



POLYCITY is a project of the CONCERTO initiative co-funded by the EC within the FP6



CONCERTO is co-funded by the European Commission



European Commission, EU

## INVITATION

**International Conference:**

# RENEWABLE ENERGY TECHNOLOGIES AND POLYGENERATION

Organised within EU programme CONCERTO project:

**Energy networks in sustainable cities - POLYCITY**

The conference will be held on 26<sup>th</sup> of November, 2009  
during International Poznan Fairs - POLEKO

organizer:



**Institute for Fuels and Renewable Energy  
IPiEO**

### About CONCERTO programme

Concerto is a new major European Union initiative which supports local communities in developing initiatives that are both sustainable and highly energy efficient.

Such communities may be new or existing, and seeking to improve their energy performance. Communities supported by Concerto will be striving towards a completely integrated energy policy, harmonizing the substantial use of renewable energy sources with innovative technologies and systems to minimize energy consumption and to improve the quality of citizens' lives.

### About POLYCITY project

POLYCITY is a project of the CONCERTO initiative, co-funded by the European Commission. In the course of the POLYCITY Project, three large urban areas in Germany, Spain and Italy are developing activities in the field of energy optimisation and the use of renewable energies.

The German project is the Scharnhäuser Park in Ostfildern, a former military area. The most important measure in the Scharnhäuser Park is the optimisation of a new biomass plant (combined heat and power). One of the targets is to use the residual heat to cool the office buildings in summer. Furthermore, all buildings will be equipped with optimal heat insulation to minimise heat loss in winter. It is planned to realise all measures between 2005 and 2010.

The Italian project is part of a wider project Contratto do Quartiere di via Arquata – realized by the city of Torino. The aim of the project are: requalification of the whole district of residential council buildings and the creation of a modern co-generation plant. The Arquata districts comprises 30 residential council houses and high-rise commercial building.

The Catalunyan project focuses on a large urban development for 50, 000 inhabitants in the community Cerdanyola del Vallès , a city located in the outskirts of Barcelona. Almost two million square meters of buildings supplied with a innovative energy system will be constructed within the next decade.

Each project is embedded in a network of regional Partners and further observer communities. This will guarantee a sustainable development of the projects and an effective exploitation of the results.

POLYCITY is flanked by an Eastern European and a Canadian Western network of cities and communities, willing to take up and disseminate the experiences and results of POLYCITY.

Special training workshops are developed to provide the necessary information to communities who want to replicate the POLYCITY projects.

POLYCITY project is funded within the frame of the EU's Sixth Research Framework Programme (FP6), and supports integrated demonstration and dissemination actions, which are carried out EU-wide and which involve the real-scale application of new, renewable and efficient energy technologies.

### About Conference

Within this Conference participants will get more familiar with polygeneration issues. Actual state of EU legislation concerning RES and short overview of chosen RES technologies will be presented as well as examples of practical polygeneration implementation.

## Agenda of the International Conference

### RENEWABLE ENERGY TECHNOLOGIES AND POLYGENERATION

Poznan, November 26<sup>th</sup>, 2009

9:30 – 10:00	Registration of participants
SESSION 1 Legislation and Polygeneration issues	
10:00 – 12:00	<ol style="list-style-type: none"><li>1. Legislation at EU level – RES directive <i>Magdalena Rogulska, IPIEO</i></li><li>2. Polish energy policy till 2030 <i>Ministry of Economy, tbc.</i></li><li>3. Polygeneration in CONCERTO initiative. <i>Centre for European Energy Strategy, tbc.</i></li><li>4. POLYCITY project <i>Fachhochschule Stuttgart, zafh.net, tbc.</i></li></ol>
12:00 – 13:00	lunch
SESSION 2 RES Technology overview	
13:00 – 15:00	<ol style="list-style-type: none"><li>1. Biomass gasification – state of the art. and development paths <i>Czestochowa Technical University, tbc.</i></li><li>2. Photovoltaic – state of the art and development path <i>Warsaw University of Technology, tbc.</i></li><li>3. Trigeneration market perspectives. <i>CREVER, tbc.</i></li><li>4. Eco-buildings and Polygeneration – <i>Sustainable Environment Association, tbc.</i></li></ol>
15:00 – 15:30	Coffee break
SESSION 3 Examples of Applications	
15:30 – 17:30	<ol style="list-style-type: none"><li>1. Eco-energy planning In Eastern Lipsk. <i>Fraunhofer MOEZ, tbc.</i></li><li>2. Polygeneration in sugar industry. <i>KSC Poland Polish Sugar, tbc.</i></li><li>3. Polygeneration - Swedish experience. <i>Swedish-Polish Sustainable Energy Platform, tbc.</i></li><li>4. Polygeneration in Busko Zdrój hospital. <i>IPPT PAN, (CAMELIA Project) tbc.</i></li></ol>
SESSION 4	
17:30 - 18:00	Closing session

## USEFUL INFORMATIONS ABOUT POZNAN

Poznań International Fair is located in the centre of the city opposite the main railway station - Poznań Główny, in the centre of Poland and in the centre of Europe.

Poznań's geographical location ensures excellent communication routes to all Polish cities and regions and with major European cities.

