



EUROCITIES for Energy Efficiency:

*NiCE and the Green Digital Charter
Cascade
Covenant of Mayors*

Zagreb Energy Week, 16 May 2012

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EUROCITIES



EUROCITIES is the network
of major European cities

From Dublin to Lublin, Madrid to Manchester,
Riga to Palermo,
EUROCITIES has around 140 members
in over 30 countries

Membership of EUROCITIES is open
to European cities over 250 000 inhabitants

EU climate policies: a EUROCITIES priority



Recovery



Climate



Inclusion



Sustainable cities



- 75% of EU population
- 85% of GDP
- 75% of energy use
- 69% of Europe's CO₂



The EU cannot achieve its climate goals
without action at the local level



EUROCITIES

Working together



Influencing

- Dialogue with EU Institutions

Networking

- Sharing and improving knowledge between cities

Visibility

- Collaborative projects
 - ✓ NiCE
 - ✓ Cascade
 - ✓ Covenant of Mayors





NiCE



Networking intelligent Cities for Energy Efficiency

- Funding: FP7
- Consortium: EUROCITIES
Clicks and Links
the City of Manchester
the Leibniz Institute of Ecological
Urban and Regional Development
- Duration: 30 months (Sep 2011 – Feb 2014)
- Aim: Promote and advance
implementation of the
commitments of the Green
Digital Charter (GDC)





The Green Digital Charter

- Reducing emissions through ICT
- Promoting progress in tackling climate change through the innovative use of digital technologies in cities



3 tangible commitments:

- Work with Green Digital Charter signatories on ICT & Energy Efficiency;
- Deploy five large-scale ICT pilots per city addressing the above areas within 5 years;
- Decrease ICT's direct carbon footprint per city by 30% within 10 years.



GDC Signatories



Amsterdam, The Netherlands
Barcelona, Spain
Belfast, UK
Birmingham, UK
Bologna, Italy
Bristol, UK
Eindhoven, The Netherlands
Genoa, Italy
Ghent, Belgium
Helsinki, Finland
Linköping, Sweden
Lisbon, Portugal
Malaga, Spain
Malmö, Sweden
Manchester, UK
Murcia, Spain
Nantes Métropole, France
Nice Côte d'Azur, France
Nuremberg, Germany
Reykjavik, Iceland
Rijeka, Croatia
Stockholm, Sweden
Tallin, Estonia
The Hague, The Netherlands
Venice, Austria
Vienna, Italy
Zagreb, Croatia
Zaragoza, Spain

May 2012



NiCE

areas of actions



1. GDC Framework and Tools

establishing a replicable framework for classifying, measuring and reporting on city actions on ICT and Energy Efficiency



- Action Framework
- Reporting tools
- Action tools

2. City Support and Action

providing cities with a comprehensive range of support to help progress actions based on the GDC



- GDC contact point
- 5 trainings
- Study Tours

3. Outreach and Engagement

Developing wider synergies with key stakeholders and initiatives



- 3 roadshows
- Focus on China
- CoM



NiCE actors



- 4 NiCE consortium partners
- 2 advisory groups:
 - Reference Cities Group
 - Expert Advisory Board
- Chinese cities (Yantai)
- GDC signatory cities
- Potential signatory cities
- Third parties



NiCE & GDC web portal

- GDC info point
- Signatory cities
- NiCE project
- City Tools
- Collaboration spaces
- Online library
- e-updates

