Civil Society Organizations and Municipalities: Success Stories

International Conference on Energy Efficiency, 2011 İstanbul
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Civil Society Organizations and Municipalities: Success Stories

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Ecology
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        Yvonna Gaillyova

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        Aygen Erkal (İMSAD)

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Energy Efficiency: Civil Society Organizations and Municipalities

Reports on the international conference held on September 30 - October 1, 2011 in Istanbul

Energy efficiency plays an increasingly important role for intelligent and future oriented energy policies. For the formulation of sustainable and comprehensive energy action plans, cooperation is needed between stakeholders at all levels: local, national and international.

Heinrich Böll Stiftung Turkey Representation, Center for Ecology and Energy (Bosnia and Herzegovina - BiH), Center for Monitoring and Evaluation (Serbia), Center for Progressive Technologies (Czech Republic) together with the European Union Policies Institute organized a two-days conference on September 30 – October 1, 2011 in Istanbul. The conference was open to the participation of local governments, NGOs and private sector representatives working on the issue of energy efficiency.

Launched in early 2010 and financed by the European Commission, the project “Strengthening Energy Efficiency Capacities and Networks of Civil Society Organizations and Municipalities: Bosnia Herzegovina, Czech Republic, Serbia and Turkey” was closed with this international conference which aimed at increasing collaboration among different stakeholders with the potential to influence energy efficiency policies.

The conference brought together an impressive group of speakers from prominent international organizations, finance institutions and municipalities including the Covenant of Mayors (COMO), German Development Bank (KfW), Local Governments for Sustainability (ICLEI), United Nations Development Program (UNDP) and Istanbul Metropolitan Municipality. The aforementioned project started off with two surveys conducted in Serbia and Turkey analyzing the energy efficiency policies from a legal and administrative perspective. The project was followed with capacity building programs which targeted representatives from local administrations, civil society organizations, energy consultants and other relevant actors in BiH, Serbia and Turkey with the support from the Czech partner of the
The conference aimed at being a platform where local decision-makers, representatives from civil society organizations and private sector had the opportunity to exchange ideas and experience in the field of energy efficiency with international organizations, finance institutions and municipalities. A wide range of topics were covered in the conference including the following:

- Energy efficiency policies in the European Union
- Finances and energy efficiency
- The role of municipalities: action plans, local strategies and methods
- Cooperation between civil society organizations and municipalities: success stories
- Lobbying and networking among municipalities at the regional, national and international level

The three-volume conference publications contain the presentations made by speakers as well as the discussions that took place during and after the roundtables focusing on the specific topics of Finances and Energy Efficiency; Municipalities: Good Practices and Action Plans, Lobbying and Networking Among Municipalities; and Civil Society Organizations and Municipalities: Success Stories.

We hope that the publications help establish and strengthen the relationship between different stakeholders and that it will contribute to the formulation of a comprehensive and intelligent energy policy in Bosnia and Herzegovina, Serbia and Turkey.

We are truly grateful to all the speakers who took part in the conference for their full support and co-operation and also to the conference attendees for their enthusiastic participation.

Dr. Ulrike Dufner and Zeyneb Gültekin
Heinrich Böll Stiftung Turkey Representation
Ziel 21, Puccheim, Germany

Birgit Baindl
**Heinrich Böll Stiftung**
*International Conference: Energy Efficiency – Municipalities and Civil Society Organizations*

**Istanbul 2011**

*Round Table NGO & Municipalities: Success stories The District of Fürstenfeldbruck*

*Mrs. Birgit Baindl*
*Head of Board ZIEL 21 – Centre of Innovative Energies in the District*

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**Topics**

1. The District of Fürstenfeldbruck (General Information)
2. Energy Transition in the District of Fürstenfeldbruck
3. Arguments for the Transition
4. Structures and the Role of ZIEL 21
5. Implementation of Renewables and Energy Efficiency Policies
6. Strength, Benefits

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**Europe – Germany – District of Fürstenfeldbruck**

*District of Fürstenfeldbruck, in Germany*

*Source: http://www.OPAL-energies.org/energiewende/zeno-fuerstenfeldbruck.de.org*
**District of Fürstenfeldbruck**

District of Fürstenfeldbruck, Germany:
located Southern Germany (Bavaria) at the Western border of the Bavarian Capital City Munich

- 200,000 inhabitants
- 435 km²
- densely populated
- 23 communities (4 cities)

**Topics**

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**Starting with the Rio Conference 1992**

1996 the District of Fürstenfeldbruck introduced a local Agenda 21 process - this was the start-up network.

