



WALCC

World Alliance for Low Carbon Cities

Newsletter
9/2019

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Responsible City Forum hosted by the World Alliance for Low Carbon Cities 30.9-1.10.2019, Hanasaari, Espoo

The world's leading cities see addressing climate change through concrete measures and, simultaneously, supporting the wellbeing of their residents as topics of great concern. What is needed now is a new type of collaboration between private and public actors to reduce emissions and make cities more livable. The World Alliance for Low Carbon Cities will increase its international efforts to mobilize actors sharing the commitment to find new solutions to addressing these challenges. The topics covered by the Alliance's upcoming Forum "Responsible City" are based on in-depth engagement with city managers and planners both domestically and internationally. The 17th WALCC Forum will be held at the Hanaholmen Culture Center on Hanasaari in Espoo, Finland. This Autumn, the Forum will actively connect both private and public organizations to continue development efforts that have already been initiated relating to urban mobility, battery technology, renewable energy, and city logistics. The Forum's agenda will consist of panel discussions, breakout sessions, and key-note speeches elaborating how the public and private sectors can find new ways to collaborate in the pursuit of ambitious innovation projects, which call for mutual commitments spanning multiple years.

The WALCC and Synocus have, over the course of the last twelve months, been engaged in developing a Nordic commitment to a shared agenda for low-carbon cities starting with the transformation of urban mobility. The results from this initiative have been summarized in a report titled The New Logic of Urban Innovation, which will be published at the Forum and presented to Mr. Kimmo Tiilikainen, State Secretary, Ministry of Finance who will open the Forum

The WALCC, Synocus, and NUME will distribute copies of the newly published report on the Nordic countries' role in transforming mobility. The report will also be available for download on NUME's website (nume.org).



synocus

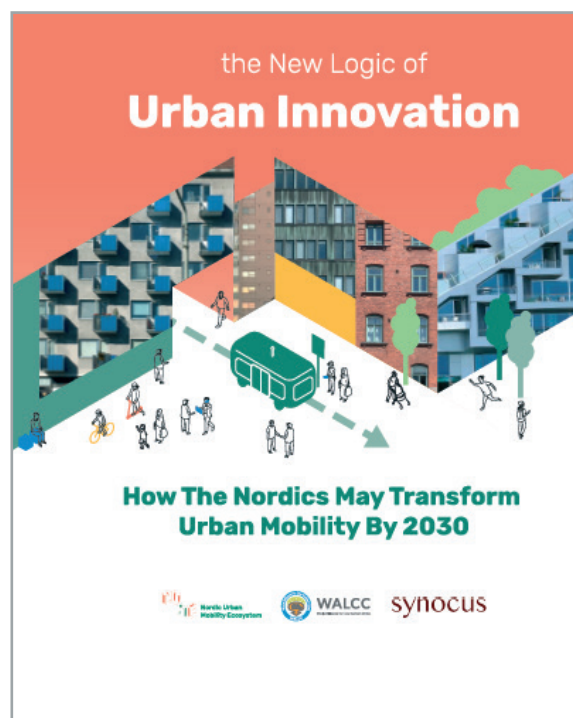
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Monday, September 30th, 2019

09:00-09:30	Opening address Mr. Kimmo Tiilikainen , State Secretary, Ministry of Finance Mr. CHEN Li , Ambassador, Embassy of the PRC in Finland Mr. Pasi Mikkonen , Vice President, Fortum; Chairman, World Alliance for Low Carbon Cities Prof. KANG Feiyu , Dean, Tsinghua University Shenzhen Graduate School; Honorary Chairman, WALCC	12:00-13:00 13:00-14:00	LUNCH Executive panel and questions from audience Mr. Pekka Tiitinen , CEO, ABB Finland Mr. Vesa Koivisto , SVP, Finnish Minerals Group Mr. Pasi Rannus , SVP, Valmet Automotive Mr. Pekka Möttö , CEO, Kyyti
09:30-10:00	The new logic of urban innovation; Mr. Johan Wallin , Managing partner, Synocus Group; Honorary Chairman, WALCC	14:00-14:30 14:30-16:00 16:00-16:30 16:30-17:00	COFFEE BREAK Breakout sessions Reporting from breakout sessions Nordic Urban Mobility Ecosystem, status update; Mr. Jussi Hultkonen , Deputy Secretary-General, World Alliance for Low Carbon Cities
10:00-10:15	Plenary discussions based on key-note presentation	17:00	World Alliance for Low Carbon Cities; annual general meeting
10:15-10:45 10:45-12:00	COFFEE BREAK Cities as innovation platforms panel (moderated by Johan Wallin) Ms. Anni Sinnemäki , Deputy Mayor for Urban Environment Mr. Pasi Kokko , Head of Customer, Fortum District Heating and Cooling Finland Prof. KONG Ying , Tsinghua University Mr. Lauri Inna , Mayor, City of Salo Ms. Milla Bruneau , Executive Director, Lahti European Green Capital 2021	18:30	CONFERENCE DINNER

