

# Programme of the conference (as of 09 October 2010)

TIME	Thursday 14 October	Friday 15 October
9:00	<b>Registration</b>	<b>Plenary 4</b> Integrated sustainable urban mobility concepts and renewable energy
11:00	<b>Plenary 1</b> Conference opening	<b>Session A2:</b> Concept development: renewables and integrated sustainable urban mobility
13:00	<b>Plenary 2</b> Renewable energy potential in urban mobility	<b>Session B2:</b> Renewable energy for individual transport
15:00	<b>Lunch</b>	<b>Lunch</b>
17:00	<b>Plenary 3</b> Sustainable mobility concepts, planning and the role of renewables (with Solar Summit)	<b>Plenary 5</b> Future perspectives and their role of renewables in urban mobility: needs and expectations
19:00	<b>Session A1:</b> Renewable energy in mass transport	<b>Plenary 6</b> Summary and outlook
	<b>Session B1:</b> Pilot projects for e-mobility	<b>Free evening to explore Freiburg</b>
	<b>Study tours</b>	

## Wednesday 13 October 2010

14:00 – 18:30

**REGISTRATION** - Registration desk on the second floor of the Konzerthaus

16:00 – 18:00

**STUDY TOURS** - Meeting point in front of the Konzerthaus (Concert Hall)

All participants are invited to take part in the study tours organised showcase interesting and innovative sustainable energy solutions in practice - successful examples of renewable energy, energy efficiency and urban transport initiatives in the Green City and Solar Region of Freiburg.



T.1: Visit to Vauban District	T.2: Exploring future urban mobility at "Mobile", Freiburg's centre for ecomobility	T.3: Freiburg Traffic Tour
<p>Find out about the urban development of this highly ecological district. A former military base redeveloped in the 1990s into a new district for 5,000 inhabitants, Vauban is an internationally known model of sustainable urban planning. During this study tour you will learn more about the mobility concept, renewable energy, citizen engagement and low-, passive-, zero- and surplus energy buildings.</p> <p><b>Organiser:</b> Innovation Academy e.V.</p>	<p>Explore "Mobile", the centre of ecomobility, a trendsetting project, where ecomobility services are combined with social measures to help people reintegrate into the job market. The study tour will include a short presentation of the centre's history and future, including the innovative "MobilityPoint" urban mobility concept, a guided tour around the building, its automated bike park and car-sharing concept. You will have the chance to test various electric vehicles (from foldable e-bikes to e-scooters).</p> <p><b>Organiser:</b> Mobile</p>	<p>On this tour you will explore the main traffic junctions in Freiburg and get further information about the traffic concept in Freiburg and the connection between town planning and traffic planning. You also have the chance to learn more about the streetcars which run with ecological electricity. You will also travel around Freiburg in one of the streetcars of the VAG, Freiburger Verkehrs AG, a city owned company for traffic planning and management.</p> <p><b>Organiser:</b> VAG, Freiburger Verkehrs AG</p>

18:30

**Busses will pick up participants at the Konzerthaus to bring them to the NETWORKING EVENT - FREIBURGER SOLARNACHT (19:00)**

Organised at Fraunhofer ISE, in the framework of the conference series "Solar Summits Freiburg", this networking event will allow participants and speakers of both events to enjoy a relaxed atmosphere for conversation and interaction with each other, as well as with the Fraunhofer ISE staff, representatives of the solar industry and from the Solar Region Freiburg in an informal setting. It will include a dinner buffet, live music performances and a walking act.



## Thursday 14 October 2010

8.30

**REGISTRATION OPENS** - Registration desk on the second floor of the Konzerthaus

9:30 – 10:30

### PLENARY 1 - CONFERENCE OPENING

*A warm welcome to all delegates, this opening plenary will introduce the main conference themes addressed and offer a review of the perspectives and scenarios for energy and transport. Keynote speakers will share solutions and ideas in response to a changing energy environment and address issues of strategic importance for progressive renewable energy and urban mobility policies in Germany, Europe, and internationally.*

**Welcome by host city and Local Renewables partner** – Dieter Salomon, Lord Mayor, City of Freiburg, Germany

**Introduction** – Wolfgang Teubner, Executive Director, ICLEI Europe, Germany

**Perspectives and role of e-mobility and renewable energy in Germany – how it is supported** – Markus Becker, Advisor, Department of Environment and Transport, Federal Ministry of the Environment (BMU), Germany

**Demand and supply of renewable energy in future transport scenarios: range of options** – Lew Fulton, Senior Transport Energy Specialist, International Energy Agency (IEA), France

*Runder Saal*

10:30 – 11:00

*Break*

11:00 – 13:00

### PLENARY 2 – RENEWABLE ENERGY POTENTIAL IN URBAN MOBILITY

*Experts share their findings on the latest developments in renewable energy and mobility. They will reflect on market perspectives and the speed of introducing new car technology, and look into the infrastructure changes needed to scale up renewable energy use and e-mobility. Speakers will have the opportunity to enter into a lively moderated discussion before closing the session with a wrap-up by the chair.*