1997 – the County Council of the District decided officially to support the Local Agenda 21 process

**Network for the Region**

In the Agenda 21 working group „Economy“ the idea was generated to develop a standardised system & service package for solar thermal use. The packages should be installed by regional craftsmen. The District of Fürstenfeldbruck undertook a search to find suitable partners - the Regional Saving Bank Sparkasse and regional marketing organisation BRUCKER LAND. The next step of the network was established.
**Successful Cooperation**

1999

*German and European Solar Award (Eurosolar) for a successful solar thermal project (600 plants in 3 years, 3 Million Euro)*

**Arising questions:**

- How about other renewable energy sources?
- How about energy efficiency?
- How about the costs of a fossil energy supply?

---

**Regional Renewable Energy Sources**

*Regional mix of renewable energy - sustainable and independent energy supply!*

---

**Potential Solar-Energy**

*15,000 times the World-Energy-Consumption*

**Wir schaffen die Energiewende!**

---

**Energy-Efficiency – Potential Buildings (Germany)**

*Older Housing Stock (built in the 1970s):
  - energy demand for heating (in Germany)
  - 30 – 40 litres heating oil per m² living space
  - modernising insulation of buildings:
  - 90% energy demand reduction possible*

**New Building:**

- „Passive House“ (best available insulation) will be state of the art
- almost no heating techniques necessary
2000: Potential of Renewables and Energy Efficiency

Energy Consumption

- Present: 4,000 GWh/year
- Regenerative: 5%
- 2,000 GWh/year

2000: Presentation of Results – 1. Energy Forum

1. Energy Forum:

Decision was made to reduce the energy consumption (50%) and base the energy supply of the District entirely on renewable sources by the year 2030 after having been the subject of intensive consideration.

2000: Resolution for Renewables and Energy Efficiency

2000: Resolution was publicly announced:

The District of Fürstenfeldbruck sets itself the objective to base the energy supply completely on renewable energy sources by the year 2030 in order to promote the protection of the climate as well as the regional economy.

2007:

The County Council (= political unit) decided to support the Resolution

Energy Resolution in Detail:

The Fürstenfeldbruck Energy Resolution

We want to bring about the change of the energy system in the District of Fürstenfeldbruck. We commit ourselves to the objective of supplying the District entirely with energy from renewable sources by the year 2030.

We want to achieve this objective through:
- stepwise reduction of energy consumption,
- application of the most innovative technologies, and
- sustainable use of local resources.

We trust the creativity and various competences of the people, especially from agriculture, trade, commerce, business, industry, services, communities and churches. We need the support of all responsible citizens in the District.

Through this action we preserve our natural basis of life and secure the regional economic strength, thus aiming at improving the quality of life.

The participants of the First Energy Forum
8 April, 2000
1. The District of Fürstenfeldbruck (General Information)
2. Energy Transition in the District of Fürstenfeldbruck
3. Arguments for the Transition (ecologic, economic)
4. Structures and the Role of ZIEL 21
5. Implementation of Renewables and Energy Efficiency Policies
6. Strength, Benefits
Insulation of Buildings – Investments!