### TRAVEL

#### by plane ...

At the Poznań Ławica Airport there are regular direct flights from Stockholm, Oslo, Copenhagen, Malmö, Edinburgh, Glasgow, Liverpool, Dublin, London, Bristol, Frankfurt-am-Main, Munich and Dortmund, also from Warsaw and Krakow. More: <http://www.airport-poznan.com.pl/en>

#### How to travel from the airport:

Public transport buses:

- "L" fast bus: Port Lotniczy Ławica (Airport) - Dworzec Główny (Central Railway Station)
- Line 59: Port Lotniczy Ławica (Airport) - Bałtyk (Rondo Kaponiera)
- Line 48: Port Lotniczy Ławica (Wyszębowska stop) - Bałtyk (Rondo Kaponiera)
- Night line 242: Port Lotniczy Ławica (Ławica Airport) - Dworzec Główny (Central Railway Station)

The fairgrounds and the railway station are in the vicinity of "Bałtyk" stop.

#### by car ...

Poznań is located at the crossroads of important international routes: E-30 - Berlin-Warsaw-Moscow and E-261 - Gdańsk-Wrocław-Prague.



#### by train ...

Poznań has direct train connections with major European cities, such as Berlin, Dusseldorf, Frankfurt-am-Main, Munich, Norymberga, Cologne, Amsterdam, Bazeilles, Kiev, Moscow, Odessa, Minsk, Petersburg.

#### important phone numbers ...

1. City Information Centre (CIM) +48 61 851 96 45 - comprehensive information about Poznań, hotel booking, booking of tables in restaurants and catering establishments, cooperation with the PTTK Tourist Guides` Club, sale of ticket to concerts, cinemas, theatres and museums. CIM Pavilion on the PIF grounds: +48 61 865 67 17 (only during trade shows) [www.cim.poznan.pl](http://www.cim.poznan.pl)
2. Miejskie Przedsiębiorstwo Komunikacyjne (Urban Transport Services) +48 61 869 93 61
3. PKP - Railway Call Centre +48 61 94 36 or +48 61 93 13
4. PKS - Bus Station Call Centre +48 61 94 33 or +48 61 664 25 25
5. LOT Call Centre +48 61 849 23 43

#### parking zone charges ...

You have to pay for parking your car in the centre of Poznań. The streets included in the Paid Parking Zone are marked with information signs. You are charged for parking on weekdays from 9 am to 6 pm. Parking on weekends and weekdays from 6 pm to 9 am is free of charge. Parking tickets are available from parking meters located in the vicinity of the parking spaces. Please note that the parking meters do not give change - you will be given a ticket for the whole amount supplied.

If you plan to stay in Poznań for a couple of hours it may be a good idea to leave your car on one of the buffer car parks - municipal guarded car parks located outside the Paid Parking Zone.

You are also welcome to use the **PIF car park located at Matejki Str.** The parking fee is 3 PLN per hour.

### urban transport (buses and trams) ...

Traveling by urban means of transport is faster, especially in the peak hours, than driving by car. You can obtain all information about connections, timetables, charges, luggage fees and other urban issues at an information desk in the main hall of the POZNAŃ GŁÓWNY railway station. The desk is open seven days a week from 8 am to 10 pm. You can also call +48 61 633 53 19 to obtain information from 6 am to 10 pm.

You should know that the following **types of tickets** are valid in Poznań:

1. **Tickets with time limits** for trams and buses - you can change without having to validate your ticket within a given time limit.
2. **Tickets with stop limits** - for buses only (up to 10 stops and over 10 stops) - you can go by bus up to a given number of stops and avoid paying for the time spent in traffic jams.

**24h ticket** - you can use the public transport for 24h after you validate your ticket on a tram or bus.

### taxi ...

The cheapest, safest and most comfortable way to order a taxi is to use one of taxi corporations. This guarantees honest prices and short waiting periods. All corporations offer free-of-charge arrival at the customer's location.

1. **CENTRAL TAXI** phone: +48 61 877 33 44
2. **EB TAXI** phone: +48 61 822 22 22

### hotels ...

Poznań and its surrounding area offer great and diverse accommodation capacity estimated for over 8 thousands participants. It includes hotels from 2 to 5 stars, manor houses, apartments, flats, houses and good standard hostels.

**Poznan International Fair (MTP) offers the possibility for its Exhibitors and Visitors to book accommodation at promotional prices. Hotels offer discount prices to guests booking accommodation with our assistance.**

### Contact details:

Poznan International Fair, Dominika Czechlewska tel. +48 61 865 38 69 ,  
e-mail: Dominika.czechlewska@wtc-poznan.com.pl

### organizational information ...

<b>term</b>	26 <sup>th</sup> November, 2009
<b>place</b>	International Poznan Fairs (room A, pavilion 14 B, III floor), Głogowska 14 str., Poznan
<b>conference office</b>	IPiEO, Jagiellońska 55 str., Warsaw 03-301, tel. +4822 510 02 27, fax: +4822 510 02 20 e-mail: rmiskiewicz@ipieo.pl
<b>registration</b>	26 <sup>th</sup> November 2009, time: 9.30
<b>conference language</b>	simultaneous translation into Polish and English
<b>number of participants</b>	100 persons
<b>conference payment</b>	50 EUR

### Conference Secretary

**Ms. Renata Miśkiewicz - Pacocha**

Institute for Fuels and Renewable Energy, Jagiellońska 55 str., Warsaw 03-301, Poland  
tel: 0-22 510 02 27, fax: 0-22 510 02 20, rmiskiewicz@ipieo.pl, <http://www.ipieo.pl>