

**Priority 6.1 “Sustainable Energy Systems”**

***Find Czech partner(s) for TREN-4 call for proposals***

***Catalogue of cooperation offers from  
Czech Republic***

**FP6-2005-TREN-4**

**(Date of publication: 08 June 2005;  
Closure date: 22 December 2005)**

**Prepared by:**

Zdenka Sustakova, SustDev NCP, Technology Centre AS CR  
Rozvojova 135, 165 02 Prague 6, Czech Republic  
Tel: + 420 234006115, e-mail: [sustakova@tc.cas.cz](mailto:sustakova@tc.cas.cz)

# CONTENTS

<b>1. AgEnDa</b>	<b>5</b>
• Renewable electricity technologies	
• Eco-buildings	
<b>2. Biom - Czech Biomass Association</b>	<b>6</b>
• Demonstration of innovative design of automated biomass heating systems	
• Renewable electricity technologies	
• Renewable heating and cooling technologies	
• Production and distribution of liquid and gaseous biofuels	
• Energy demand management and renewable energy supply in high performance communities	
<b>3. CEZ ENERGOSERVIS Ltd.</b>	<b>7</b>
• Renewable heating and cooling technologies	
<b>4. CRUX Ltd.</b>	<b>9</b>
<b>5. DAGGER CZ a.s. (stock company)</b>	<b>10</b>
• Demonstration of innovative design of automated biomass heating systems	
• Renewable electricity technologies	
• Renewable heating and cooling technologies	
• Alternative motor fuels	
<b>6. EKOEFEKT a.s. (stock company)</b>	<b>11</b>
• Renewable heating and cooling technologies	
<b>7. Ekol Ltd.</b>	<b>12, 13</b>
• Demonstration of innovative design of automated biomass heating systems	
• Renewable electricity technologies	
• Renewable heating and cooling technologies	
• Polygeneration	
<b>8. Eko Watt</b>	<b>14</b>
• Demonstration of innovative design of automated biomass heating systems	
• Solar heating and cooling	
• Geothermal energy	
• Innovative wind farms, components and design tools	
• Demonstrations of the next generation of PV technologies/products	
• 'Eco-buildings'	
• Renewable electricity technologies	
• Polygeneration	
• Energy demand management and renewable energy supply in high performance communities	
• Alternative motor fuels	
• CIVITAS – dissemination and Best Practice Transfer Action	
<b>9. Energetic Equipment Ltd.</b>	<b>16</b>
• Geothermal energy	
• Solar heating and cooling	

<b>10. ENVIROS Ltd.</b>	<b>17</b>
<ul style="list-style-type: none"> <li>• Solar heating and cooling</li> <li>• Geothermal energy</li> <li>• Innovative wind farms, components and design tools</li> <li>• Grid issues - Distributed electricity generation</li> <li>• Grid issues – Management of electricity grids linked to large scale decentralised wind power generation</li> <li>• Eco-buildings</li> <li>• Polygeneration</li> <li>• CONCERTO II</li> <li>• Renewable electricity technologies</li> <li>• Renewable heating and cooling technologies</li> <li>• Eco-buildings</li> <li>• Energy demand management and renewable energy supply in high performance communities</li> <li>• CIVITAS – dissemination and Best Practice Transfer Action</li> </ul>	
<b>11. Motorgas Ltd.</b>	<b>18</b>
<ul style="list-style-type: none"> <li>• Demonstration of innovative design of automated biomass heating systems</li> <li>• Renewable electricity technologies</li> <li>• Renewable heating and cooling technologies</li> <li>• Polygeneration</li> </ul>	
<b>12. PolyComp a.s. (stock company)</b>	<b>19</b>
<ul style="list-style-type: none"> <li>• Demonstration of innovative design of automated biomass heating systems</li> <li>• Renewable electricity technologies</li> <li>• Renewable heating and cooling technologies</li> <li>• Production and distribution of liquid and gaseous biofuels</li> </ul>	
<b>13. Porsenna</b>	<b>20</b>
<ul style="list-style-type: none"> <li>• Demonstration of innovative design of automated biomass heating systems</li> <li>• Solar heating and cooling</li> <li>• