

Local Renewables Freiburg 2007

Powerful local action for secure and sustainable energy in Europe

13 – 15 June 2007

Freiburg im Breisgau, Germany



Languages

- English
- German: Simultaneous translation
- French and Italian: Limited translation

Freiburg 
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I.C.L.E.I
Local Governments
for Sustainability



An I.C.L.E.I Initiative

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German EU Presidency

  2007 DE



In the first half of 2007 Germany is assuming the European Union Presidency. During its Presidency Germany intends to do its part to ensure that the EU can successfully rise to the internal and external challenges it faces.

A secure, economically viable and environmentally friendly energy supply is a crucial factor for Europe's future development. The German Presidency has highlighted the issues of energy efficiency and renewable energy sources to ensure the implementation of an innovative and sustainable energy supply, which is an area where local authorities also have a role to play.

Furthermore, climate protection must be intensified worldwide to prevent economic, social, and environmental upheavals. The German Presidency will press for a common EU position on international climate protection after 2012.

As such I am delighted to take on the role as patron for the conference 'Local Renewables Freiburg 2007 – Powerful local action for secure and sustainable energy in Europe'.

Sigmar Gabriel
Minister for the Environment, Nature Conservation and Nuclear Safety
Federal Ministry of the Environment, Nature Protection and Nuclear Safety



I am pleased to welcome you to participate in the Local Renewables Freiburg 2007 Conference in Baden-Württemberg!

It is with great pleasure that I act as patron for this significant event. Environmental innovation and research play a particularly important role in the region of Baden-Württemberg. Numerous world-renowned companies are based here, in part due to the excellent framework conditions, but also because of the attractive landscape and the well-known ecological quality of the region – all contributing to a well-deserved reputation for excellent quality of life in a high-tech centre.

Reputable research centres and countless manufacturers of environmentally friendly technologies play an important role in the region, addressing the development and improvement of environmental technologies – with support by the State government. This contributes to the exceptional standing this region enjoys. An important centre of this development is the „European Solar Capital“ of Freiburg, housing world-leading research institutes and companies active in the field of renewable energy.

I am pleased that Local Renewables 2007 will take place in the City of Freiburg, and wish all the participants an interesting and successful dialogue, the sharing of useful information and a comfortable stay in the 'region of environmental technology' – Baden-Württemberg.

Günther H. Oettinger
Minister President
State of Baden-Württemberg



Climate protection has to be addressed urgently. Recent United Nations reports on dramatic climatic changes and the impact on the environment and mankind clearly indicate that an imminent catastrophe can only be averted through immediate and effective counteraction.

In this regard cities and towns have a particular task, as climate protection should start at a local level. This includes changing to and supporting the implementation of renewable energy sources, such as solar-, wind-, water-, and bio-energy, as well as the use of geothermal energy – key elements for effective climate protection.

In no area of local politics is the quote "think globally, act locally" more relevant than to climate protection. 'Think globally' means to look beyond one's own borders, and incorporate ideas and experiences of other communities into a broader frame of reference.

The conference Local Renewables Freiburg 2007 is a platform for exchange among municipal leaders, energy experts, the energy industry, as well as institutions of the European Union (EU) and NGOs.

The City of Freiburg, in close cooperation with the European Secretariat of ICLEI – Local Governments for Sustainability, ICLEI's International Training Centre and with support of the EU, invites participants to join the dialog addressing a forward-looking approach for a common future. With this event we provide an active contribution to the goals of the European Energy, Climate Protection and Development Policies, within the framework of the German EU Presidency in 2007.

On behalf of the host city Freiburg I wish to thank all those who are helping to make this conference possible, in particularly the European Commission, the German Federal Ministry for Environment, Nature Conservation and Nuclear Safety, as well as the Freiburg-based ICLEI as co-organiser.

Dr. Dieter Salomon
Lord Mayor of Freiburg

Introduction to the Conference

Local Renewables 2007: Plan for local government action

The conference will address **how** local authorities and their communities can move ahead quickly and effectively with the implementation of sustainable energy. To do so, five strategic components will be explored in depth during the parallel sessions of the event, they are presented in details in the image below.

