

A Future with Zero CO₂ Emissions

A European conference for local governments on climate protection and promotion of renewable energy

Stockholm, Sweden
15 – 17 May 2006



Draft Programme



08:00 Registration opens

09:00 Training Sessions

All conference participants can attend the training sessions. Registration is required as well as a minimum number of registered participants. Spaces are limited and will be assigned on a first come first serve basis.

T1 Forecasting and monitoring: the HEAT tool and how to measure ghg emissions

T2 Participating in the CCP campaign

T3 EU funding programmes and proposal writing
Co-host: ManagEnergy

T4 The role of Youth: the Youth forum

11:30 Welcome & Introduction

Chair: *Vivian Gunnarsson, Vice Mayor of Stockholm, Sweden*

Welcome by the host and ICLEI

- > *Annika Billström, Lady Mayor of the City of Stockholm, Sweden*
- > *Gino Van Begin, Regional Director for Europe, ICLEI-Local Governments for Sustainability*

Action and commitment: a compelling address on the need for courageous local leadership

- > *Nicky Gavron, Deputy Mayor, Greater London Authority, UK*
- > *Greg Nickels, Mayor, Seattle, USA (tbc)*

13:00 Lunch

14:30 Radical targets for a future with zero CO₂ emissions

Chair: *Gino Van Begin, Regional Director for Europe, ICLEI-Local Governments for Sustainability*

Municipal movement: the Cities for Climate Protection™ Campaign

- > *Michael Edwards, Deputy Leader, Nottingham City Council, UK (tbc)*

Radical targets – a push forward for climate protection:

Energetic solar policies in München

- > *Hep Monatzeder, Deputy Mayor, City of München, Germany (tbc)*

Target Zer0 Initiative in Stockholm

- > *Vivian Gunnarsson, Vice Mayor of Stockholm*

OPEN SPACE: Does your city have an outstanding example about the use of targets?

Please contact ICLEI - Local Governments for Sustainability

16:00 Coffee break

16:30 Panel discussion on the role of large cities

Open discussion among representatives of large cities about their role in the climate challenge and the importance of identifying ambitious targets.

17:15 Challenges of climate change: mitigation and adaptation

There is scientific evidence that climate IS changing already. Mitigation alone may not be enough. Cities may have to face high costs in the future if they do not act now.

Chair: *Tom Hedlund, Principal Secretary Commission on Climate and Vulnerability, Stockholm, Sweden*

Presentation on:

Global Climate Trends

Integrating mitigation and adaptation in practice

18:00 End of the session



09:00 Back-casting the future

Back-casting is a methodology to plan climate action in a city. Participants are given the opportunity to understand how the methodology works, what its benefits are, and to consider whether this may help them in their work at home.

> David Waldron, Programme Manager, Blekinge Institute of Technology, Karlskrona, Sweden

10:00 Coffee break

10:30 Parallel Sessions: Actors and actions addressing climate change

Traffic and land use: two of the main causes of ghg emissions will be discussed in the parallel sessions. The responses, political visions and actions of actors like local government, business and youth will be taken into account, with the aim of identifying how radical targets can support the efforts in these policy fields.

A1 Achieving sustainable mobility	A2 Improving land use planning	A3 Synergies between energy planning and mobility/land use planning <i>Co-host: ManagEnergy</i>	A4 Mobility and land use planning. Business action and potential of public/private interaction	A5 Public participation, political consensus & the involvement of civil society in city planning
How are local transport planning and mobility policies contributing to achieve drastically lower ghg emissions?	Land use planning contributes to achieve drastically lower ghg emissions.	Need for cooperation models of interdepartmental planning.	How can business and Local Government work together at emissions reductions projects in the fields of transport and land use planning?	Political consensus and civil commitment as success factors.

13:00 Lunch

14:30 Actors and actions addressing climate change

Energy use and fossil fuels are among the main causes of ghg emissions and will be discussed in these parallel sessions. The responses, political visions and actions of actors like local government, business and youth are going to be particularly taken into account. One of the main aim of the sessions is to identify how radical targets can support the efforts in these policy fields.