Promotional Programmes (kfw) for Insulation of Buildings (2009) for Houseowners in the District of Fürstenfeldbruck

24 Mio Euro

1 Euro promotion triggers 6-8 Euro investment
150 - 200 Mio Euro investment in the District

In general:
- annual amount of promotions for energetic modernisation is rising
- energetic modernisation creates or saves jobs in the regional building sector
- that is promotion of economic development

2001: Structures for the Energy Resolution

ZIEL 21 - Centre for Urban Development

Awareness Raising
Education

The Energy Network District of Fürstenfeldbruck

Panelists of ZIEL 21

Board of Association
- Members of the Association
- Politicians
- Environmental Organisations
- other groups relevant to society

Advisory Board
- Partners (using the logo)
- SME
- Craftsmen
- Installers

Topics

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6. Strength, Benefits
Working Groups (Sections)

- Solar Energy (heating, power)
- Wind Energy
- Energy from Biomass
- Insulation /Energy Efficiency
- Education / Awareness Raising
- Fundraising
- Visions (Strategy)

(honorary working specialists)

Advisory Board

- Bund Naturschutz (Environmental Organisation)
- Kirche (Church)
- Bauernverband (Farmers Association)
- Wirtschaftsreferent (Economic Specialist)
- Amt für Landwirtschaft (Administration of Agriculture)
- Kreishandwerkerschaft (Organisation of Craftsmen)
- Karmasin Thomas, Landrat (Mayor of District)
- Kellnerer Sepp, 1. Bürgermeister FFB (Mayor of City)
- Vorstand Sparkasse (Saving Bank)
- Kreisbaumeisterin (Building Specialist of Administration)
- Verein Sonnenkraft (Environmental Organisation)
- Stadtwerke FFB (Energy Supplier)

Finances of ZIEL 21

Association

Membership Fees:
- e.g. District is paying 1.5 employees and the office

Fundings for Projects
- e.g. European Fundings

Partner

Partner Fees:
- for use of the logo

Main Tasks of ZIEL 21

Awareness raising
- Organisation of information forums, exhibitions, conferences
- Education (adults, partners, young people)
- Public relations
- Consulting (citizens, communities)
- Pilot Projects
- Networking
Topics

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2007: Moorenweis

Powergeneration PV Plants 2011

Pilot Projects (e.g. PV-Plants)

The aim was 2000
1 citizens owned PV plant in each community to create confidence in new technology

Greenfield PV Plant

20% Solar Power in the District
in comparison: Germany 3%
Enhancing the Network ...

Consulting of Communities

Guidelines PV-Greenfield-Plants
(building permission, law requirements, etc.)

Guidelines Wind-Energy

Energy Consultations
(European and National legal requirements, etc.)

Energy-Efficiency: Consulting of Houseowners since 2007

Brochures “How to Insulate a Building“

about 1000 Energy Consultations in Communities

In the town halls of the District communities

and

at fairs and conferences
Energy-Efficiency: Communities are Role Models

Secondary School
- Solar heating
- Biomass heating
- PV-Plant
- Energy Efficient Building

Energy-Efficiency: Consulting of SMEs

in cooperation with the Bavarian Ministry

Powersupplier – Community Owned

KommEnergie

Energy Supplier - 100% communal in Fürstenfeldbruck and the western area of the District in 2 towns and 2 communities of the eastern District area

School Projects

PV-Plants on communal buildings (schools) - EDUCATION
European School Project “Energy Efficient Products“

SHEEP - A Schools’ Panel for High Energy Efficient Products

2010 - 2013

2010: National Award for Communal Climate Protection

Awarded in the Category “Innovative and Exemplary Strategies for the Implementation of Communal Climate Protection“ for

“Fürstenfeldbrucker Energieresolution – 10 Years on the Way to a Energy“

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Strength - Benefits?

- Mission statement (Energy Resolution)
- Structures for implementation (growing network of communities, SMEs, politics, citizens ...)
- Economic and ecologic benefits
- Pilot projects creating confidence
- Communities as role models
- Successful projects
- Awareness rising and education
Centre Veronica Hostětín

Pilot projects of sustainable regional development

ZO ČSOP Veronica Brno, Hostětín, Czech Republic

White Carpathians · Zlin region

Current threats: changes in landuse, depopulation of the area
Proposed solution: projects in sustainable regional development (NGOs, SMEs)

Sustainable rural development

Economic benefits
Sustainability
Environmental benefits
Social benefits
Pilot projects in the village

1. Municipal office
2. Biomass heating plant
3. Apple juice plant
4. Reed bed sewage plant
5. Fruit drying kiln
6. Seminar centre – passive house
7. Public lighting system