ICLEI Guidance:

5-Component Comprehensive Implementation Strategy

Leadership - Session A

- Clarify aims and set targets
- Develop strategy considering local resources, technologies and impact
- Get political support from Council
- Lead and guide processes
- Establish a low-risk, high-yield frame-work

Support - Session B

- Identify European and national support structures and actions for local authorities

Stakeholders - Session C

- Identify relevant partners and stakeholders
- Involve them in planning and discussions
- Identify opportunities and tasks

Implement - Session D

- Develop plan of action with clear steps and deliverables
- Link time and plan of action, identify capacity-building needs
- Implement with support of experts

Review

- Implement a review system to identify problem areas
- Revise plans as needed
- Provide feedback to stakeholders, in particular to the public
- Share experiences with other local authorities

© ICLEI April 2007

Context for action at community level

Diverse reasons attract local governments to strongly engage in sustainable energy

- **Cost effectiveness:** Reduce energy demand (conserve energy – change human behaviour), use energy efficiently (products and measures), reduce the cost of energy transmission and distribution (and associated waste) – and save money. Also avoid steadily increasing prices for oil, coal, natural gas – and switch to local clean resources.
- **Practical available solutions:** Energy efficiency and renewable energy technologies are mature expertise is widely available. Use your local energy resources such as solar radiation and wind.
- **Local development:** Opportunities and potential of sustainable energy to strengthen the local economy – new jobs, sustainable development, growth of local SMEs (Small and Medium-sized Enterprises), and establish local ESCOs (Energy Service Companies).
- **Secure energy supply:** Decentralised, diversified energy options can secure the local supply against the threat of terrorism and natural disaster. Move away from finite sources of fossil fuel that cause CO₂ emissions, and improve community resilience.
- **Effective CO₂ reduction:** Climate protection is a global priority. Address the urgent need to reduce CO₂ emissions, and engage and empower communities.

Europe agrees on its new Energy Policy

EU heads of state and government recently adopted an energy policy for Europe which aims to boost competitiveness, a secure energy supply, save energy and promote climate-friendly energy sources.

Local authorities need to consider actions in support of these policies, and identify ways their communities can benefit from this.

- EU CO₂ reduction target – 20% by 2020 (or up to 30% if the US, China and India make similar commitments)
- RES targets: 20% by 2020 (compared to former 6,5%).



“Join us – become active in the field of sustainable energy!”

Gino Van Begin
Regional Director, ICLEI
European Secretariat

ICLEI – Local Governments for Sustainability

ICLEI – Local Governments for Sustainability, is a worldwide membership organisation of 500+ local authorities and their associations working to achieve tangible improvements in global environmental and sustainable development. As an international local government association, ICLEI has Observer status with the United Nations Framework Convention on Climate Change (UNFCCC), and is the lead organisation representing local governments at the International climate negotiation meetings (COP).

ICLEI's Cities for Climate Protection (CCP) Campaign

The CCP Campaign was initiated in 1993 as an international campaign to bring together committed local authorities that are actively reducing greenhouse gas (GHG) emissions. Currently 800 local authorities around the world participate in this campaign. More than 160 local authorities from Europe are involved.

www.iclei-europe.org/ccp

Local Renewables Initiative (LRI)

ICLEI works with local governments which promote the generation and supply of renewable energy sources and energy efficiency in the urban environment. It has created a network open to cities around the world that have shown exemplary activities or are developing new energy programmes. Through various project LRI is working with cities to make them model in renewables energy.

www.local-renewables.org

08:30 Registration

Coffee for Study Tour and Workshop Participants
Exhibition Area Open

09:30 – 12:30 Study Tours and Workshops

Minimum of 15 participants per tour.

Please select and indicate your interest on the registration form. Your participation will be confirmed by e-mail.
Tours and workshops are in English (selected tours on last day in German), upon request one tour also in French and Italian.

The SolarRegion Freiburg shows a diversity of interesting and exemplary projects and activities of sustainable energy use.
The conference programme links up to these from a European perspective.

