



WALCC

World Alliance for Low Carbon Cities

www.walcc.org

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Introducing the World Alliance for Low Carbon Cities

The World Alliance for Low Carbon Cities is a non-profit, independently founded and organized Alliance which seeks to further research and demonstrations between core actors from Cities and the Academic and Corporate worlds, in the areas of Urban Planning, Urban Transportation, Green Building, and Renewable Resources.

Interest in the concept of a 'Low-carbon city' is growing increasingly more significant. As urban sustainability is, to a large extent, defined through the public sector, creating sustainable cities will require coordinated action involving the public sector, companies and research institutions. The Swedish innovation agency VINNOVA joined the ranks of concerned organizations, offering the following observation on sustainable and attractive cities:

“Today, more than 50% of the world’s population lives in towns and cities. Yet urban areas are not merely problem-producers, they also offer significant potential for solutions. Well-functioning cities are a cornerstone of economic development of a country. There are numerous potential solutions to these challenges, and they are urgently needed globally. Exploring these opportunities requires a new level of integration between policy and research areas and private as well as public operators.”

The European Union is also involved in this development through its support of various research schemes, which aim to develop new solutions for sustainable cities. One example is an

upcoming tender for technical assistance to the Europe-China eco-cities link project.

The WALCC was developed through a demonstration initiative, Eco Urban Living (www.eco-urbanliving.com), which was initiated in the city of Espoo to pilot various low-carbon practices, one of which was the introduction of electric vehicles into the city. This initiative initially involved such companies as Nokia, Fortum and Valmet Automotive, and also attracted the attention of leading Chinese organizations such as Tsinghua University and the battery producer ATL. These initial networking efforts, initiated in 2009, resulted in a number of concrete business undertakings; as well as leading to the first electric cars and buses being taken into use in Espoo.

The Eco Urban Living initiative is evidence that finding natural ways for companies, cities, research institutions and innovation agencies to cooperate around urban sustainability, and generate benefits locally, nationally, and internationally is possible by focusing on concrete demonstration activities. The WALCC’s ambition is to use these experiences to scale up such demonstration and piloting initiatives.

For more on the alliance, visit www.walcc.org.



What makes the Alliance unique?

The World Alliance for Low Carbon Cities is set apart from other similar organizations by its non-profit status, its global reach, its unique 'semi-open' approach to collaboration, as well as the level of freedom and influence it offers members.

Recent years have seen the rise of urgent concern regarding the future of our environment. This has spurred a wave of interested actors, including companies, cities, and research institutes, to make low-carbon related research and development projects a key priority. In response, several groups have risen up in an attempt to unite these disparate actors in interconnected research networks which would enable them to benefit from each other's efforts.

By bringing together leading experts from a variety of industries, localities, and backgrounds, who share a strong interest in driving the development of low-carbon cities, the World Alliance for Low Carbon Cities plays an important role in helping to;

realize the full potential of this vast international network of cities, companies and research institutes.

Through its advanced 'semi-open' method of orchestrating collaboration, the Alliance offers its members;

- a safe environment in which to conduct collaborative research and development projects.
- priority access to the results of research and development projects conducted by other members.

All research is conducted under strict conditions which free members from concerns regarding abuse or neglect of intellectual property rights as well as the risk of sensitive research results or data spreading outside of the Alliance.

In the interest of creating a safe environment for collaboration, the Alliance also allows its members to;

influence its future by consulting them regarding the admission of successive members as well as in setting research agendas.

Alliance members also gain free admission to the bi-annual Low-Carbon City Development World Forum.

The Alliance aims to form a robust, well-connected, global network of key actors and to provide them with a strong platform and the resources to conduct collaborative research, which allows them to influence the direction of their agenda and the extent of their participation according to their own interests .





Services

In the interest of furthering the development of low-carbon solutions and facilitating cooperation, the Alliance offers its members the following core services:

- Form a network of dedicated individuals which engage in active physical, through various forms of workshops and forums, and virtual, through the portal www.walcc.org, interaction.
- Encourage new breakthrough research activities involving leading researchers on an international basis
- Support concrete pilots and demonstration initiatives in close cooperation with local city authorities and leading companies.

Membership

The Alliance provides four levels of membership, privileges vary by level:

Premium Membership
(Lead Sponsors)

Government
Membership

Corporate
Membership

Institution
Membership

Membership is contingent upon acceptance of the Alliance's Articles of Operation, fulfillment of the applicable membership fee, and approval by the Alliance's Board.