Hostětín

Water natural solutions

Hostětín 1992-1997

Partnership

1. Municipality of Hostětín – investor, operator
2. District Authority Uherské Hradiště – expert and administrative support
3. ZO ČSOP Veronica (NGO) – independent study, education, implementation, monitoring

Investment

District Authority Uherské Hradiště
Ministry of Environment CZ

Cost of the study and education

Nadace Partnerství (Environmental Partnership Foundation CZ)

Reed bed sewage plant

Technical parameters:
- Day average flow
- Pollutant load BSK5
- Equivalent inhabitants number
- Filtration fields surface

47.6 m³/day (0.55 l/sec.)
15.12 kg/day (212 mg/l)
280
1240 m² (4.4 m²/inhab.)
**Benefits**

**Economic**
- Cheap functioning

**Environmental**
- Cleaned sewage water to the landscape
- A new landscape component – wetland habitat

**Social**
- Abolition of the construction ban (caused by a drinking water reservoir in 1966) – village development allowed

**Clean and renewable energy sources**

**Wood – traditional heating source**

**Biomass heating plant**

**Hostětín 1996 -2000**

**Partnership**

1. Municipality Hostětín – investor, project carrier
2. District Authority Uherské Hradiště – expert and administrative support
3. The Kingdom of the Netherlands (+ Biomass Technology group) – common protection of the global climate
4. ZO ŠSOP Veronica (NGO) – monitoring, education, implementation
Financing

State Environmental Fund
The Dutch Government
Czech Energy Agency
Hostětín citizens
Nadace Partnerství (Environmental Partnership Foundation CZ)

Biomass heating plant

Heat source:
hot water furnace KARA (Netherlands), output 732 kWt
Fuel: woodchips (600 tons/year)
Distribution system length: 2.5 km
Connected: 67 houses (83 %)
pressure independent heat exchangers

Hostětín

Energy sources in Hostětín
house and water heating (estimated)

Energy sources for heating and hot water supply
Hostětín (estimated)

<table>
<thead>
<tr>
<th>Year</th>
<th>Fossil</th>
<th>Renewable</th>
</tr>
</thead>
<tbody>
<tr>
<td>1900</td>
<td>100%</td>
<td>0%</td>
</tr>
<tr>
<td>1950</td>
<td>50%</td>
<td>50%</td>
</tr>
<tr>
<td>1960</td>
<td>25%</td>
<td>75%</td>
</tr>
<tr>
<td>1994</td>
<td>10%</td>
<td>90%</td>
</tr>
<tr>
<td>1998</td>
<td>5%</td>
<td>95%</td>
</tr>
<tr>
<td>2000</td>
<td>0%</td>
<td>100%</td>
</tr>
</tbody>
</table>

Benefits

Economic
- independency of the world energy prices
- revenues stay in the region

Environmental
- renewable source of energy
- yearly savings of 1 450 tons CO2 – climate protection

Social
- local jobs
**Solar energy**

- Program “Sun for the White Carpathians”
- Installation of “do it yourself” solar systems
- 40 solar panels in the region
- 1 wide-area solar panel on the apple juice plant roof
- Cooperation with Austrian partners

**Hostatín 2008**

**Solar energy**

- Electricity production – photovoltaic system on the apple juice plant roof
- Area 64 m² / Maximum output 8,8 kW / 7000 kWh/year

**Fruits – sweet heritage**

- Cereal straw
- Efficient and cheap insulation of the exterior storage reservoir
- Reconstruction of the 200 years old wooden drying kiln

**Hostatín 1998**
Apple juice plant

utilization of a traditional resource

Hostatín 1994 -2000

Partnership

1. ZO ČSOP Veronica (NGO) – investor, project carrier
2. Traditions of the White Carpathians (NGO) – traditional fruit varieties, marketing
3. Helles für d Natur, Luxemburg – know-how transfer, guarantee of the project

Financing

- Luxembourg Ministries of Environment and Foreign Affairs
- Own funds of ZO ČSOP Veronica and Traditions of the White Carpathians