Tour 1

Secure, decentralised energy supply

Organiser: City of Freiburg

- **Badenova Stadium PV array:** using a local soccer stadium to engage the community. This PV array produces 250 kW, enough energy needed in the stadium.
- **Small hydropower project on the Dreisam river**
- **View of Freiburg's wind turbines:** green electricity production in an urban/rural landscape.

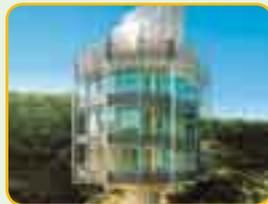


Tour 2

Solar buildings and low energy districts are cool!

Organiser: Freiburg Futour

- **Heliotrope: rotating house** (demonstration project)
- **Vauban Passive House:** 1st German example of a multi-family housing with 'Passiv Haus' standard
- **Vauban district heating with bio-energy,** an integrated concept
- **Solar Village Schlierberg:** an Energy-Plus residential complex



Tour 3

Business meets Renewables

Organiser: Solar Info Center

- **Solar-Fabrik:** Europe's 1st zero emission factory for solar modules
- **Solar Info Center:** a building and business concept (with a view of the PV roof of the Freiburg Trade Fair)
- **Waste-to-energy:** biogas and biomass (examples in Landwasser, Tulla Street, and Kahlenberg)



Tour 4

Solar Energy Research Fraunhofer Institute for Solar Energy Systems (Fraunhofer ISE)

Organiser: Fraunhofer ISE

10:30 – 12:30 (max. 20 people)

The largest solar energy research institute world-wide has three major R&D topics: photovoltaics, energy efficient buildings, as well as hydrogen technology. View the institute premises, an exemplary energy-efficient solar building, and join a guided tour through the exhibition area.



Fraunhofer ISE main building

Photo courtesy of Fraunhofer ISE. Photo by Guido Kirsch

Workshop 1

Twin towns of Freiburg: exchange and brainstorming on cooperation projects

10:00 – 12:30

Hosted by the City of Freiburg Environmental Protection Agency and Energie-Cités

Freiburg's twin towns and its other partner cities in the Upper Rhine area are invited to explore future co-operation in the energy field, to identify potential projects, identify needs and interests, and establish personal contact.

Workshop 2

LETIT tool and financing sustainable energy projects

10:30 – 12:30

Hosted by Fraunhofer ISE and Forseo

Training on tools to support communities with 'Local New Energy Technology Implementation (LETIT)', and finance instruments for local authorities to implement sustainable energy projects.

Workshop 3

Introducing the Cities for Climate Protection (CCP) Campaign

11:00 – 12:30

Hosted by ICLEI Europe

The CCP Campaign is a support network for local authorities that are active in climate change mitigation and adaptation. Local authorities that are advanced or new to this field are welcome to join the Campaign.



Updated information on the programme on the conference website

12:30 Lunch



14:00 Welcome and Opening: Local governments as key actors**Welcome and call for action**

Dr. Dieter Salomon, Lord Mayor, City of Freiburg

Regional and state governmental role in supporting local authorities

NN, Environmental Ministry of the State of Baden-Württemberg, Stuttgart

Sustainable energy impacts on security of supply, climate protection and local sustainable development

Anders Wijkman, Member of the European Parliament, Rapporteur for the Parliament's resolution on the communication from the Commission "Winning the Battle Against Global Climate Change" (tbc)

The way forward for local authorities – a time for planning and action

Gino Van Begin, Regional Director for Europe, ICLEI – Local Governments for Sustainability

Climate protection and sustainable energy at a local level – a global vision

David Cadman, President of ICLEI – Local Governments for Sustainability, Councillor of the City of Vancouver, Canada (tbc)

15:30 Coffee break**16:00 Different European climates – a variety of local success stories**

The prevailing climate impacts on many aspects of daily life. In the context of energy use, it influences the use of energy sources (local crops for bioenergy, e.g. wood or sunflowers), the way buildings are constructed (addressing the need for heating and/or cooling) or how urban planning is approached (street design and thermal comfort within cities).

