

SMARTCITIES

24-25th October 2017, Stockholmsmässan, Stockholm

Event Overview



The Conference of Today for a Smarter Tomorrow

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SMARTCITIES

Gathering leading experts and project leaders from cities across Europe and the Middle East, creating the perfect environment to inspire smart city development through idea sharing.

Nordic Smart Cities is about embracing challenges and innovative solutions in the smart and sustainable development of cities and municipalities. From Smart City Financing to Citizen Engagement, Smart Cities Live will bring into foreground 8 key themes that every city or municipality should take into consideration when planning for the future: Financing, Strategy, Standardisation, Transportation, Renewable Energy, Digital City, Planning & Citizen Engagement.

Features #NSC17

- Keynote Presentations
- Case Studies
- Panel Discussions
- Invite The Experts
- Regional Showcases
- Smart City Research Lab
- Interactive Expo
- Outside of the Box Presentation
- Nordic Mayoral Panel

Backed by the experience of other innovative smart cities events and publications:

SMARTCITIES

The International Smart Cities conference

SMARTCITIES

The Central Eastern European Smart Cities event

cities digest

The Latest News in City Development

Topics 2017



Renewable Energy

The next few decades will see a profound and all-encompassing energy transformation throughout the world. Whereas society now derives the great majority of its energy from fossil fuels, by the end of the century we will depend primarily on renewable sources like solar, wind, biomass, and geothermal power.



Digital City

The concept of Digital City is to build an arena in which people in regional communities can interact and share knowledge, experiences, and mutual interests. Digital City integrates urban information (both achievable and real time) and create public spaces in the Internet for people living/visiting the city.



Smart City Financing

Having great ideas to create a smart city isn't enough if budget dollars don't add up. One of the biggest concerns for city leaders is finding financing for smart technology. Sometimes it's not possible to reallocate existing city funds for a new project, and going through traditional steps for municipal bonds can take months or years.



Construction & Planning

Planning, also called urban planning or city and regional planning, is a dynamic profession that works to improve the welfare of people and their communities by creating more convenient, equitable, healthful, efficient, and attractive places for present and future generations.



Standardisation

A Smart City integrates physical, digital and human systems to deliver a sustainable, prosperous and inclusive future for its citizens. However, technological complexity, as well as the complexity of the various sectorial services involved within a Smart City, require a system approach to standardisation.



Smart City Strategy

Smart City Strategy takes a holistic view of the various projects being developed throughout the city and uses technology as a transversal tool to manage the city's resources and services in a more efficient way. In doing so, it guarantees sustainable social, economic and urban development with the ultimate goal of improving the quality of life of the citizens.



Transportation & Mobility

With increasing mobility demand and evolving mobility needs as well as increasing ecosystem complexity, the reform of urban mobility systems is one of the key of smart city development. Meanwhile, mobility needs are evolving all over the world. People's travel habits are changing, as is the mix of transport. modes and services offered to them.



Citizen Engagement

Often a City will begin their Smart City Initiatives with large infrastructure projects such as smart lighting, smart water meters, security, etc. but many of these programs have no direct influence on local citizens, visitors or help local businesses. Directly engaging citizens with information programs and helping local businesses to grow through smart programs have shown to have positive impacts.



Blockchain Applications

Blockchain technology is increasingly being utilised for so many disparate aspects of the world around us, we could be forgiven at times for thinking that it is taking over. From the financial industry to insurance, the art world to clothing, in every industry research into the application of blockchain technology is being carried out.



Frans-Anton Vermast
Senior Adviser

Amsterdam Smart City

We connect smart city innovators to help set-up innovative projects and solutions in Amsterdam and beyond

Amsterdam Smart City (ASC) is your innovation platform for a future proof city. ASC is constantly challenging businesses, residents, the municipality and knowledge institutions to test innovative ideas & solutions for urban issues. This contributes to the liveability of the Amsterdam Metropolitan Area, promotes sustainable economic growth and helps develop new markets. ASC believes in a liveable city where people can live and work pleasantly. We are active in six different themes in which we bring together different organisations to start innovative projects together.



Andreas Trisko
Head of Development

Smart Vienna

There already are numerous plans and programmes in Vienna that cover and address large individual areas, together with strategies at an international and national level; the next generation of these will in turn be influenced by the Smart City Wien strategy. The Smart City Wien strategy is intended to create a supportive and structured framework. The strategy of a smart city fits into the existing landscape of documents, campaigns and stakeholders. The role of Smart City Wien is to take up the most important national and European dynamics and translate them into action for the city. In contrast to the very detailed instructions contained in the planning documents of the city, here the broad lines are to be drawn up first, and they will become binding.