B1 Energy Efficiency	B2 Renewable Energy	B3 Sharing solution with citizens to save energy and improve the use of renewables	B4 Energy & renewables: Business action and potential of public/private interaction	B5 Adaptation strategies within city planning
What are the good practices of local governments in the field of energy efficiency and how do they contribute to achieve radical ghg reduction?	What are the good practices of local governments in the field of renewable energy and how do they contribute to achieve radical ghg reduction?	Political consensus and direct involvement of citizens and stakeholders as a key to success. <i>Co-host: ManagEnergy</i>	How can business and Local Government work together at emissions reduction projects in the fields of energy efficiency and renewable energy?	Adapt to climate change: increase the resilience of cities and towns. Presentation of good practice.

16:30 Coffee break



17:00 Local government acting internationally

Over recent years, local governments have increasingly demonstrated their commitment to reduce CO₂ emissions. Their power of action sets examples for all national and international actors. After a concise presentation of ICLEI's international efforts on climate protection by the Chair, a series of courageous examples from around the world will be presented.

Chair: *Jim Yienger, International Technical Program Manager, CCP Campaign, ICLEI - Local Governments for Sustainability*

World Mayors Council on Climate Change

> *Patrice Mugny, Member of the World Mayors Council on Climate Change, Vice Mayor, City of Geneva, Switzerland (tbc)*

The Australian Greenhouse Office supporting local governments

> *Bronwyn Pollock, Director, Community Partnerships, Department of the Environment and Heritage, Australian Greenhouse Office, Parkes, Australia (tbc)*

An example from India

> *Sanjay Jaju, Commissioner, Municipal Corporation of Hyderabad, Hyderabad, India*

OPEN DIALOGUE with panelists

18:30 End of the session

20:00 Reception hosted by the City of Stockholm



The World Mayors Council on Climate Change was initiated by Mayor Yorikane Masumoto, City of Kyoto, Japan, following the entry into force of the Kyoto Protocol in February 2005.

The WMCCC held its Inaugural Meeting at Montréal City Hall on 5 December 2005, at the occasion of the UN Framework Convention on Climate Change COP11/MOP1 UN meetings.

The key purposes of the Council are:

- to politically promote climate protection policies at the local level;
- to foster the international cooperation of municipal leaders on achieving climate targets;
- to strengthen the political profile and impact of the Cities for Climate Protection Campaign;
- to help, through advocacy, make the multilateral mechanisms for global climate protection effective.

For more information, please visit:

www.iclei.org/worldmayorscouncil



09:00 European and international action for climate protection

Local government action takes place within a larger political framework driven by national, European, and international levels decision-making processes. What are their recommendations on efficient cooperation and partnership with local government?

- > *Lena Sommestad, Swedish Ministry of the Environment (tbc)*
- > *Anders Wijkman, Member of the European Parliament, Committee on the Environment, Public Health and Food Safety*
- > *Fabrizio Barbaso, Deputy Director General, European Commission/DG Energy and Transport, Coordination of energy policies (tbc)*
- > *NN, UN Framework Convention on Climate Change (UNFCCC) Secretariat*

10:30 Coffee break

11:00 Round tables

R1 Climate protection implementation in countries in economic transition	R2 Back-casting: discussions on how to implement it	R3 Political commitment at local level: how to achieve it and maintain it
R4 Large cities: future cooperation and projects	R5 Carbon neutral / carbon off-set	R6 EU emission policy

12:00 Committing to radical targets: A strategy for A Future with Zero CO₂ Emissions

The closing ceremony will celebrate the launch of a reinforced, local climate strategy in Europe - "Implementing ambitious, long term climate targets". The Chair of the session assisted by an honorary panel of urban players will present and comment this strategy. In the framework of the Cities for Climate Protection™ campaign in Europe, ICLEI and the participating cities will take up this strategic approach in their future work.

