

## Cities, Spaces, and People

**Plenaries - Parallel sessions - Workshops - Mayors' round table - Training Courses - Marketplace - EcoMobility World Festival 2013**

### **Visionary & enriching perspectives on sustainable urban mobility**

The EcoMobility 2013 Suwon congress was a platform for gaining knowledge about the latest developments in sustainable transportation.

The congress setting of the EcoMobility World Festival made it the right place and frame for experiencing an ecomobile lifestyle in reality. Innovative minds and committed leaders in EcoMobility came together at the EcoMobility 2013 congress in Suwon to discuss and demonstrate the importance of creating cities and spaces for people.



*Hwaseong Fortress in Suwon, a UNESCO World Heritage Site. Source: Wikipedia, 2013*

### **Suwon, the place for transport experts to be**

Suwon's climate protection goal is a CO<sub>2</sub> reduction of 40% from 2005 levels by 2030, exceeding all national targets. The city has announced its commitment to greenhouse gas reductions, domestically and externally, by declaring Suwon the "environmental capital," a low-carbon city fighting climate change.

Suwon is pursuing an urban policy that is harmonious with the environment and focuses on community culture. Projects like the citizen-driven Urban Planning 2030, the Village Renaissance project, and the Low Carbon Green City project has all of our citizens engaged. Through such initiatives, Suwon plans to create a people-oriented green city, a city that uses communication and participation to create the foremost environmental capital of Northeast Asia, fully committed to a green and eco-friendly spirit.

### **Cities for health, livability, and a human scale**

The main focus of the congress was on transforming our cities and spaces to encourage healthy living and improved liveability, and to focus on people rather than on automobiles. Aspects such as mobility and its relation to environment, health, economy, and innovation were highlighted. With the various national and international experts that were present at the congress, the discussions were vibrant, thought provoking, and practical. International government agencies organized activities to empower the knowledge of decision makers through training courses and specialized, targeted sessions for city officials to make informed decisions that transform their cities.



*Bikeway in Copenhagen. Photo credits: PCIB photo library - Ryan Snyder*



### Speakers, cities, and organizations

**Gil Peñalosa** (8-80 Cities), keynote speaker with a breadth of experience in sustainable mobility.

**Heiner Monheim** (University of Trier), transport scientist, geographer, and professor, whose areas of expertise include spatial urban planning, traffic calming, and regional and national traffic planning.

**Mayors and city officials** were present from cities including including San Francisco, Berlin, Kyoto, Adelaide, Bonn, Lima, Freiburg, Johannesburg, Bogota, Curitiba, Changwon, Boulder, Vienna, Toyama, Kathmandu, Kaohsiung, Guangzhou, etc.

Speakers from **international and governmental organizations** such as GIZ, Asian Development Bank, UNHABITAT, and UNESCAP shared their projects and ideas with the audience.

**Leading organizations** such as Clean Air Asia, European Cyclists' Federation, WRI – EMBARQ, SLoCaT, Cycling Embassy of Denmark, KOTI, CITIES, took part in the congress.

**Business and commercial entities** were present at the congress and were actively involved in the discussions.

### Suwon, the Human City of Korea

With more than 600 years of history, Suwon is located approximately 30 km south of the Korean capital, Seoul. With 14 universities and industries such as Samsung Electric, Samsung Electronics, and SK Group, Suwon enjoys the amalgamation of knowledge and industry.

In terms of culture, Suwon has the Hwaseong Palace, which is a UNESCO world heritage site. In early days the palace walls surrounded the entire city of Suwon and over time the city grew beyond these walls. The Hwaseong Palace area is also the location for the EcoMobility World Festival 2013. The Festival is a challenge that Suwon leadership boldly took to show the entire world that neighborhoods can be transformed to be places for people. The people in this neighborhood agreed to close their streets to automobiles and embrace a month long “automobile-fast” by traveling using ecomobile modes of transport.

### Congress elements

The congress ,contained in addition to the informative plenaries, sessions that focused on specific topics in urban transportation.

Training activities for decision makers and city officials were designed increase awareness of EcoMobility and promote informed decisions in transforming cities.