Diana Escobar Vicent
Project Director

Smart City Barcelona

Barcelona Laboratory (BCNLab) is a platform for the management of Creativity and Innovation Institute of Culture of Barcelona (# BCNInnovació) of the Institute of Culture of Barcelona to promote and establish connections between people or communities with creative ideas and projects implemented the world of technology, science, knowledge and culture in the city of Barcelona.



We work to shape the concept of a city laboratory: a dynamic and active city where universities and research centers in the world of business, government and citizens (the so-called quadruple helix) moving together.



Björn Hugosson
Head of Climate

Stockholm

The Swedish capital is planning and executing impressive policies across all sectors in order to move beyond carbon neutrality and reach the goal of producing zero CO2 emissions in the next 25 years.

In 2012, the City of Stockholm set the goal of becoming fossil fuel-free by 2050. Driven by ambitious leadership and actionable goals, in 2015, the city pushed the target date up by a decade, and now plans to run exclusively on renewable energy by 2040.



The comprehensive plan relies on overall energy reduction and an increase in renewable energy use. Similarly, the city aims to reduce energy use in the building sector by 50% between 1995 and 2050

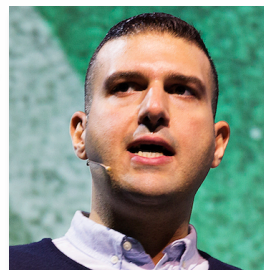
International bodies such as ISO & CEN are working nationally, regionally and globally to help create frameworks for smart and sustainable city development. Frameworks that allow for interoperability, repeatability and assure quality, but how do you create frameworks for smart and sustainable development that work, for example: in both Sub-Saharan Africa and in the Nordics?

Economic development, weather, population size, culture - there are many big differences between all cities, so the challenge is to create frameworks that work for all cities across the globe. Interested?

Well this is just one topic that will be up for discussion during the standardisation session at Nordic Smart Cities.



Speaker to be confirmed

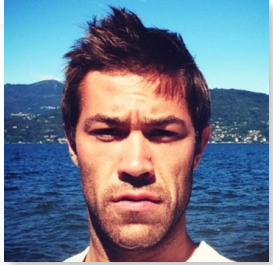


Sepehr Mousavi
Chair Sustainable Smart
Cities committee, SIS /
Sustainability Strategist



Antoine Morin
Technical Program
Manager





Eldar Tuzmukhamedov
Smart Lab Leader

Moscow

Moscow is expanding, changing, getting younger. We are looking toward the future, while respecting the past. We create projects and solutions that make people's lives safer and more comfortable, while also promoting competition, creating attractive conditions for doing business and opening up the market.

A smart city for smart people, who work, develop and move forward, together with the city. Smart solutions make it easier for city residents and authorities to communicate, creating a comfortable environment conducive to personal and career growth.



**CITY OF
MOSKOW**



Jenny Åström
Project Manager

Malmö

Malmö Innovation Arena is a collaboration between the public sector, business, voluntary sector and academia who are working to promote innovations in sustainable urban development.

Until 2019, Malmö Innovation Arena focus on testing and implementing innovations that sustainable and cost-effectively increase the number of homes in Malmö, particularly street from Östervärn via Rosengård, to Lindängen.



City of Malmö



Brian Benjamin
Smart City Leader

The Hague

The Hague assigns high priority to creating jobs. In 2015, ten percent of the city's residents were without a job, putting it in the top three Dutch cities as regards unemployment. The Hague has now started a smart-city programme to improve its competitiveness and its economy overall.

The programme combines a number of different technologies in the field of information and communication. That gives The Hague a better grip on the processes that operate within the city, with the aim of gearing all service provisions to what its residents actually need.



Den Haag



Hans Lindberg
Mayor

Smart City Umeå

Umeå is focus on an Innovation District that is situated immediately to the east of Umeå city centre, the University city area, which includes a mix of residential, academic and research facilities from two universities; a regional hospital; and community, recreational and commercial buildings.

Amongst the smart solutions implemented, the RUGGEDISED project will look at peak load variation management, shared use of energy and a smart, open- data city decision platform.



Eva Due
Head of Digitalisation

Municipality of Syddjurs

In Syddjurs municipality, innovation and development a major role in IT and Digitising. The bar has been set high and the goal is to continue to spearhead the development of new, intelligent solutions for business to focus on efficiency, future security and financial gain.

Syddjurs is focussing a lot of its efforts on the digitalisation of the tourism industry, over the summer months the population increases dramatically due to the number of summer houses in the municipality. The aim is to use technology to gain better insight into the impact that tourism has on the area.