Chair: *Beate Weber, Lady Mayor, Heidelberg, Germany and former Member of ICLEI's Executive Committee*

- > *City of Stockholm, Sweden: Vivian Gunnarsson, Vice Mayor*
- > *Representative of the business: BLICC - Business Leaders Initiative on Climate Change*
- > *Representative of the youth group: Claire Stockwell, Coordinator, Montréal 2005 International Youth Summit on Climate Change*
- > *European Commission/DG Energy and Transport: Fabrizio Barbaso, Deputy Director General, Coordination of energy policies (tbc)*
- > *ICLEI - European Secretariat, Ilaria De Altin, Coordinator Climate & Air*

13:00 End of the session and farewell

13:15 Lunch

14:30 Technical Visits

The City of Stockholm invites the conference participants to visit projects and sites of interest in the city or near surroundings. Registration is required as well as a minimum number of registered participants per visit. More information on the tours will be available on the web site soon.

- V1:** Integrated energy solutions in Hammarby Sjöstad - an eco friendly new part of town
- V2:** Bio-fuels on a large scale in the district heating system - Hässelby heat and power plant
- V3:** Meet families which are trying to change their lifestyle to become more climate-friendly
- V4:** A close look at Stockholm's need to adapt to climate change - Canoeing downtown Stockholm
- V5:** Renewable fuels from well to whell
- V6:** Stockholm National Urban Park



Description of Technical Visits

V1 Integrated energy solutions in Hammarby Sjöstad - an eco-friendly new part of town

Hammarby Sjöstad is an exciting and beautiful new district in Stockholm where the City has imposed tough environmental requirements on buildings, technical installations and the traffic environment, from day one.

Stockholm Water Company, Fortum and Stockholm Waste Management Administration have jointly integrated the technical supply systems to an eco-cycle model. We will get an overview at GlashusEtt, the centre for environmental communication to the inhabitants of Hammarby Sjöstad. We will then bike through the district to the residential building Holmen, the winner of Stockholm Environment price for 2000.



V2 Bio-fuels on a large scale in the district heating system - Hässelby heat and power plant

At the shore of Lake Mälaren you will find the first plant in Stockholm built for combined heat- and power production - Hässelbyverket, Fortum Heat. The plant began working with coal as fuel in 1959, but today produces heat to over 45,000 households in the western part of Stockholm and 260 GWh electricity, using 99% renewable fuel. This solution spares the atmosphere from about 500,000 tones CO₂ per year.



V3 Meet families who are trying to change their lifestyle to become more climate-friendly

The City of Stockholm is learning from a "mini-Stockholm", consisting of 60 families, how to change life-styles in order to use less energy and develop sustainable consumption patterns. The families register all their purchases, both services and products. A Dutch data-programme convert Swedish crowns into emissions of carbondioxide. The families are ambassadors for the cause, and have appeared about 30 times in national and local television, radio and newspaper, during the past half-year.



Photo by Patrik Aspörs

V4 A close look at Stockholm's need to adapt to climate change – Canoeing in down-town Stockholm

Stockholm will be affected by climate change. The City lies beside the beautiful lake Mälaren, which also is used to supply Stockholm with drinking water. Mälaren is important for transportation and for out-door activities. Buildings and houses lie close to the lake and the subway runs below its water. Paddle around in a canoe near the City Hall and discuss with Per Rosenqvist, from the National Commission on Climate and Vulnerability and Anders Roman, from the City Development Administration! You must be able to swim and should bring one change of clothes with you.



V5 Renewable fuels from well to wheel

Creating a shift from fossil to renewable fuels for transportation is an enormous challenge. In Stockholm, the municipality and the county work together with the car and fuel industries to make this transition happen. See the local production of biofuels from sewage sludge, and the bus depot where only renewables are used. Visit the ecological neighborhood in Hammarby Waterfront where the inhabitants can book a biofuelled car through the local car-sharing system, and refuel it at the local filling station. Here, renewable fuels are a part of everyday life. You will travel by one of the hundreds of biofuelled public buses.



V6 Stockholm National Urban Park

Strömma canal sight-seeing boat will collect you outside the conference venue in central Stockholm, and take you to the surrounding National Urban Park. The park is a green oasis, with a unique mixture of cultural heritage and natural features, a stone's throw from the city centre. An important part of a sustainable city life.