*Gil Peñalosa, 8-80 Cities*



*Yeom Tae-Young,  
Mayor of Suwon*

# Suwon EcoMobility 2013 Program Overview Congress



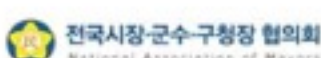
High-level participants at the congress had the opportunity to participate in focused discussions with their peers to foster knowledge and experience sharing.

All the participants to the EcoMobility 2013 Suwon congress had the unique opportunity to experience the EcoMobility World Festival 2013 happening at the same time in Suwon. The EcoMobility World Festival was a very unique opportunity for congress participants to experience a neighborhood free of automobiles, with only ecomobile vehicles plying on the streets. The Festival is evidence for success in leadership and decision making with an aim to inspire and instigate EcoMobility into motion in the cities of the congress participants.



Bicycle lanes in Suwon help people to have a safe commute

## Endorsing partners



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## Monday, 2 September

### 9:00–10:30 Keynote plenary

This plenary session opened the congress, exploring why EcoMobility is important as a contributor for sustainable development, and the various social, environmental, and economic benefits it delivers. Mainstreaming EcoMobility by creating an EcoMobility culture can restore livability of our cities. A variety of examples of integrated EcoMobility approaches were presented.

**Moderator:** Mary Jane Ortega, Vice President, ICLEI

**Presenters:**

- Yeom Tae-Young, Mayor of Suwon, Republic of Korea
- Monika Zimmermann, Deputy Secretary General, ICLEI
- Mary Jane Ortega, Vice President, ICLEI
- Gil Peñalosa, Executive Director, 8-80 Cities, Toronto, Canada
- Heiner Monheim, Professor of Transport, University of Trier, Germany
- Konrad Otto-Zimmermann, Creative Director, EcoMobility World Festival 2013

### 11:00–13:00 Parallel sessions

- **A1 – The role of EcoMobility in urban regeneration**

The introduction of ecomobile options can transform a city. Streets once strictly for cars, with other modes on the periphery, can be redesigned to be safer, livelier, and less polluted by the sounds and emissions of traffic. This in turn changes the dynamic of the area, bringing life and energy to the urban scene.

**Moderator:** Naureen Kabir, Director, Urban (co)Lab, New Cities Foundation

**Presenters:**

- Changing the Urban Scene through EcoMobility in Toyama  
*Daisaku Saito, Policy Supervisor, City of Toyama, Japan*
- Saitama City's Measures to Realize a "Green City of the Future"  
*Hayato Shimizu, Mayor of Saitama, Japan*
- Transforming Cities with EcoMobility  
*Andre Dzikus, Head and Coordinator, Urban Basic Services Branch, UN-Habitat, Nairobi, Kenya*
- Reviving urban areas through non-motorized transport  
*Gabriel Gomez, President, Foundation More Spaces, Mexico City, Mexico*

- **A2 – Public spaces promoting EcoMobility**

This session explored the effects of the built environment on mobility choices and behavior, and how the presence of public spaces enhances EcoMobility in cities. Elements of a people-friendly public space were detailed with a variety of examples implemented by cities and organizations across the world.

**Moderator:** Martin Haag, Mayor for Transport, Regional Planning and Urban Development, Freiburg, Germany

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**Presenters:**

- The identification of Role in transportation system and measurement of environmental effects of Bicycle Sharing Systems in Big Three Systems of Korea  
*Jaeyoung Lee, Research Fellow, Daejeon Development Institute; Republic of Korea*
- Working with Cities in Promoting NMT  
*Parthaa Bosu, Low Emissions Urban Development Program Manager, Clean Air Asia*
- Integrated approaches for sustainable transport in Delhi, India  
*Ashok Bhattacharjee, Director - UTTIPEC, DDA, Dehli, India*

• **A3 – Non-motorized transport session organized by ADB/GIZ/EcoMobility Alliance Part 1**

This session, jointly organized by ADB, GIZ, and ICLEI, focused on non-motorized transport and its role in creating people friendly public spaces, how it can be used to promote and spark innovation for other forms of EcoMobility, and why it is an essential cornerstone of EcoMobility in urban spaces.