The screenshot shows the homepage of the NiCE & GDC web portal. At the top, there is a navigation bar with links: Login, Legal Notice, Translate page, and GDC Charter. Below this is a secondary navigation bar with links: NiCE project, Green Digital Charter, Signatory cities, Resources, Cooperation spaces, News and Events, FAQ, and Contacts. The main content area features a grid of images and text boxes. On the left, there is a large image of a lightbulb with the NiCE logo and the text 'Supporting the GREEN DIGITAL CHARTER'. To the right of this are several smaller images: 'NiCE' (a green landscape), 'Innovation' (a hand-drawn diagram), 'Cities' (a city street at night), 'Green Digital Charter' (a green leaf), and 'Green Digital Charter' (a green leaf). Below these images are three text boxes. The first box is titled 'First NICE training "Measuring Green IT" - Registration open' and mentions 'May 14, 2012 by - GDC InfoPoint'. The second box is titled 'Unlinking and Venice raising the Charter Signatories to 20' and mentions 'May 9, 2012 by - GDC InfoPoint'. The third box is titled 'Green Digital Study Tours: call for proposals open to all cities - Deadline postponed' and mentions 'April 24, 2012 by - GDC InfoPoint'. To the right of these text boxes is a calendar for May 2012, showing dates from 1 to 31. Below the calendar is a quote from 'Sir Richard Leese, Leader of Manchester City Council' about the commitment of cities to setting targets to reduce their own carbon footprint. At the bottom of the page, there is a row of logos: the European Union flag, the Green Digital Charter logo, the EURO CITIES logo, the Clicks and Links logo, the Manchester City Council logo, and the Leibniz Institute of Ecological Urban and Regional Development logo.

www.greendigitalcharter.eu

twitter: @GDCharter



NiCE: next steps



TOOLS

Reporting and
action tools
(June 2012)

STUDY TOURS

Call for hosts
Deadline: 31.05.12

ROADSHOWS

Call for hosts
Deadline: 15.06.12

TRAININGS

Measuring
Green IT
Belfast, 19.06.12

OTHER EVENTS

East meet West
conference
Nicosia, 04.09.12





Cascade

Cities exchanging on local energy leadership



- Funding: Intelligent Energy Europe
- Coordinator: EUROCITIES
- Expert partners:
 - Wuppertal Institute (renewable energy and distributed generation)
 - Koucky & Partner (energy in urban transport)
 - City of Malmö (energy efficient buildings and districts)
- Partner cities:
 - Amaroussion, Amsterdam, Birmingham, Burgas, Edinburgh, Eindhoven, Gateshead, Genoa, Gijón, Malmo, Mannheim, Milan, Nantes, Stockholm, Sunderland, Tampere, Terrassa, Venice and Warsaw.
- Duration: June 2011 - May 2014



gemeente Eindhoven





Project summary & objectives



Burgas, Bulgaria

- CASCADE supports cities to achieve European objectives on energy efficiency, renewable energy and reducing CO2 emissions by 2020
 - Through large-scale networking, mutual learning and best practice sharing activities, the CASCADE project will reach progressively larger numbers of cities over the course of the project
 - Partner cities will learn with and from each other about the design and implementation of sustainable energy projects, and will be then able to share the knowledge and skills with other cities
-
- Improve and accelerate the implementation of sustainable energy action plans (SEAPs) and related local sustainable targets for sustainable energy
 - Optimise networking and mutual learning between cities for meaningful and sustained communication and sharing of good practices
 - Promote the position of cities as transfer agents within their country to overcome the language barrier and extending the reach of the project



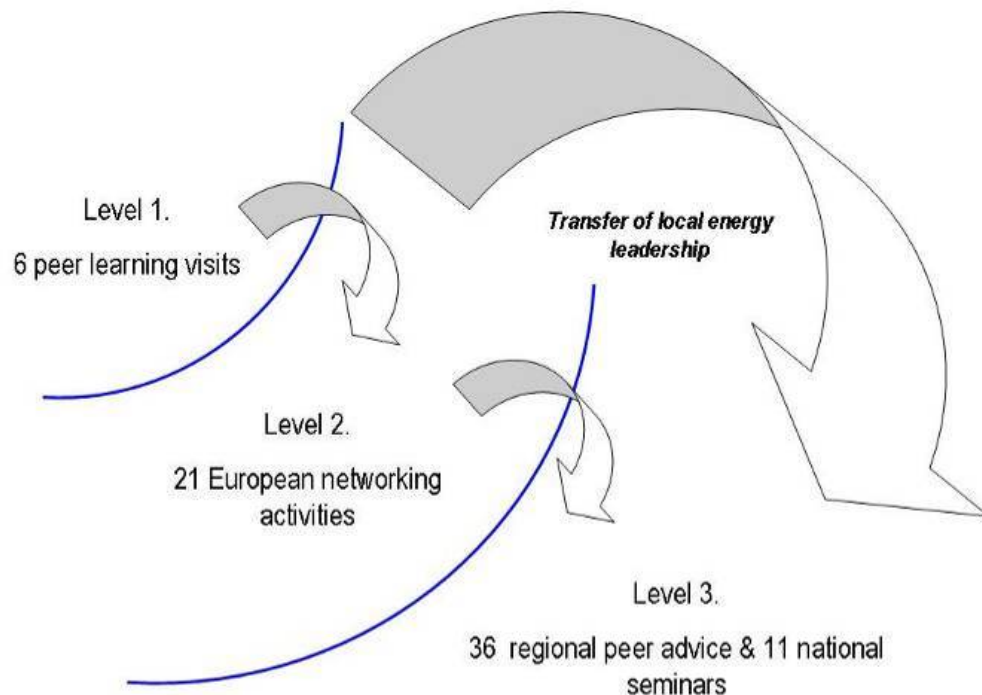
'Cascading' levels of networking and mutual learning