Tuesday, October 1st, 2019

09:00-09:30	Key-note presentation; The low-carbon impact of battery technology; Prof. KANG Feiyu , Dean, Tsinghua University Shenzhen Graduate School	13:00-14:00 14:00-15:00	Reporting from breakout sessions Innovation panel and questions from audience (moderated by: Mr. Risto Rajala , Aalto University)
09:30-10:30	Green finance panel (moderator: Prof. KONG Ying) Mr. Li Hai Tao , Vice President, China Science & Merchants Investment Management Group Mr. Santtu Hultkonen , CEO, Solved Ms. Anu-Leena Koskelainen , Finnvera Ms. Elina Kampi , Adviser, Finance Finland		Prof. Janne Laine , Vice President Innovation, Aalto University Prof. KONG Ying , Dean of Social Sciences and Management at the Tsinghua University Graduate School at Shenzhen Ms. Erja Turunen , Executive Vice President, VTT Technical Research Centre of Finland Mr. Niko Kynäräinen , CEO, Turku Science Park
10:30-11:00 11:00-12:00 12:00-13:00	COFFEE BREAK Breakout sessions LUNCH	15:00-15:30 15:30-16:00 16:00-17:00 17:00	Reflections upon the role of cities as drivers for low-carbon development COFFEE BREAK The future of the World Alliance for Low Carbon Cities Plenary discussion Reception; hosted by WALCC



Wednesday, October 2nd, 2019

Site visits

9:00-11:00 Fortum Suomenoja power plant
11:00-13:00 Lunch
13:00-15:00 Aalto University

Attendance is free of charge. Registrations are binding and a €60 "no show" fee will be charged. The conference dinner, reception, and site visits are subject to an €80 fee for those not members of WALCC, NUME, MEX Finland, IXX, BEI, or EiR ecosystems. Please register at go.walcc.org/RC2019. Please direct all inquiries to Jussi Hultkonen (jussi.hultkonen@walcc.org +358-9-622 62630).

Breakout sessions

Monday 30th September 14:30 - 16:00

Excellence in Renewable Energy workshop

Chair:

Mr. Kalle-Erkki Penttilä, Head of Growth,
City Solutions, Fortum

Presenters:

Prof. DAI Chunyan, Chongqing
Technology and Business University
Mr. Kari Lahti, General Manager, Environmental
Performance, Fortum
Mr. Esa Teppo, CEO, Planora
Mr. Tuure Stenberg, CEO, Gebwell
Mr. Patrik Laxell, Associate partner, Synocus

Background

Business Finland and MoST have approved financing for the Excellence in Renewal project (EIR project) in July 2019. The ambition with the breakout session is to be the kick-off meeting for the EIR project, and in a natural way also bring Chinese and Finnish interests together when preparing and executing the breakout session.

Battery Ecosystems workshop

Chair:

Mr. Timo Butz, Product Manager, Industrial
Valmet Automotive

Presenters:

Prof. KANG Feiyu, Dean,
Tsinghua Shenzhen Graduate School
Mr. Kenneth Ekman, CEO, Cristolteq
Mr. Marcus Theman, CEO, Nablalabs
Mr. Pyy Hannula, Aalto University

Background

Valmet Automotive started the Battery Ecosystem Internationalization project (BEI project) in May 2019. In addition, Valmet Automotive together with Fortum, FMG and Keliber are preparing an EU application for a project called European Battery Industrialization (EuBatIn). The ambition with the breakout session is to be a planning workshop for the BEI and EuBatIn initiatives and provide an update of the possibilities to strengthen Sino-Finnish collaboration in the battery field.