Piia Rantala-Korhonen
Deputy Mayor

City of Oulu

The City of Oulu is a forerunner Smart City. It has been able to use this competitive advantage to develop new innovations, businesses and services for the benefit of the whole society. The Oulu's citizens have been playing a central role in the development work. The City of Oulu has the long tradition of cooperation between education and research institutes, companies, public sector as well as enthusiastic and innovative individuals.

Oulu engages as a partner in the 'Smart City and Renewable Industry' theme lead by Tampere. Oulu's area of responsibility in the 'Smart City' theme is future houses and spaces, where the built environment serves a development platform for near-zero energy solutions and infill development and renovation models.





Eva-Maria Gærtner
Smart City Leader

Gjesdal

Smart Gjesdal builds on an international Smart City concept. The concept is about developing a community so that there is economic growth, while the quality of life of citizens improves. Smart Gjesdal consists of six parts that are attached. To call a project "smart" we must use all the parts.

Work began with a concept for new Ålgård center. Ålgård should be green, urban, social, profitable and exciting for residents, businesses and visitors.



Johan Rosen
Project Leader

Uppsala

Our Green IoT platform provides a systematic solution that enables green and sustainable growth of the society. It supports innovations and applications for addressing societal challenges, such as smart transport, sustainable city, and efficient energy, in the Digital Agenda and EU Horizon 2020.

Our overall goal is to investigate an innovative energy-efficient and information-centric infrastructure for Internet-of-Things (IoT), which connects heterogeneous wireless sensing and mobile devices to collect environmental data and integrates them for sustainable urban and transportation planning.



Emma Shepherdson
Project Manager

Tyresö

Tyreso grows and more people want to live and work in Tyreso. The more Tire Islanders we get, the more homes we need to build. But we also need good pedestrian and bicycle paths, walking paths, playgrounds, roads, parks, work places and other things that can improve and facilitate life in Tyreso.

Tyresö has for several years ranked as one of the safest roads in Sweden. Intersections on the municipality's main roads have been converted into roundabouts and several schools are protected drop-off. The municipality is also working systematically to separate pedestrian and cycle paths from car traffic.




SmartEnCity

SmartEnCity – Towards Smart Zero CO2 Cities across Europe

Cities play a key role in fighting climate change. Energy demand and CO2 emissions are particularly high in urban areas. At the same time, urban density allows more alternatives for energy-efficient housing, eco-friendly transport and service provision.

SmartEnCity’s vision is to create Smart Zero Carbon Cities that are more sustainable and inclusive, improve citizens’ quality of life, create jobs and wealth, and offer equal growth opportunities.

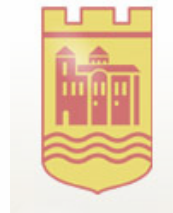


Sønderborg 



Città di Lecce

Lecce 



Asenovgrad 



Tartu 



Ayuntamiento de Vitoria-Gasteiz
Vitoria-Gasteizko Udala

Vitoria-Gasteiz 




Peter Rathje
Project Director

Sharing Cities


Building Smart Cities Together

The Sharing Cities 'lighthouse' programme is a proving ground for a better, common approach to making smart cities a reality. By fostering international collaboration between industry and cities, the project seeks to develop affordable, integrated, commercial-scale smart city solutions with a high market potential. The project partners work in close cooperation with the European Innovation Partnership on Smart Cities and Communities and with other 'lighthouse' consortia.



Milano 




London 



Warsaw 




Lisbon 



Burgas 



Bordeaux 



Nathan Pierce
Project Director



Jessica Ellis
Customer Success
Director

Bristol is Open

How cities work is changing. Developments in software, hardware and telecom networks are enabling more interaction between people and places and more machine-to-machine communication, creating an internet of things. Opening-up and making sense of this is giving citizens more ability to interact, work and play with their city. Using data sensors, smart city technologies will be able to respond in real-time to everyday events including congestion, waste management, entertainment events, e-democracy, energy supply and more. Together we are creating an open programmable city.



Johanna Hyrkäs
Director

Smart Lapinjärvi

Lapinjärvi has decided to be the first human-oriented municipality in Finland. This means that we are completely changing the way municipality normally operates. We put humans first. In a human-oriented municipality, service production is based on humans needs.

Residents, companies and associations are all invited to plan and produce services. The whole community works together to be the best place for all of us to live, work and be active.



Geoff Snelson
Smart City Director

MK:Smart

Milton Keynes is one of the fastest growing cities in the UK and a great economic success story. However, the challenge of supporting sustainable growth without exceeding the capacity of the infrastructure, and whilst meeting key carbon reduction targets, is a major one.