Level 1 (year 1) - In depth
peer learning visits among 19
partner cities

Level 2 (year 2) - **study tours,**
work shadowing and
mentoring, 20 additional
cities (mainly from new EU
member states)

Level 3 (year 3) - **national**
and regional networking
across 11 member states



Next steps

Cascade call for participation



- "peer to peer exchanges" on implementing sustainable energy policies in European cities
- CASCADE project invites other cities in Europe to join the project's networking and mutual learning activities.
- Types of exchanges: study tours, mentoring visits, work shadowing
- Thematic areas: Energy efficient buildings and districts, renewable energy, urban transport
- Budget: contribution to the travel and accommodation costs of 20 selected cities to an average of 2000 € per city
- Launch of the call: 16 May
- Deadline: 10 July
- Activities to take place between October 2012 and December 2013



Milan, Italy



Covenant of Mayors



A commitment towards Europe's energy and climate policy

- Under DG ENER
- Run by European networks of local authorities
- Administrative and technical support
- Capacity building
- Awareness raising campaigns
- Knowledge exchange



Directorate-General
for Energy





Mayors voluntarily commit to...

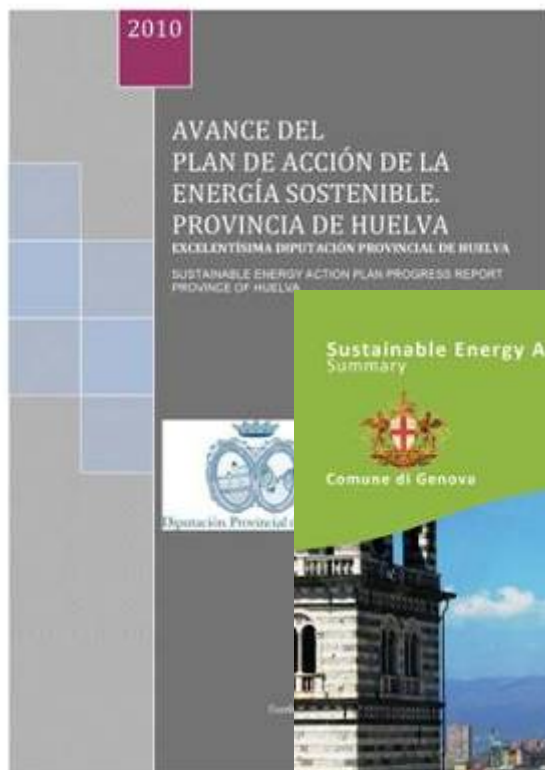
...go beyond Europe's energy objectives for 2020 by reducing the CO₂ emissions in their territories by at least 20% through the implementation of sustainable energy action plans



Map signatories & coordinators



Sustainable energy action plan (SEAP)