Annual membership fees for the four levels are listed below:

Category	Eligibility	Additional service	Annual fee* (2012 rate)
Premium membership (lead sponsors)			
Diamond	By invitation	Tailor-made quarterly report	€ 20 000
Platinum	Client request	Tailor-made semi annual report	€ 10 000
Government membership			
G1	City administrative government	Upon request	€ 4 500
G2	Other government agencies	Upon request	€ 3 500
Corporation membership			
C1	Turnover exceeding € 40 million	Upon request	€ 4 500
C2	Turnover between € 7 million and € 40 million	Upon request	€ 2 500
C3	Turnover not exceeding € 7 million	Upon request	€ 1 500
Institution membership			
I1	Research institutions	Upon request	€ 1 200
I2	Universities & polytechnic	Upon request	€ 1 000
I3	Non-profit organizations	Upon request	€ 800

Diamond
sponsors



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Tuesday, September 25th, 2012

- 8:30-9:30 REGISTRATION and MORNING COFFEE**
- 9:30 Group Photo
- 10:00-11:00 Opening Address
- Mr. Jyri Häkämies, Minister of Economic Affairs, Finland
 - Mr. HUANG Xing, Ambassador, Embassy of the PRC in Finland
 - Mr. Jukka Mäkelä, Mayor of Espoo
 - Prof. Ilkka Niemelä, Deputy President, Aalto University
 - Prof. ZHENG Yankang, Former Vice President, Tsinghua University
 - Professor KANG Feiyu, Dean, Graduate School at Shenzhen, Tsinghua University, Chairman, World Alliance for Low Carbon Cities
- 11:00-11:15 Nurturing Public-Private Capability Building; Dr. Johan Wallin, Chairman, Synocus Group, Deputy Chairman, World Alliance for Low Carbon Cities
- 11:15-11:30 Current Situation and Future Trend for Electric Vehicles in China, Prof. KANG Feiyu, Dean, Graduate School at Shenzhen, Tsinghua University, Chairman, World Alliance for Low Carbon Cities
- 11:30-11:45 People Flow As Catalyst for Green Construction; Mr. Tomio Pihkala, Vice President, Kone
- 11:45-12:00 Low-Carbon, Our Future, Ms. SUO Yonghong, Deputy President, Director of Shenzhen Tsinghui Elite Joint Funds Management Co., Ltd.
- 12:00-13:00 LUNCH**
- 13:00-13:15 Systemic Urban Change, Mr. Marko Steinberg, Director, Sitra
- 13:15-13:30 Low-Carbon Development and International Cooperation in Shenzhen, Mr. CAI Yu, Deputy Director of Development and Reform Commission, Shenzhen
- 13:30-13:45 Urban Planning and Green Building - Focus Area; Research Plan, Professor Jan Annerstedt, Copenhagen Business School
- 13:45-14:00 DigiEcoCity - Practical Experiences; Mr. Mauri Tommila, President, DigiEcoCity
- 14:00-14:15 Sustainable Cities, the Swedish Case, Mr. Lenart Svensson, Head of Division, Region Skåne
- 14:15-14:30 Urban Transport – Focus Area; Research Plan, Dr. Ryan Chin, Managing Director, City Science Initiative, MIT Media Lab
- 14:30-14:45 Strategizing in High-Velocity Markets; Mr. Aimo Åhlman, Vice President, Valmet Automotive

- 14:45-15:00 Renewable Resources – Focus Area; Research Plan, Dr. Johan Wallin, Synocus, Deputy Chairman, World Alliance for Low Carbon Cities
- 15:00-15:15 Sustainability in Metals and Mining, Dr. Ilkka Kojo, Director, Outotec
- 15:15-15:30 Smart Power Generation, Mr. Kimi Arima, Manager, Marketing & Business Development, Wärtsilä
- 15:30-16:15 COFFEE BREAK**
- 16:15-16:30 Wrap-up session
- 19:30 DINNER**

Wednesday, September 26th, 2012

- 9:00-9:30 Participatory Urban Development, Prof. Alessandro Balducci, Politecnico di Milano
- 9:30-9:45 Li4Ti5O12-Based Batteries and Their Gassing Behavior, Dr. HE Yanbing, Department of Mechanical Engineering, The Hong Kong University of Science and Technology
- 9:45-10:00 Building a Long-Lasting Low-Carbon Technology Trade Platform, Mr. LI Zhengqin, Director of Sun Bright (International) Low-Carbon Products Trading Center
- 10:00-10:15 Experimentalism and Social Learning in Low-Carbon Development, Prof. LI Wanxin, City University of Hong Kong
- 10:15-10:30 Carbon Trade Pilot in Shenzhen, Ms. CHEN Haiou, Shenzhen Emission Exchange
- 10:30-10:45 COFFEE BREAK**
- 10:45-11:00 Low-Carbon Finance and Low-Carbon Economies, Mr. XU Caiyuan, Director of Shenzhen Sanhe Zhanwang Investment Co., Ltd
- 11:00-11:15 Existing Sustainable Buildings in the NY Metropolitan Area, Mr. LUO Jiangang, Founder of US-China Cleantech Forum
- 11:15-11:30 Green Technology, Auto-Union Energy Saving; Mr. ZHANG Hongyu, Director of Shenzhen Auto-Union Control System Co., Ltd
- 11:30-12:00 Plenary Discussion, Facilitated by Prof. KANG Feiyu, Chairman, World Alliance for Low Carbon Cities and Dr. Johan Wallin, Deputy Chairman, World Alliance for Low Carbon Cities
- 12:00 LUNCH**
- 13:00 Academic Workshop; CN-Beijing: DCI — Technical Assistance to the Europe-China Eco-Cities Link (EC-LINK) Project, Organized by Aalto University