for a number of reasons:

- Västra Hamnen has a 15 year history of sustainable development, during which an industrial neighbourhood in decline has been transformed into an attractive residential area known for its high environmental standards.
- Malmö has received a multitude of awards for urban sustainability, including UN-HABITAT (2010), first prize in the European Commission's RegioStars (2012), multiple local awards as "The Most Environmentally Friendly Municipality of the Year" (2014, 2013, 2011, 2010) and the "Electric car City of the Year" (2013) in Sweden. In 2012, Green Uptown Magazine listed Malmö as the third greenest city in the world.
- Malmö is a global city. Malmö is ranked 5th in Scandinavia by the Global Cities Index in 2012
- Malmö is situated in the most densely populated region in Scandinavia. Together with Copenhagen, Malmö constitutes the transnational Øresund Region, the most densely populated area in Scandinavia.
- Malmö is one of the most inventive cities in the world. It is ranked the fourth most inventive city in the world based on the number of patent applications per 10 000 residents.
- Västra Hamnen in Malmö is InnoVentum's home base.

For those of you who are not familiar with Malmö's Västra Hamnen we offer a tour around this district by Malmö Municipality representatives, see details on our webpage: www.innoventum.se/gct

Event Description

At 14:00 on the 5th of May 2015 we would like to welcome you to [The InnoVentum Demonstration and Test Site for Renewable Energy Technologies](#) situated at the Americas Cup Harbour in Västra Hamnen (see the last page for venue details).

The event will start with a short introduction speech and ribbon cutting at the [Giraffe 2.0 hybrid wind-solar power station and EV charger](#) by InnoVentum's CEO and Founder Dr. Sigvald Harryson. The Giraffe 2.0 is a result of several years of development and collaboration between InnoVentum and European Research Centres such as National Institute of Wood Engineering (ENSTIB) in France and Lund University in Sweden. This is the first installation of the Giraffe 2.0 and the only such hybrid system due to receive SP Technical Institute of Sweden certification mark. The project is financially assisted by the National Energy Agency of Sweden (Energimyndigheten). Please read more about the Giraffe 2.0 system on our website www.innoventum.se



After the introduction, the word will be given to our keynote speakers:

[Katarina Pelin – the person behind Malmö's successes in sustainability 2008-2012](#) (confirmed)

In 2008-2012 Katarina was one of fifteen members in the Swedish Delegation for Sustainable cities, appointed by the Swedish government. She is a member of the Board for several organizations among others Sustainable Business Hub, Sweden Green Building Council and Resilient Cities International. During Katarina's time as Director of Environment at the City of Malmö, the city received several prestigious awards for its ambitious sustainability efforts – some of which were listed above.

[Ilmar Reepalu – the man who transformed Malmö into a Global City](#) (Sigvald Harryson will read his address)

During his term as chairman of the municipal board of Malmö (1994 – 2013), Ilmar Reepalu was consistently lauded as instrumental in the transformation of Malmö from an industrial town in decline towards being a centre of knowledge, modern architecture, culture and green technology. Architectural projects that he helped to bring into existence during his mayoralty include the Øresund Bridge (completed in 2000), Bo01 (completed in 2001), the Turning Torso building (completed in 2005) and the City Tunnel (completed in 2010).

More details will follow, please keep up to date by checking our webpage: www.innoventum.se/gct

After the speeches we would like to [demonstrate the charging function of the Giraffe 2.0](#).

[At 15:00 a panel discussion will commence](#) engaging our distinguished guests and keynote speakers in a conversation about “[Green Cities of Tomorrow](#)”, in particular:

- We would like to hear the panel's thoughts about green targets set for the whole region/city versus localised developments that are uniquely defined for each city district – what proves to be more effective – Centralised versus decentralised approaches to green targets?
- How do green targets affect sustainable growth?
- EV charging infrastructure: the needs, prospects, measures taken and to be adopted in the future. Where will we see the nodes of the modern EV infrastructure?
- Renewable energy projects for urban environment: experience, targets, and vectors of development. How far can we go green? The “Triple Green Roof” solution combining biodiverse green roofs, solar panels and wooden support frames will be shown at the venue itself.

Participants in the panel discussion will include representatives from Sweden, the UK, Denmark, including the above mentioned keynote speakers, representatives of the relevant interest organisations, municipalities and diplomatic missions. The list of participants will be published closer to the date on www.innoventum.se/gct

[The panel discussion will end at 16:30](#), after which everyone can enjoy [InnoVentum's Birthday Cake](#) prepared on the occasion of our 5th birthday.

Event Information in Brief

Date: May 5, 2015

Time schedule:

- 12:00 – 14:00 Västra Hamnen guided tour (optional, requires registration at info@innoventum.se)
- 14:00 – 15:00 Inauguration of the InnoVentum Urban Demonstration and Testing Site for Renewable Energy Technologie
- 15:00 – 16:30 Panel Discussion
- 16:30 – 18:00 Mingle and Networking (while enjoying the InnoVentum Birthday Cake)

Venue:

The InnoVentum Demonstration and Test Site for Renewable Energy Technologies situated at the Americas Cup Harbour in Västra Hamnen.

Nearest address: Östra Varvsgatan 25, 211 19 Malmö

Nearest bus station: Malmö Fullriggaren (buses #5, #2)



Up to date information about the event: www.innoventum.se/gct

Inquiries: info@innoventum.se

More about InnoVentum: www.innoventum.se