Three exemplary community responses are presented, showing diverse approaches in response to different climatic zones, through effective strategies and low carbon measures.

SolarRegion Freiburg: Central European temperate climate zone

City of Freiburg, Germany

Barcelona: a typical Mediterranean climate

City of Barcelona, Spain

Stockholm: a cool temperate climate in Northern Europe

City of Stockholm, Sweden

17:00 Sustainable energy options ready for implementation

Moderation: Christine Hornstein, Executive Director, International Solar Energy Society (ISES)

A wide range of sustainable energy technologies and measures are mature and ready for widespread implementation. European energy experts provide a brief, highly informative introduction on these diverse options that should be considered for local implementation.

- **Low energy buildings: reducing the need for energy** – *Renate Hammer, Donau University, Krems, Austria (tbc)*
- **Solar thermal systems: affordable clean energy** – *Dr. Volker Wittwer, Deputy Director Fraunhofer Institute for Solar Energy Systems (ISE), Germany*
- **Photovoltaics: sexy and versatile technology** – *Rian van Staden, Principal Consultant, Intelligent RE, Germany*
- **Geothermal energy: extensive potential for communities** – *Marissa Walzer, Sterr-Kölln & Partner GbR, Germany (tbc)*
- **Small hydropower: water for energy** – *NN, European Small Hydropower Association (ESHA) (tbc)*
- **Wind energy: local resource, clean energy, local profits** – *Mikkel Aaro-Hansen, Director, Agency for Environmental Protection, Sweden*
- **Fuel cell systems and hydrogen: now and the future** – *Dr. Christopher Hebling, Head of Department Energy Technology, Fraunhofer ISE, Germany*
- **The bioenergy chain: energy for buildings and districts** – *NN*
- **Biofuels: fuel for cleaner transport** – *Leen Govaerts, Vlaamse Instelling voor Technologisch Onderzoek (VITO), Belgium (tbc)*

18:30 End of presentations**20:00 Reception at the "Historisches Kaufhaus"**

hosted by the City of Freiburg



09:00 Sustainable energy – a critical element in modern urban planning and management

Securing energy supply, addressing climate protection and local development, should be fostered through an integrated urban management approach, considering land use and infrastructure planning, and using modern energy technologies and efficiency measures.

Combining beauty, culture and technology in low energy design

Lord Norman Foster, Foster & Partners, London, United Kingdom (tbc)

Sustainable development in large French cities – an association of mayors guide national politics

Jean-Louis Fousseret, Lord Mayor of Besançon, Member of the Association of Mayors of the Large Cities in France (tbc)

Developing Solar Cities – a challenge, a requirement, a reality

Ajit K. Gupta, Group Head Adviser, Ministry of Renewable Energies, India

09:45 Local energy policies, strategies and approaches, and the strategic framework needed to support action

Introductory overview on the parallel session A and B themes to provide the focus and importance of the following sessions.

A Sessions: 'Local Progress in Practice'

Sustainable energy policy, leadership, targets, energy efficiency measures and renewable energy technologies in an urban context

- A1: Effective local policy, legislation, regulations: Rian van Staden, Intelligent RE
- A1: Local leadership, political commitment and targets: Björn Sigurdsson, City of Stockholm

B Sessions: 'Strategic Framework – Together Tomorrow'

European and national support structures and actions for local authorities

- B1: Enabling framework conditions
- B2: The role of Energy Agencies: Stefan Kohler, German Energy Agency (DENA) (tbc)

10:30 Coffee break



11:00 Parallel Sessions A and B

A sessions: Practice 'Local Progress in Practice'

Session A1

Effective local policy, legislation and regulations

Moderator: Rian van Staden, Intelligent RE

- Sector-by-sector analysis and planning as starting point to adapt local policies and regulations: the Nottingham (UK) approach
- European Energy Award: for qualification, certification and awarding of communal energy policy
- Mediterranean example of local large-scale implementation of the European Directive on Energy Performance of Buildings