**The future of mobility - Scenario for the year 2030** – Irene Feige, Project Manager, Institute for Mobility Research (Ifmo), Germany

**Urban market introduction perspectives** – Christian Thiel, Joint Research Centre, Institute for Energy, European Commission, the Netherlands

**Use of biofuels in urban mobility** – Nils-Olog Nylund, Chief Research Scientist, Vtt processes, Finland

**E-mobility, renewables and smart grids** – Ludwig Karg, Chairman, International Network for Environmental Management (INEM); Executive Director, BAUM Consult GmbH, Germany

*Runder Saal*



13:00 – 14:30

*Lunch*

14:30 – 16:00

### PLENARY 3 – SUSTAINABLE MOBILITY CONCEPTS, PLANNING AND THE ROLE OF RENEWABLES

*This session will be jointly organised with the Solar Summit Freiburg 2010. It is an ideal occasion to find out more about the latest advances, current market condition and future developments in renewable energy carriers and their contribution to the field of sustainable mobility in the future.*

**Better place – next generation mobility** – Rolf Schumann, Head of Project Development in Europe, Better Place, CEP, Europe, Business Development

**The future of urban transport** – Andreas Knie, Director Intermodal Services and Business Development, Deutsche Bahn Rent GmbH, Germany

*Speakers will be joined on stage by several experts, for a panel discussion comparing various clean technologies, including fuel cells, battery-electric vehicles, biogenic fuels, and mobility concepts, and how these can be best applied by local governments.*

**Facilitator:** Eicke R. Weber, Director, Fraunhofer ISE, Germany

Wolfgang Seibold, Partner, Earlybird Venture Capital, Munich, Germany

Wolfgang Teubner, Executive Director, ICLEI Europe, Germany

*Rolf Böhme Saal*

16:00 – 16:30

Break

16:30 – 18:00

PARALLEL  
SESSIONS

## A1: RENEWABLE ENERGY IN MASS TRANSPORT

Mass public transport is a key pillar for sustainable urban transport strategies. There are various options to introduce renewable energy use and energy efficiency measures in the system. City representatives will show good practice examples and discuss their approaches with the audience.

**Facilitator** Melanie Kloth, Project Manager, Polis - European Cities and Regions Networking for Innovative Transport Solutions, Belgium

- **100% renewable energy for the city tram system – VAG Freiburg** – Andreas Hildebrandt, Press Officer, Freiburger Verkehrs AG, Germany
- **Electric light rail and bus grid in Jerusalem** – Nimrod Levy, Air Quality Coordinator, City of Jerusalem, Israel

Discussion

EN Room 9

## B1: PILOT PROJECTS FOR E-MOBILITY

In many countries there is a big push for the introduction of electric vehicles through subsidised pilot projects. Cities will present current projects and how these are expected to influence their mobility and transport, as well as their future energy supply strategies. Issues like supply infrastructure, renewable energy availability and costs will feed into a lively discussion.

**Facilitator** Maryke van Staden, Coordinator Climate & Air Team, Coordinator of the CCP Campaign, ICLEI Europe, Germany

- **Introducing electric vehicles and connected infrastructure in Warsaw** – Leszek Drogosz, Director, Infrastructure Department, City of Warsaw, Poland
- **Amsterdam electric scheme – 200,000 battery-driven vehicles in Amsterdam in 30 years' time** – Maarten Linnenkamp, Director, Air Quality Department, City of Amsterdam, the Netherlands

Discussion

EN, FR Runder Saal

18:00 – 20:00

STUDY TOURS - Meeting point in front of the Konzerthaus

STUDY  
TOURS

## T.4: Visit to Vauban District

Find out about the urban development of this highly ecological district. A former military base redeveloped in the 1990s into a new district for 5,000 inhabitants, Vauban is an internationally known model of sustainable urban planning. During this study tour you will learn more about the mobility concept, renewable energy, citizen engagement and low-, passive-, zero- and surplus energy buildings.

**Organiser:** Aiforia, Agency for Sustainability and Freiburg Futour

## T.5: Visit to Rieselfeld District

This tour consists of a walk through the state's largest neighbourhood project, a model of ecological housing for 11,000 people in a modern district. All residences are low-energy buildings, and the use of renewable energy and district heating are part of the far-sighted energy concept. In this tour you will have the opportunity to explore the district's energy and mobility concept, low energy buildings, open spaces, greens and nature reserves.

**Organiser:** Aiforia, Agency for Sustainability and Freiburg Futour

## T.6: Visit Freiburg's Historic City Centre

This tour will guide you through the historical and current development of Freiburg's Old Town. During a walk through the centre you will learn about: the medieval center of Oberlinden, the refurbishment of the old town during the 1970s in Konviktstraße, the enlargement of the pedestrian area, the development of a tram network since 1901 and parking management.