Products

apple juice unwatered, unfiltered, no added sugar or chemicals, conserved by pasteurization sediment on the bottom of the bottle – attribute of the natural character of the drink

Benefits

Economic
- utilization and sale of local agricultural produce
- revenues stay in the region

Environmental
- conservation of local traditional fruit varieties
- maintaining the typical landscape scenery with extensive orchards
- support of organic agriculture

Social
- local jobs
- organic food produce – health effects
Sculptures in the landscape

Hostětín 2002

Public lighting system

prevention of light pollution

old / new reconstruction of the public lighting system

Hostětín 2006

Partnerwchaft

1. Municipality of Hostětín – owner, operator
2. Philips Czech Republic – reconstruction design
3. ZO ČSOP Veronica (NGO) – education, implementation

Financing
Municipality of Hostětín – installation of the lamps
Philips Czech Republic – delivery of the lamps

Benefits

Economic
- savings of electricity costs by 25 %

Environmental
- electricity savings – decreasing environmental burdens
- prevention of light pollution

Social
- protection of night environment in the landscape
- quality of the night environment
- traffic safety in the community
**Seminar Centre**

- own building opened in November 2006
- 50 places for education in the seminar hall
- **100 places** pro communal meetings
- accommodation:
  - **25 beds** in 2-4-bedded rooms
  - office for employees and interns
- workshop for practical courses

**Model passive house**
- 1st public building in the passive standard in the Czech Republic
- certified with the „Environmentally Friendly Service“ eco-label
- training facilities, information system, library
- organic and local kitchen, Fair Trade products

**Seminar Centre**

**Education about pilot projects**

Educational modules:
- regional development
- water and landscape
- landscape
- energy
- ecological building
- fruit
- crafts

Target groups:
- public administration
- companies (esp. small and middle)
- experts - craftsmen, professionals
- students, pupils
- NGOs
- public

**Forms of education:**
- excursions
- seminars
- courses
- conferences, roundtables
- programs for children
- public events

**Traditional events:**
- conference Rural Landscape
- Apple Week
- Apple Celebration
Partnership

1. ZO ČSOP Veronica (NGO) – investor
2. Biomass Technology Group (BTG), Netherlands – program cooperation
4. Municipality of Hostětín

Building realization
– selection process – Skanska

Financing

Building
- European Union Structural Funds (SROP - ERDF)
- State Environmental Fund
- State Budget (Ministry for Regional Development)
- Matra Program (Netherlands)
- Austrian Ministry of Environment
- Českomoravský cement (HeidelbergCement Czech Republic)
- Philips Czech Republic
- Nadace Partnerství (Environmental Partnership Foundation CZ)

Equipment
- Region of Zlín
- Lesy ČR (Forest Company)
- Own resources of ZO ČSOP Veronica
- Toyota Environmental Activities Grant Program

Passive house

- 7x lower consumption of energy than in a common house (ca 15 kWh/m2/year)
- insulation from mineral wool and strawbales
- threefold windows with heat passage up to 0,8 W/(m2.K)
- recuperation (ventilation with using the energy of the waste air)
- use of ecological building materials – unburnt clay, straw etc.
- solar water heating

Hostětín 2001 -2007
Benefits

- Economic
  - minimization of the operation costs
- Environmental
  - significant energy savings
  - pilot project of passive building, including technologies and components
  - renewable materials and energy resources use
- Social
  - local jobs
  - place for community meetings and activities

Study 2008 – analysis of the benefits and problems of the Hostetin projects

- Economic
- Environmental
- Social

What we explored:
- Quantitative and qualitative characteristics
- Benefits for the local economy
- Savings – money, energy, CO2 emissions

Thank you!
Centre Veronica Hostetín
Pilot projects of sustainable regional development

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Association of Turkish Building Material Producers (İMSAD)