Tuesday 1st October 11:00 - 12:00

Nordic mobility collaboration workshop

Chair:

Mr. Jussi Hulkkonen, World Alliance for
Low Carbon Cities

Presenters:

Mr. Marko Lepola, Head of Commercial Product
Management, Telia
Mr. Ben Chiang, Tsinghua University,
Shenzhen Graduate School
Mr. Esko Mertsalmi, CEO, Unike

Background

The Nordic Urban Mobility Ecosystem (NUME) is a mobility ecosystem supporting the transition of transportation. Founded in 2017 with the support of Business Finland, NUME continues as a member-supported ecosystem. NUME has engaged Nordic partners in collaboration through a project during spring 2019 including seven partners from the Nordics. This meeting offers a variety of perspectives on Nordic collaboration in the field of mobility services fueling the next phase of Nordic collaboration.

City logistics workshop

Chair:

Ms. Outi Kettunen, Head of Business Development,
Rocla Solutions

Presenters:

Mr. Harri Paloheimo, CEO, Coreorient
Ms. Maria Antikainen, Principal Scientist, VTT
Mr. Jukka Pellinen, Project Manager, Tampere
University of Applied Sciences
Mr. Aku Happonen, CEO, Smart Mile Solutions

Background

The Intralogistix ecosystem was formed to develop new, increasingly flexible, smart, and customer-oriented logistics innovations. A key field is that of decarbonizing and transforming city logistics, a core area in the EU technology platform (ALICE) roadmap towards low-carbon and the physical internet. The solutions foreseen will include policy and infrastructure decisions, new business models and technologies, increased utilization of assets, and changes in the behavior of citizens/consumers.

World Alliance for Low Carbon Cities

The World Alliance for Low Carbon Cities (WALCC) was founded in 2012 by the Synocus Group and Tsinghua University's Graduate School at Shenzhen. The Alliance is open to cities, companies, and research institutes committed to furthering the global fight to mitigate the effects of climate change. Members gain the possibility to influence policy and standard-making and thus to better position themselves in the growing low-carbon technology and services market.

The Alliance's founding members have, through extensive discussions with renowned experts in the field of low-carbon research, identified four core, thematic issues in low-carbon city development which will constitute the focus areas of its research activities. These four areas are: **Urban planning, Urban transport, Green building, and Renewable resources** (particularly energy).



Activities

Networking. Membership provides access to the Alliance's multi-national network of forward thinking researchers, government authorities, and private companies, through both physical as well as digital means. The WALCC organizes the bi-annual Low Carbon City Development World Forum as well as other, more focused, networking events and workshops. Members of the Alliance are afforded priority access to the bi-annual forums and are offered significant discounts when joining future events. The Alliance also maintains a website that provides ongoing updates regarding the Alliance's activities as well as those of its members' and the low-carbon industry as a whole.

Research Supporting and orchestrating demanding research projects. Connecting parties with shared interests and guiding them towards a common goal. Supported the Systemic Architectures for Sustainable Urban Development (SASUI) research project from 2014-2016. Projects under preparation, urban development, urban mobility and traffic, circular economy, and smart cities.

Member specific initiatives The Business Finland-sponsored, international Nordic Urban Mobility Ecosystem (NUME) was established in 2017 with Valmet Automotive, Fortum, ABB, and Ponsse as initial anchor organizations and Telia joining in 2018. Initiating smaller activities to support our members' individual goals e.g. relating to Green Hospital, Electric Vehicles, Green Building, Living Labs

Membership

Category	Eligibility	Annual fee
Premium membership		
Diamond	By invitation	€ 20 000
Platinum	Client request	€ 10 000
Corporation membership		
Gold	Client request	€ 5 000
Silver	Client request	€ 3 500
Government membership		
Gold	Client request	€ 5 000
NGO and research Institution membership		
Support	NGOs and research institutions	€ 1 200

Operations

The WALCC is headquartered in Helsinki, Finland.

The Alliance's international activities and strategic direction are under the supervision of the Alliance's Board, which meets twice annually.

Pasi Mikkonen, Vice President Investments City Solutions at Fortum, is the Chairman and KONG Ying, Professor at Tsinghua University, is the Vice-Chairman of the WALCC.

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