Session A2

Local leadership, political commitment and setting targets

Moderator: Björn Sigurdsson, Stockholm

- Political consensus and a clear path of action in Woking (UK)
- Towards a fossil fuel free Växjö (Sweden)
- Public awareness as an essential element

B sessions: Policy

'Strategic Framework – Together Tomorrow'

Session B1

Enabling framework conditions

Moderator: NN

- Renewable Energy Law: stimulating investment in Germany
- Tax incentives: a range of European examples
- DG TREN of the European Commission – the way forward to support local action

Session B2

The role of Energy Agencies

Moderator: Stefan Kohler, DENA

- Boosting Renewable Energy Sources in Spanish communities
- Local projects supported by the Czech Renewable Energy Agency
- Successful contracting projects by the Berlin Energy Agency

Updated information on speakers on the conference website

12:30 Lunch



14:00 Key Partnerships: Business, Research, the Public and Local Authorities

Introductory presentations on the parallel sessions A and C will provide the focus and importance of the following sessions.

A Sessions: 'Local Progress in Practice' (continued)

Sustainable energy policy, leadership, targets, energy efficiency measures and renewable energy technologies in an urban context

- **A3:** Support movements for local authorities: *Ilaria De Altin, ICLEI Europe*
- **A4:** Sustainable buildings: a reality: *Dr. Rajat Gupta, Oxford Brookes University, UK*
- **A5:** District energy: heating, cooling and electricity

C Sessions: 'Financing and Facilitating Change'

Partnerships between business and local authorities in the field of sustainable energy

- **C1:** Contracting models vs. Public-Private Partnerships (PPPs): *Maryke van Staden, ICLEI Europe*
- **C2:** Critical role of business: *Uwe Ilgemann, SAG Solarstrom AG (tbc)*

14:45 Parallel Sessions A and C

A sessions: Practice
'Local Progress in Practice'

C sessions: Partnership
'Financing and Facilitating Change'

Session A3

Support movements for local authorities

Moderator: Ilaria De Altin, ICLEI Europe

- **C40 Large Cities Initiative and ICLEI's CCP Campaign supporting action**
- **Opportunities through the Sustainable Energy Europe Campaign**
- **A national movement for climate change mitigation and adaptation: the Nottingham Declaration Action Pack**

Session A4

Sustainable buildings: a reality

Moderator: Dr. Rajat Gupta, Oxford Brookes University

- **Passive solar energy in large-scale housing complexes**
- **Energy efficiency measures in the public building sector: the DEEP project**
- **Beddington (UK) Zero Energy Development**

Session A5

District energy – heating, cooling and electricity

Moderator: N.N.

- **Solar thermal district heating in Gothenburg (Sweden)**
- **Green electricity - local investment and successes in Freiburg**
- **Large-scale district energy projects in Spain**
- **District heating concepts implemented in the SESAC project**

Session C1

Contracting models vs. Public-Private Partnerships (PPPs)

Moderator: Maryke van Staden, ICLEI Europe

- **Performance contracting and public participation project examples: Eco_WATT school and Solarspar**
- **Stockholm transport partnership with the business sector**
- **Surface geothermal project examples**

Session C2

The critical role of business

Moderator: Uwe Ilgemann, SAG

- **Green public procurement on energy efficiency technologies**
- **Civil participative installations: solar and wind energy projects**
- **Solar Info Center Freiburg - a business development model for cities**
- **Indian Solar Info Centers – linking cities and business**

Updated information on speakers on the conference website

16:30 Coffee break**17:00 Breaking through Barriers – Forging a path to local sustainability**

Podium discussion between representatives of the European Parliament, Business, Local Authorities and Research.