Learn from others

Signatories	Council deliberation	CO ₂ target	Download
Communauté de Communes du VAL D'ILLE, FR	1 Mar 2012	20%	 
Velefique, ES	15 Feb 2012	20%	 
Potenza, IT	8 Feb 2012	22%	 
Abla, ES	3 Feb 2012	21%	 
Cugir, RO	31 Jan 2012	22%	 
Arjona, ES	31 Jan 2012	29%	 
Espartinas, ES	31 Jan 2012	20%	 
Vilches, ES	30 Jan 2012	21%	 
Villacarrillo, ES	30 Jan 2012	20%	 
Montebelluna, IT	27 Jan 2012	20%	 
Comares, ES	27 Jan 2012	20%	 
Dipignano, IT	26 Jan 2012	25%	 
Arahal, ES	26 Jan 2012	20%	 
Baeza, ES	26 Jan 2012	21%	 
Casabermeja, ES	26 Jan 2012	21%	 
La Algaba, ES	26 Jan 2012	21%	 
San Roque, ES	26 Jan 2012	20%	 
Carfizzi, IT	16 Jan 2012	25%	 
Almensilla, ES	16 Jan 2012	22%	 
Vila Pouca de Aguiar, PT	11 Jan 2012	20%	 



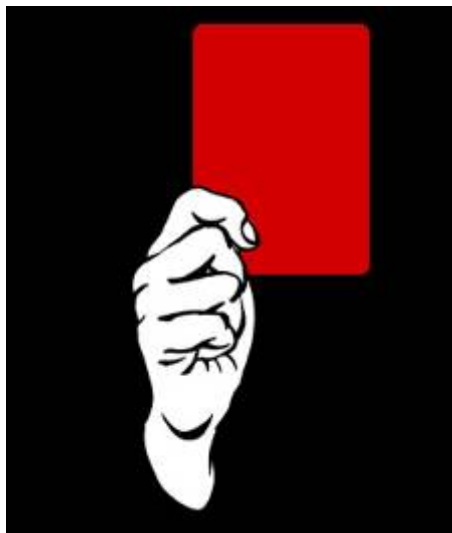
Steps





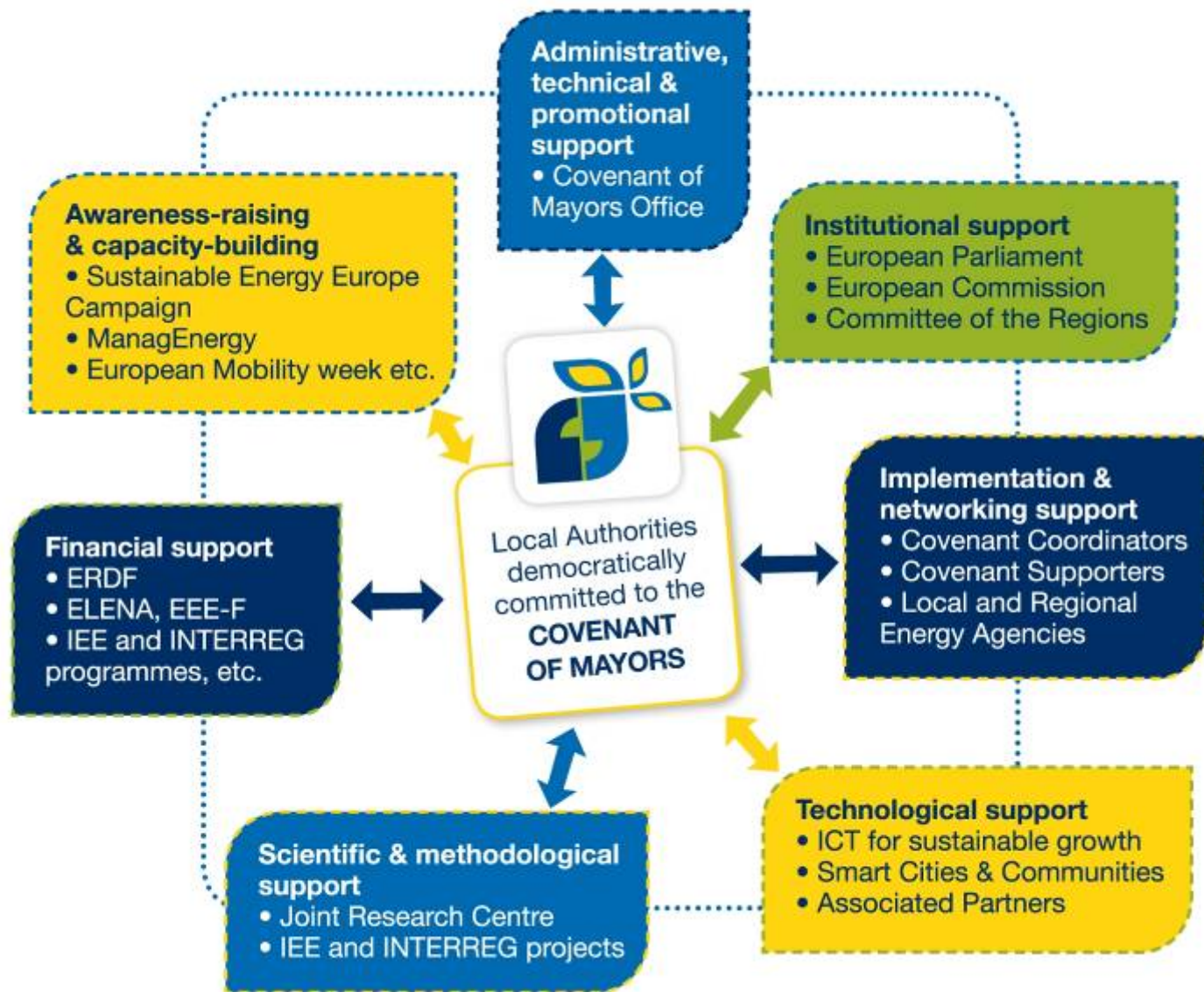
A credible Covenant

Failure to comply = suspension



32 local authorities suspended in 2010
70 suspensions in 2011

Support



Further information

www.eumayors.eu

Available in all the official EU languages



The screenshot shows the homepage of the Covenant of Mayors website. At the top, there is a logo with a stylized leaf and the text "Covenant of Mayors Committed to local sustainable energy". Navigation links include "About", "Actions", "Participation", "Support", and "Media". A search bar is also present. The main content area features a large yellow number "3,512" with the word "Signatories" below it. A text block describes the Covenant as a mainstream European movement for energy efficiency and renewable energy. To the right, there is a large image with the text "MAYORS IN ACTION" overlaid. Below this, there are two sections: "Covenant of Mayors News" and "Agenda". The news section includes a headline about a German mayor addressing the EU Energy Commissioner. The agenda section lists upcoming events, including one in Bologna, Italy, and another in Friedrichshafen, Germany.