**Organiser:** Innovation Academy e.V.



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## Friday 15 October 2010

9.00 – 10.00

### PLENARY 4: INTEGRATED SUSTAINABLE URBAN MOBILITY CONCEPTS AND RENEWABLE ENERGY

*After a summary of highlights from the previous day, a discussion of experiences will follow on the roll-out and integration of local renewables in urban transport. Its focus will be on how to accelerate the market for renewable energy and its practical implementation in European cities.*

**Facilitator:** Christof Timpe, Head of Energy and Climate Protection Department, Öko-Institut, Germany

#### Summary of discussion highlights from previous day

**New fuels – the need for urban planning and new infrastructure** – Karl Otto Schallaböck, Deputy Head of Research Group Future Energy and Mobility Structures, Wuppertal Institute for Climate and Environment, Germany

**Development of charging infrastructure for electric vehicles in urban areas** – Michael Weltin, Strategy and Business Development, E.On Energie AG, Germany

*Runder Saal*



10:00

*Break*

10:30 – 12:00

PARALLEL SESSIONS

### A2: CONCEPT DEVELOPMENT: RENEWABLES AND INTEGRATED SUSTAINABLE URBAN MOBILITY

*New fuels and renewable sources are important elements of a sustainable urban transport and mobility strategy, but they will have to be combined with other measures to ensure a holistic approach is taken. Cities will demonstrate how they plan and integrate renewable energy and new technologies into their sustainable transport strategies. Challenging concepts will be presented leading to interesting discussions with the participants.*

**Facilitator** Carsten Rothballer, Climate Policy Officer, ICLEI Europe, Germany

- **Planning and using biofuels in Stockholm** – Gustaf Landahl, Head of Planning and Environment Department, Environment and Health Administration, City of Stockholm, Sweden
- **Barcelona electric car plan** – Ramon Pruneda, Project Coordinator, Strategic Factors, Barcelona City Council, Spain
- **Carbon responsible transport** – Michael Glotz-Richter, Senior Project Manager, City of Bremen, Germany

Discussion

*EN Room 9*

### B2: RENEWABLE ENERGY FOR INDIVIDUAL TRANSPORT AND CAR-SHARING

*The introduction of e-car technology is providing various challenges to users and producers. The acceleration of its introduction may lead to new mobility models and change the role of car manufacturers into mobility service providers. Interesting and challenging options for cooperation and linkages to public transport and integrated service concepts can result from these developments. Various state of the art models for car-sharing and e-bikes will be presented and discussed.*

**Facilitator** Marissa Walzer, Renewable Energy Consultant, Endura Kommunal GmbH, Freiburg, Germany

- **Electric car-sharing** – Matthieu Graindorge, European Project Manager, Mobility Department, Urban Community La Rochelle, France
- **Car-sharing and hybrid cars** – Andreas Leo, Corporate Communications Manager, Daimler AG, Germany
- **Bicycle and renewables: a complementary choice?** – Kevin Mayne, Vice President, European Cyclists' Federation (ECF), United Kingdom

Discussion

*EN, FR Runder Saal*



12:00 – 13:00

*Lunch*

13:00-14:45

**PLENARY 5: FUTURE PERSPECTIVES AND THE ROLE OF RENEWABLES IN URBAN MOBILITY – NEEDS AND EXPECTATIONS**

*This plenary will be made up of a riveting discussion panel, which will bring together several stakeholders – the car industry, local governments, energy suppliers and environmental organisations – to discuss their different views on the future of renewables in urban mobility. It will be a unique opportunity to understand diverse perspectives and get the “full picture” of this dynamic and multifaceted topic. It is also an occasion for exploring a joint and constructive approach to address the challenges posed and opportunities offered by this innovative field.*

**Facilitator:** Wolfgang Teubner, Executive Director, ICLEI Europe, Germany

**Peter Dolejsi**, Mobility and Sustainable Transport Director, European Automobile Manufacturers Association (ACEA), Belgium

**Michael Weltin**, Strategy and Business Development, E.ON Energie AG, Germany

**Chris Bowers**, Consultant and Editor, European Federation for Transport and Environment, Belgium

**Eicke R. Weber**, Director, Fraunhofer ISE, Germany

**Michael Glotz-Richter**, Senior Project Manager, City of Bremen, Germany

**Gustaf Landahl**, Head of Planning and Environment Department, Environment and Health Administration, City of Stockholm, Sweden

*Runder Saal*

*Coffee will be served in the Runder Saal between 14:45-15:00*

15:00-15:30

**PLENARY 6: SUMMARY AND OUTLOOK**

*Presentation of key findings and messages of the Local Renewables 2010 Conference, with a final summary and a future outlook on urban sustainable mobility.*

**Main messages and reflections of Local Renewables 2010 conference** - Rian van Staden, Principal and Senior Consultant, Intelligent Renewable Energy, Freiburg, Germany

*Farewell to participants.*

*Runder Saal*