18:30 End of presentations**19:30 Networking event**

Guest speaker: Prof. Eicke R. Weber, Director, Fraunhofer ISE

Exciting developments in solar research & development (R&D)

09:00 Local Authorities moving Ahead

Support framework in place: replicable aspects of the German Renewable Energy Law to support widespread implementation

Michael Müller, Parliamentary State Secretary of the German Federal Ministry of the Environment, Nature Protection and Nuclear Safety (BMU), Germany

Decisions and dynamic movement – moving ahead in real time

Nicky Gavron, Deputy Mayor, Greater London Authority, UK (tbc)

ICLEI's Local Renewables Initiative – guiding local governments in achieving sustainable energy targets

Monika Zimmermann, Director, ICLEI International Training Centre (ITC)

10:00 Facing the Future: Practical approaches and capacity-building opportunities

Brief introductory presentations on the parallel sessions D will provide the focus and importance of the following sessions.

D Sessions: 'Facing the Future'

Practical approaches and capacity-building opportunities

- **D1:** Sustainable energy: how to get started? *Klaus Hoppe, City of Freiburg*
- **D2:** Training and capacity-building opportunities: *Monika Zimmermann, ICLEI ITC*
- **D3:** Tools for solar building design teams: *NN*
- **D4:** Consider R&D results for future action: *Christian Zahler, PSE GmbH-Forschung, Entwicklung, Marketing*

10:30 Coffee break



11:00 Parallel Sessions D

D sessions: Action 'Facing the Future'

Session D1

**Sustainable energy:
How to get started?**

(For local government newcomers and learning cities)

*Moderator: Klaus Hoppe,
City of Freiburg*

- Practical sustainable energy experiences
- The LETIT tool and municipal experiences

Session D2

Training and capacity-building opportunities

(For professionals, students and the youth)

Moderator: Monika Zimmermann, ICLEI ITC

- International Education Center for Energy Solutions
- Craftsmen are needed!
- City-to-city exchange and training involving diverse actors
- Renewable Energy Management
- The importance of energy education

Session D3

Tools for solar building design teams

(For architects and engineers)

Moderator: NN

DECoRUM tool to track energy use and carbon emissions from residential buildings

- Practical tools to design low energy buildings
- Solar architecture training options

Session D4

Consider R&D results for future action

(For political decision-makers)

Moderator: Christian Zahler, PSE

- State-of-the-art of solar cell technologies
- Energy efficient and solar building (incl. solar cooling)
- Solar towers, heliostat and thermal storage – ready technology for large-scale implementation?

Updated information on speakers on the conference website

12:00 Sustainable Energy – What are the next steps?

A challenge to all local authorities and their partners to move forward

Dr. Dieter Salomon, Lord Mayor, Freiburg

Interactive conclusions with participants – addressing challenges and achieving success

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

Farewell by the Lord Mayor of Freiburg, Dr. Dieter Salomon

13:00 Lunch



14:30 Study Tours

Minimum of 15 participants per tour.

Please select and indicate your interest on the registration form. Your participation will be confirmed by e-mail.

Tours and workshops are in English (selected tours on last day in German), upon request one tour also in French and Italian.

The SolarRegion Freiburg shows a diversity of interesting and exemplary projects and activities of sustainable energy use. The conference programme links up to these from a European perspective.

Tour 5

Secure, decentralised energy supply
(in German)

Organiser: City of Freiburg

- Badenova Stadium PV array
- Small hydropower project on the Dreisam river
- View of Freiburg's wind turbines

See Tour 1 for details on p.4



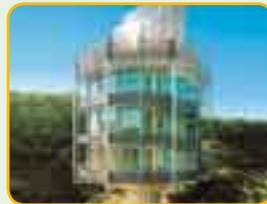
Tour 6

Solar buildings and low energy districts are cool! (in German)

Organiser: Freiburg Futour

- Heliotrope: rotating house
- Vauban Passive House
- Vauban district heating with bio-energy
- Solar Village Schlierberg

See Tour 2 for details on p.4



Tour 7

Business meets Renewables
(in German)

Organiser: Solar Info Center

- Solar-Fabrik
- Solar Info Center
- Waste-to-energy

See Tour 3 for details on p.4



Tour 8

Solar Energy Research Fraunhofer Institute for Solar Energy Systems (Fraunhofer ISE)
(in German)

Organiser: Fraunhofer ISE

10:30 – 12:30 (max. 20 people)

The largest solar energy research institute world-wide has three major R&D topics: photovoltaics, energy efficient buildings, as well as hydrogen technology.