MK:Smart is a large collaborative initiative, partly funded by HEFCE (the Higher Education Funding Council for England) and led by The Open University, which is developing innovative solutions to support economic growth in Milton Keynes.





Jorge Saraiva
Co-chair

Citizen City

Integrating citizen participation as a real part of smart cities policy at all levels of decision and implementation. The target would be a measurable objective of systematic integration of citizen participation from the outset in smart cities projects and policies.

Concrete involvement of citizens needs to start from the identification of real needs.

Conversely new services can be produced starting from the citizen data.

Goals: Identifying how the use of innovative methods and tools such as Co-design and Co-creation dedicated to participation and engagement meet the needs of citizens.



Tomas Häyry
Mayor

Smart Vaasa

Vaasa has some big plans for the future, in order to become a greener and more sustainable city. They have recently implemented biogas buses in the city, Chief planner Pertti Hällilä says "the biogas bus project is the first of its kind in Finland."

In March of this year Mayor, Tomas Häyry, launched an initiative called Future Vaasa - inviting residents to share their ideas and visions about the future development of the city.



Victor Gancel
Program Manager

Climate-KIC

Climate-KIC is one of three Knowledge and Innovation Communities (KICs) created in 2010 by the European Institute of Innovation and Technology (EIT). The EIT is an EU body whose mission is to create sustainable growth. We support this mission by addressing climate change mitigation and adaptation.

The new Low Carbon City Lab programme (LoCaL) aims to reduce global greenhouse gas emissions by 1 gigatonne per year and unlock € 25 billion worth of climate finance for cities by 2050. The platform's partners provide cities with better tools for assessing greenhouse gas emissions, planning, investing and evaluating progress towards a low-carbon future.





Eva Maria Knudsen
Member of the Board

Open Data DK

Open Data DK is an association arising out of a collaboration between Aalborg, Aarhus, Vejle, Odense and Copenhagen municipalities and Region Midtjylland. The purpose of Open Data DK is to create transparency in public administration and enable data-driven growth. Data is made open and freely available to support productivity and innovation through greater utilisation of data.

By opening up data to citizens and businesses throughout Denmark it can be used as a raw material in the development of applications and services or to be impetus for analysis, trend assessments, research and so on.

OPEN DATA DK

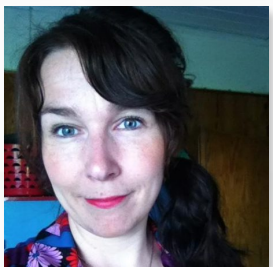


Harri Santamala
Project Director, Smarter
Mobility

Smart Mobility at Metropolia

The Ministry of Transport and Communications, the Finnish Transport Safety Agency (Trafi), the Finnish Transport Agency and Metropolia University of Applied Sciences are carrying out and financing a joint research project with the aim of promoting solutions for flexible, non-polluting and user-friendly mobility services (Mobility as a Service MaaS).

The project is run by Arto O. Salonen, PhD, who is an adjunct professor at the University of Helsinki and a principal lecturer at Metropolia. The project is for fixed term of three years 3.11.2016 - 2.11.2019.



Hanna Niemi-Hugaerts
IoT Program Director

Forum Virium

mySMARTLife Helsinki – Innovative measures to improve energy efficiency
Helsinki aims to reduce its emissions through smart solutions on the field of energy efficiency, mobility and the related IoT/ICT solutions. To further advance on this goal, Helsinki together with other cities works on cutting down emissions in the mySMARTLife project.

From the beginning of 2017, Helsinki kicked off the Synchronicity project together with other leading Smart Cities. The project aims to advance the digital single market for Internet of Things enabled services.

FORUM
VIRIUM
HELSINKI

The Nordic Smart City Research Lab will be showcasing the very latest research projects from Universities and Living Labs across the region. With some of the most forward thinking Universities in Europe we bring to you exciting case studies from ENOLL, Botnia Living Lab, DTU, KTH and more.

One session will focus on the use of technology on the Smart Campus at The Danish Technology University. The campus is the perfect setting for a Living Lab, giving access to high calibre research means they can test out smart solutions in an experimental setting.



Tuija Hirvikoski
Chairman



Marita Holst
Project Manager



Jonas Anund Vogel
Director



Henrik Madsen
Professor



Tessa Anderson
Professor





Stockholmsmässan

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Venue 2017

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- Adjacent hotel and approximately 7000 at walking distance from the Central Station (10 minutes from the venue).
- Fast and reliable Wi-Fi for up to 10 000 simultaneous users.





For information regarding registration or sponsorship please contact
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