**Moderator:** Lloyd Wright, Senior Transport Specialist, Asian Development Bank

**Presenters:**

- Manfred Breithaupt, GIZ: NMT planning principles
- Carlosfelipe Pardo, GIZ: Infrastructure, cycle ways
- Bram van Ooijen, ITDP: Greenways
- Lloyd Wright, ADB: Car-free days
- Jin Young Park, KOTI: Korea Pedestrian Guide
- Bradley Shroeder, ADB Consultant: Bicycle sharing
- Noel Wilson, Catapult Design: Pedicabs
- Santhosh Kodukula, ICLEI: NMT integration with public transport
- Carlosfelipe Pardo, GIZ: Promoting NMT

**15:00–17:00 Parallel sessions**

• **B1 – Marketing EcoMobility**

There are many effective approaches to communicating the benefits of EcoMobility. Conceiving an idea for implementing EcoMobility is only the first step; effective promotion of the idea is necessary to fully realize it. This session explored some of the various ways to market EcoMobility, including the perspectives of local governments, businesses, NGOs, and research institutes.

**Moderator:** Gil Peñalosa, Executive Director, 8-80 Cities, Toronto, Canada

**Presenters:**

- NordicCab  
*Erik Nyborg, General Manager, NordicCab, Norway*
- Active Mobility – Achieving Human rights through Cycling  
*Manfred Neun, President, European Cyclists' Federation, Netherlands*
- GO Boulder: Sustainable Transportation Planning & Programs, Great Options for Walk – Bike – Bus  
*Kathleen Bracke, GO Boulder Manager, City of Boulder, USA*



- Best Practice on Danish Mobility Initiatives  
*Troels Andersen, City of Odense and Chairman, Danish Cycling Embassy, Denmark*
- Future Mobility in the Intelligent City  
*Florian Lennert, Director, InnoZ, Germany*
- **B2 – Transport demand management**  
Currently many cities cater for the needs of automobiles. Transport Demand Management encourages the active inclusion of other modes and various actors.  
**Moderator:** Robert Stüssi, Perform Energy, Portugal  
**Presenters:**
  - Mobility management by involving companies: An experience from Bonn, Germany  
*Werner Wingefeld, Commissioner, City of Bonn, Germany*
  - Parking Policies for Avoiding Car Dependence  
*Paul Barter, Adjunct Professor, National University of Singapore*
  - Public Transport as a Demand Management Tool  
*Laura Valente de Macedo, Sustainability Policies and Management, World Resources Institute (WRI), Brazil*
  - TDM: Some Prospects and Future Research & Practice Agenda  
*Keechoo Choi, Ph.D. Professor, A-jou University, Republic of Korea*
  - Economics for transport demand management for Mumbai  
*Ashok Datar, Chairman, Mumbai Environmental Social Network, India*
- **B3 – Non-motorized transport session organized by ADB/GIZ/EcoMobility Alliance Part 2**  
This continuation of session A3, jointly organized by ADB, GIZ, and ICLEI, focused on non-motorized transport and its role in creating people friendly public spaces, how it can be used to promote and spark innovation for other forms of EcoMobility, and why it is an essential cornerstone of EcoMobility in urban spaces.  
**Presenters:**
  - Noel Wilson, Catapult Design
  - Bram van Ooijen, ITDP
  - Bronwen Thornton, Walk21



### 17:30–19:00 Leaders' Roundtable

Leadership is a crucial element to the transformation process of a city toward a more ecomobile future. A variety of perspectives when approaching mobility exists. The priorities of a local government leader may synchronize or differ wildly from those of the president of a transport organization. Discussions such as this round lead to more integrated and efficient work toward EcoMobility goals.

**Chair:** Cornie Huizenga, Joint Convener, SLoCaT

**Panel:**

- Werner Wingefeld, Commissioner, City of Bonn, Germany
- Florian Lennert, Director, InnoZ, Germany
- Manfred Neun, President, European Cyclists' Federation, Netherlands
- William Bird, CEO, Intelligent Health, United Kingdom
- Kulwant Singh, UN-Habitat, Nairobi, Kenya
- Laura Ballesteros, City Councillor, Transportation, Mexico City, Mexico
- Peter O'Neill, Chief of the Transport Policy and Development, UNESCAP
- William Fernando Camargo Triana, Director of Roads, Transportation and Public Utilities, Bogotá, Colombia

## Tuesday, 3 September

### 9:00–10:30 Mayors' Plenary

This plenary consisted of presentations and dialogue among a diverse and international group of mayors and to create constructive discussion that local government leaders can learn from and apply in order to better integrate EcoMobility into policies and plans for their cities.