Tour 9

Geothermal energy in office buildings

Organiser: Wärmekontor Freiburg

Heating and cooling of an office and loading bay (3.700 m² area) with geothermal energy. A guided tour will take you through UniVersa House in Freiburg, with an expert illustrating how this surface geothermal energy system operates. Co2 reduction of ± 35 tonnes per year.



Tour 10

Sustainable energy in surrounding areas

Organiser: Innovation tour

View a range of renewable energy applications, including photovoltaics (PV), biogas and wind turbines – in the area surrounding Freiburg, part of the SolarRegion.



Updated information on the programme on the conference website

17:00 End of the programme



SolarRegion Freiburg is a blueprint for sustainable regional development. Moving away from the use of nuclear energy, addressing the cautious use of valuable energy sources as well as climate protection are the objectives of the energy policy of the City of Freiburg. The implementation of solar energy in everyday practice in Freiburg has set an example and sparked ideas that has drawn worldwide attention.

Freiburg is a city in Europe that significantly contributes to the EU targets identified for the use of renewable energy sources, improving energy efficiency and reducing greenhouse gases. It is proud of its long-standing reputation as the “Ecological Capital of Germany”, which is complemented by the designation “Solar City”.

How has the city achieved its sustainable regional development?

One element has been - and remains a central aspect – namely the integration of environmental protection and nature conservation into Freiburg’s societal structure, with extensive support by the inhabitants. The successful resistance against a nuclear power station near Freiburg 30 years ago was the beginning of this history. The city has acquired a leading position in solar energy application and is renowned as a center of expertise in this field. Solar energy has also contributed to sustainable regional development, resulting in a combination of economic success and environmental benefit.

These achievements have been facilitated by the unique ‘Freiburg mix’: a longtime alliance of political decision-makers of the city, pro-active strategies of the regional power company Badenova, involvement of numerous businesses, skilled tradesmen, institutions, organisations and association, and – above all – the commitment of the local citizens.

We invite you to explore the Freiburg approach to an environmental-friendly energy policy by joining us at this exciting event – Local Renewables 2007.

The conference venue, the Solar Info Center (SIC), is a model for an economic, intelligent application of advanced energy efficient building technologies. The SIC is a platform for solar business and know-how: bringing together technical specialists, creative answers and new ideas for a future with sustainable energy solutions.

The Forum SolarRegion Freiburg has been set up by the City of Freiburg in the year 2000 as a hub for the network of solar institutions and projects. It brings together actors from business to tourism, from research to education and training, from architecture to policy making and many more. Their different interests combine to contribute to the further success in the region.

Freiburg 
IM BREISGAU

Forum SolarRegion Freiburg works as

- interface for the project network SolarRegion Freiburg, supporting inside and outside communication and co-operation
- project initiator and partner in the fields of training, education, tourism and economic development
- contact center for enquiries
- pool of information
- a promotion platform for solar energy as Freiburg’s mark of excellence.

... and welcomes

- citizens of Freiburg and the region to learn about the solar energy impact
- visitor groups from around the globe to enjoy the Freiburg solar experience
- people active in the field of solar energy and renewable energies to share their expertise
- journalists and multipliers who can disseminate useful information
- school classes and students to learn and share their perspectives.

Recent awards presented to Freiburg:

- **2007:** Winner of Solarbundesliga (German competition for solar cities and towns)
- **2004:** Winner of the Deutscher Solarpreis

www.solarregion.freiburg.de



Target Group

This European energy experts conference targets local decision-makers and municipal officers (energy / buildings / urban planning / security) from European local governments, as well as their partners. We also cordially invite policy makers from various levels of government, energy service providers, business representatives, as well as professionals on sustainable energy and policy.

We welcome both experienced local governments, as well as newcomers to the field of sustainable energy – join us, exchange, learn and get great ideas for local action!

Conference fee and registration

Full conference fee: 330 € per person

Reduced conference fee: 270 € per person

(A handling fee of 50 € will be added for all registrations received after 26 May 2007).