Aygen Erkal
(İMSAD)
MAJOR EXPORT MARKETS 2010

GENERAL EXPORT
1. GERMANY 10.1%
2. UK 6.3%
3. ITALY 5.7%
4. IRAQ 5.3%
5. FRANCE 5.3%

BUILDING MATERIALS
1. IRAQ 8.0%
2. EGYPT 7.5%
3. UAE 6.0%
4. LIBYA 5.5%
5. GERMANY 4.0%

TURKISH BUILDING MATERIALS INDUSTRY

CEMENT
1st in Europe, 3rd in World
REFRACTORY MATERIALS
1st in Europe
AUTOCLAVED AERATED CONCRETE
2nd in Europe
READY-MIXED CONCRETE
3rd in Europe
IRON & STEEL
3rd in Europe
CERAMICS
3rd in Europe
STEEL PIPING
3rd in Europe
PLASTICS
3rd in Europe
GLASS
5th in Europe
NATURAL STONE
5th in World
COATINGS
6th in Europe

STANDARDS & QUALITY


CPD ESSENTIAL REQUIREMENTS:
1. Mechanical Resistance and Stability
2. Safety in case of Fire
3. Hygiene, health and the environment
4. Safety in use
5. Protection against noise
6. Energy economy and heat retention

FORECASTS FOR TURKISH FOREIGN CONTRACTING REVENUES

2010:
- NUMBER OF TOP GLOBAL FIRMS: 33
- WORLD RANKING: 2
- BUSINESS VOLUME: 22.1 BILLION USD

2011-2015:
- GROWTH RATE
- BUSINESS VOLUME
  (2011): 10 - 15 %
  (2015): 24.3 BILLION USD
  (2015): 40.4 BILLION USD

FORECASTS FOR TURKISH BUILDING MATERIALS INDUSTRY

2010:
- PRODUCTION VOLUME: 68.1 BILLION TL
- OVERALL GROWTH RATE: 11.5 %

2011-2015:
- GROWTH RATE: 14.5 %

EUBuild EE Project

Project Leader
- Albania
  - EEC - EU Energy Efficiency Center
  - IMSAD

Project Partners
- Bosnia Herzegovina
  - CESC - Cham. of Economy of Sarajevo Canton
- Macedonia
  - MACEF - Energy Efficiency Center
- Montenegro
  - MEF - Montenegrin Employers Federation
- Serbia
  - BCC - Belgrade Chamber of Commerce

EUBuild EE Project Associate Partners

- Albania
- Serbia
- Belgium
- Norway
- Bosnia and Herzegovina
- France
- Macedonia
- Austria
- Montenegro

EUBuild EE Project Associates (Sector)

Public (8)
- Ministry of Economy Trade and Energy - Power Policies Directorate - AL
- Ministry of Housing Politics Bosnia-Herzegovina - BIH
- Economic Institute Sarajevo - BIH
- Conseil Régional De Picardie - FR
- Republic of Srpska Energy Efficiency Agency - BIH
- Min. of Public Works and Settlement (General Affairs of Construction) Energy Efficiency of Buildings Unit - TR
- Ministry of Environment and Forestry - TR
- Ministry of Energy and Natural Resources - TR
PUBLIC-PRIVATE (1)
- ADENE FR

PRIVATE (8)
- Austrian Energy Agency - AU
- Energy Institute - MK
- ALEANT - MK
- Rehau Dooel Skopje - MK
- ZIGMA a.d. Nikšić - ME
- ENSI - Energy Saving International AS - NO
- İstanbul Enerji San.ve Tic. A.Ş. - TR
- şekerbank - TR

PUBLIC-MUNICIPALITY (4)
- Novi Grad Municipality Sarajevo - BiH
- Municipality of Aerodrom - MK
- Municipality of Chashka - MK
- Union of Municipalities of Marmara - TR

UNIVERSITY (4)
- Polytechnic University of Tirana - Faculty of Mechanical Eng. - AL
- Polytechnic University of Tirana - Faculty of Electrical Eng. - AL
- Istanbul Technical University - TR
- Yalova University - TR

CIVIL SOCIETY ORGANISATIONS (CSO) (22)
- Association Of Architects Of Republic Of Srpska - BiH
- HUMANOPOLIS - MK
- Economic Chamber of Macedonia - MK
- Analytica Macedonia - MK
- Engineers Chamber Of Montenegro - ME
- Association European Block - RS
- Association for E-Business - RS
- Chamber of Commerce of Srem - RS