**Chair:** Konrad Otto-Zimmermann, Creative Director, EcoMobility World Festival 2013

- Yeom Tae-Young, Mayor of Suwon, Republic of Korea
- Martin Haag, Vice Mayor of Freiburg, Germany
- Park Wan-su, Mayor of Changwon, Republic of Korea
- Daisaku Kadokawa, Mayor of Kyoto, Japan
- Hugo Ruiz, Mayor, Lagos Moreno, Mexico
- Krishna Gaur, Mayor of Bhopal, India
- Shyh-Fang Liu, Vice Mayor, Kaohsiung, Chinese Taipei
- Wei Lian Zhang, Vice Mayor, Jilin City, China

### 11:00–13:00 Parallel sessions

- **C1 – Social inclusion through EcoMobility**

Automobile dependent transport projects often tend to create social exclusion and create social inequity. Urban transport can also be a means to create socially inclusive and equitable cities by adopting the principles of EcoMobility.

**Moderator:** Heiner Monheim, Professor of Urban Planning and Transport, University of Trier, Germany

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**Presenters:**

- The Experience of Travel as a social component of mobility  
*Carlosfelipe Pardo, Director, Despacio, Bogotá, Colombia*
- Gender equity in transportation  
*Mi-hye chang, Korea Woman's Development Institute, Republic of Korea*
- Mobility in Mumbai: Towards social exclusion?  
*Trupti Amritwar Vaitla, Chief of Operations, Mumbai Environmental Social Network, India*
- Social inclusion through transport in an Indian context  
*Anuj Malhotra, Director, Center for Green Mobility, Ahmedabad, India*
- Promoting Social Inclusion through Active Travel  
*Greg Mews, Active Living Coordinator, The Heart Foundation, Canberra, Australia*
- Promoting EcoMobility as a Social Inclusion Strategy  
*Jessica Tantalean Noriega, Special Project for Non-Motorized Transport, Department of Urban Transport, Municipality of Lima, Peru*

• **C2 – Implementing EcoMobility**

This session featured the required institutional arrangements for implementing EcoMobility and discussed various innovative means for executing EcoMobility projects in cities.

**Moderator:** Florian Lennert, Director, InnoZ, Germany

**Presenters:**

- Institutional Setup for implementing Sustainable Transport  
*Manfred Breithaupt, Senior Transport Advisor, GIZ, Germany*
- Provision of Charging Infrastructure for Electric Vehicles in Berlin  
*Wilfried Nünthel, District Councillor for Urban Development, Berlin-Lichtenberg, Germany*
- Implementing EcoMobility in Suwon  
*Heungsoo Park, Head of Transport, Suwon, Republic of Korea*
- Ultra Low Cost EV Charging Infrastructure Building Method  
*Sunggyoo Geo, EV Infrastructure Network Research Center, Republic of Korea*
- FoodLogica  
*Anke de Vrieze, Project Leader, FoodLogica, CITIES Amsterdam, Netherlands*

• **C3 – Low-carbon cities and mobility (Low-carbon Cities Forum, session 1)**

Transportation is the major source of CO2 emission in cities. How can we transform urban mobility as part of the great low-carbon strategy of the cities?

**Moderator:** Gil Peñalosa, Executive Director, 8-80 Cities, Toronto, Canada

**Presenters:**

- Ching-Fu, Chen, Director-general of Transportation Bureau, Kaohsiung City
- Daisaku Kadokawa, Mayor, Kyoto City
- Hiroyoshi Yahagi, Director of Environment Bureau, Saitama City





- Liu Jian, Vice Director of planning bureau, Xiamen City
- Amit Bhatt, Strategy Head, EMBARQ India

### 15:00–17:00 Parallel sessions

- **D1 – Innovative instruments in transport**

Innovation in urban transport broadens the extent of service that current transport systems offer. Presenters informed the audience of the various innovative aspects currently being implemented in cities to increase the appeal of EcoMobility.