Covenant of Mayors
Committed to local sustainable energy

[Eumayors.eu](#) [My Covenant](#)

[About](#) [Actions](#) [Participation](#) [Support](#) [Media](#)

3,512
Signatories

The Covenant of Mayors is the mainstream European movement involving local and regional authorities, voluntarily committing to increasing energy efficiency and use of renewable energy sources on their territories. By their commitment, Covenant signatories aim to meet and exceed the European Union 20% CO₂ reduction objective by 2020.

[Read more](#) [Covenant in figures](#)

MAYORS IN ACTION

Covenant of Mayors News [RSS feeds](#) **Agenda** [RSS feed](#)

Mayor of German municipality addresses EU Energy Commissioner on the Covenant
20 February 2012 - 11:43
Under the impulse of the German Covenant of Mayors Club – which is to hold its next meeting on March 27 in Freiburg, the mayor of Völs, a municipality from the Bavaria region, addressed a letter to European Energy Commissioner Günther Oettinger on issues related to the Covenant of Mayors ...
[Read more](#)

Webinar on IEE Project Development Assistance: Watch the presentations online!
17 February 2012 - 17:47
On 8 February the Covenant of Mayors Office organised its first webinar on ...

Fare i conti con l'ambiente- Le politiche per il clima e l'accountability per l'ambiente/ Dealing with the environment- Climate policies and environmental accountability
13 - 15 March 2012
Bologna, Italy
[Read more](#)

"Local climate protection with the Covenant of Mayors" (Kommunaler Klimaschutz mit dem Konvent der Bürgermeister/innen)
21 March 2012
Friedrichshafen, Germany

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