CIVIL SOCIETY ORGANISATIONS (CSO) (22)
- WWF Turkey - TR
- BSEC (Black Sea Economic Cooperation) Business Council - TR
- AGID - Lighting Luminaries Manufacturers Association - TR
- ALCIDER - Turkish Gypsum Producers Association - TR
- CATIDER - Association of Roofing Industrialist and Businessmen - TR
- DOSIDER - Natural Gas Equipment Producers and Businessmen Association - TR
- ISKED - Air Conditioning & Refrigeration Manufacturers’ Association - TR
- IZIDER - Association of Thermal Insulation, Waterproofing, Sound Insulation and Fireproofing Material Producers, Suppliers and Applicators - TR
- PUKAD - Plastic Profile Manufacturers “Quality Union” Association - TR
- TUCSA - Turkish Structural Steel Association - TR
- TALSAD - Turkish Aluminium Producers Association - TR
- TGUB - Turkish Aerated Concrete Producers Union - TR
- TCA - Turkish Contractors Association - TR
- XPS Heat Insulators Producers Association - TR
EBuild EE Objectives

**General Objective:**
To contribute to the development of the financial instruments and mechanisms for energy efficiency in buildings

**Special Objectives:**
Guide Book
Flow of Information
Strategic Collaborations
Action Plans

EBuild EE Project Activities (1)

- Website [www.ebuild.com](http://www.ebuild.com)
- Country Reports
- Guide Book
- Round Table Meetings
  - Finance Sector
  - CSO’s
  - Public Sector
  - Media
  - Private Sector
  - Universities

EBuild EE Project Activities (2)

- **International Conference & Workshop**
  Istanbul 22-23 November 2011
  - During “Quality in Construction Summit”

- **International Conference & Workshop**
  Brussels 11-12 April 2012
  - During Brussels Energy Week

EBuild EE Project Activities (3)

- **Study Visit, Macedonia 18-21 October 2011**
  - Macedonia Energy Week
  - TEHNOmA Fair and Regional Conference
  - Energy Efficient Building Visit

- **Study Visit, France June 2012**
E Ubld EE Project Activities (4)

According to the Project Media Plan;
- Press Conferences,
- Press Releases,
- Participation in big events

E Ubld EE Project Estimated Results

- Awareness Raising on Energy Efficiency in Buildings
- Improvement in Financing Models
- Cooperation between the Related Public Institutions
- Integrated Policies
- An institution to claim the subject matter
- Discussion Platform

THANK YOU

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Speakers

Birgit Baindl

Yvonna Gaillyová
Since the middle of the 90’s, Yvonna Gaillyová is one of the founders, movers and promoters of the Centre for Sustainable rural development (Centre Veronica) in Hostetin, White Carpathians. Her main concerns are renewable energy sources, energy efficiency in buildings and climate protection. Since 1997, Yvonna is the director of the Ecological Institute Veronica. She manages the organization with 20 employees and a turnover of about 300 thousand EUR a year exclusively from grants, donations, own services and subsidies. Under her leadership, Veronica received many important prizes and awards: Prize of Minister of the Environment, Environmental Award of the Foundation Ford Motor Company, Energy Globe for the Czech Republic and others.

Yvonna Gaillyová teaches at the Department of Environmental Studies at the Faculty of Social Studies of the Masaryk University in the subject “environmental aspects of energy use, climate change”. In 2006, she was awarded by the Josef Vavrousek Sustainability Prize and in 2010 she was the guide of Prince of Wales during his visit to Hostetin.

Aygen Erkal
Aygen ERKAL, was born in 1971 in Istanbul. She is a Metallurgical Engineer, graduated from Istanbul Technical University and has an MBA Degree from University of Nottingham, UK. She has managerial experience of 15 years and currently working in IMSAD, Association of Turkish Building Material Producers as Business Development Coordinator. She is also the Project Coordinator of EU build EE – Financing Energy Efficiency in Buildings Project which was funded by EU under the SEP – Socio Economic Partnership Program for Turkey and Balkans.