**Moderator:** Robert Stüssi, Perform Energy, Portugal

**Presenters:**

- Cloud Taxi: An Innovative Service for Public Transport  
*S.K. Jason Chang, Professor, National Taiwan University*
- Challenges and worldwide context of E-Mobility  
*Robert Stüssi, Perform Energy*
- Connected Commuting  
*Naureen Kabir, Director, Urban (co)LAB, New Cities Foundation*
- Creating a market for low carbon mobility –the experiences of Stockholm, Sweden  
*Jonas Ericson, Project Leader – Clean Vehicles, City of Stockholm*

- **D2 – Promoting public health through EcoMobility**

EcoMobility and health are strongly connected; transport choices have a direct effect on individual psychological and physical health, and eliminate polluting forms of mobility.

**Moderator:** Manfred Neun, President, European Cyclists' Federation

**Presenters:**

- Active Travel: The Perfect Medicine  
*William Bird, Dr.med., CEO, Intelligent Health*
- Improving Public Health Through Walking  
*Bronwen Thornton, Development Director, Walk21, United Kingdom*
- Public health and mobility in a broader perspective: The Despacio approach  
*Carlosfelipe Pardo, Director, Despacio, Colombia*
- A Study on the Impacts of residential Neighborhood Built Environment on Personal Health Indicators  
*Hyungun Sung, Research fellow, KOTI, Republic of Korea*
- Health and Urban Transport  
*Ritchie (Chee) Anne Roño, Clean Air Asia*



- **D 3 – Low carbon cities and energy (Low-carbon Cities Forum, session 2)**  
Cities are responsible for 71% of global energy related CO2 emissions. And the statistics will increase to 76% if they do not take actions. What kind of options and strategies cities can have to be low-carbon?

**Moderator:** Hyuk Jae Son, President, Suwon Research Institute, Republic of Korea

**Presenters:**

- Hee-eun Kang, Director, Seoul City
- Jungsam Lee, Head of Environment Policy Division, Gwangju Metropolitan City
- Bat-Erdene Togooch, Vice Mayor, Ulaanbaatar City, Mongolia
- Wang Zhong Yuan, Researcher, Chinese Academy of Social Sciences
- Weihai City, Shandong Province, China

**17:30–19:00 Session 3 of Low-carbon Cities Forum**

- **Low carbon cities in East Asia (Low-carbon Cities Forum, session 3)**  
How cities are responding to the challenges of the climate change? What are their strategies?

**Moderator:** Konrad Otto-Zimmermann, ICLEI East Asia Secretariat

**Presenters:**

- Oliver Lah, Wuppertal Institute for Climate, Environment and Energy
- Jae-Joon Lee, Vice Mayor, Suwon City
- Xi Xian New City, Shan Xi Province
- Kangding County, Sichuan Province

## Wednesday, 4 September

**9:00–10:30 EcoMobility in Action Plenary**

The necessary drivers for implementing EcoMobility projects will be addressed. Selected examples of EcoMobility initiatives and the available funding mechanisms for cities are a part of the discussion.

**Moderator:** Manfred Breithaupt, Senior Transport Advisor, GIZ, Germany

**Presenters:**

- Financing Sustainable Urban Transport  
*Lloyd Wright, Senior Transport Specialist, ADB, Manila, Philippines*
- Adelaide's journey to becoming a cycle friendly city  
*Mark Elford, Executive Director in the Department of Planning, Transport and Infrastructure, South Australian Government, Australia*
- E-Mobility in Vienna, interoperability of the charging stations across countries  
*Wolfgang Illes, Wien Energy, Vienna, Austria*
- Weaving out of San Francisco Transport Challenge  
*Timothy Papandreou, Deputy Director, Sustainable Streets, San Francisco, United States of America*

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11:00–12:00 Closing, summary and outlook

Insights gained from the congress and how these insights can be used for future EcoMobility in cities. The diverse perspectives, innovative ideas, and practical examples explored in the congress can be taken home, adapted, and applied to the cities, organizations, businesses, research, and everyday lives of participants.

**Moderator:** Monika Zimmermann, Deputy Secretary General, ICLEI

- Reflections on the Congress
- ICLEI's EcoMobility Program for Cities
- Suwon 2013 EcoMobility Impulse (Adoption)
- Impressions of the Festival
- Closing remarks from Host City: Sungkyun Yun, 1st Vice Mayor, Suwon City, Rep. of Korea
- Formal Closing