Reduced fees are applicable for ICLEI members, participants of ICLEI's Local Renewables Initiative (LRI) and the Cities for Climate Protection (CCP) Campaign, for participants from New Member States, Accession or Candidate countries of the EU as well as developing countries, and special partners to the City of Freiburg.

The conference fee includes: access to all sessions, tours and workshops, conference material, 3 lunches, an evening dinner and coffee breaks and 15 € as CO₂ compensation payment. To register please download the registration form: www.local-renewables2007.org

Climate Legacy Initiative

The ICLEI Climate Legacy is an initiative that aims to reduce the environmental impacts of events, especially to compensate the travel related CO₂ emissions. The money generated through the ICLEI Climate Legacy initiative will serve to finance CO₂ reduction projects.

Travel

Freiburg is easily accessible by train. The use of public transport systems for travelling to and in Freiburg is highly recommended. Details under: www.bahn.de

When travelling by air, the most convenient airports are the EuroAirport Basel-Mulhouse-Freiburg (mainly within Europe) and Frankfurt International Airport.

Relevant information on how to travel to Freiburg is available on the conference website.

Accommodation

Early booking is recommended as Freiburg is a popular tourist destination, and rooms will soon be booked out for June.

For accommodation inquiries and bookings, please refer to our website www.local-renewables2007.org. You can book your accommodation directly online with the local partner *Freiburg Incoming Touristik*, download the booking form.

Alternatively, check www.freiburg.de for other options.

Youth

Young local councilors and their partners in NGOs are invited to join the youth delegation at this conference. This delegation forms part of the new ICLEI initiative to involve young people in sustainability issues and local policy making. The goal is to increase the knowledge and capacity of young local decision-makers, and to help them network among themselves and have contact with professionals in the field.

10 young people under 30 years of age will be invited to attend the conference as part of this special delegation, and are entitled to a registration fee waiver as well as free accommodation at the youth hostel.

More information and application under www.local-renewables2007.org/youth.

Exhibition

Several exhibits on sustainable energy and local action will be available for viewing at the venue. Should you be interested in exhibiting, please contact: LR2007@iclei.org

ICLEI Cities for Climate Protection Campaign

Climate and Air Team

ICLEI – Local Governments for Sustainability

European Secretariat

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Related Events

- **Sun21:** The 10th International Energy Forum sun21 will be held from 15 – 22 June 2007 in Basel, Switzerland (<http://www.sun21.ch>)
- **Intersolar 2007:** Europe's largest solar technology trade fair will take place from 21 – 23 June 2007, in Freiburg i.Br., Germany (<http://www.intersolar.de>)



Freiburg

Located at the edge of the Black Forest, Freiburg is in the south-west of Germany, close to France and Switzerland. The university town with about 200.000 inhabitants is internationally well-known as a solar city, and is also famous for its public transport and bicycle use.

More details under: www.freiburg.de
www.solarregion.freiburg.de



Tours and Workshops

Join a tour on Wednesday and Friday to see model projects in reality. There are no extra costs but registration on the registration form or per email is required. Workshops take place on Wednesday.

Conference Languages

English is the main language for the event, but further language support will be provided:

German: Translation of plenaries and one parallel session throughout the conference.

French and Italian: Experienced translators will be available for both languages to provide translation support for small groups.

Tours will be offered in English and (some) in German. Translation into French and Italian is planned for one tour each, depending on interest and specific request.

Registration

Please download the registration form from the conference website and send it back to ICLEI as soon as possible.

Conference Venue

Solar Info Centre

Emmy-Noether Street 2
79110 Freiburg, Germany
www.solarinfocenter.de



Between 200 and 250 participants can join this special event taking place in this unique building which hosts 40 to 50 companies active in the field of sustainable energy and ecology. It is one of the first zero energy office buildings in Germany.

Conference Secretariat

ICLEI International Training Centre (ITC)

Leopoldring 3
79098 Freiburg, Germany

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Fax: +49-761 / 368 92-29

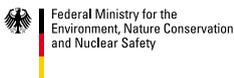
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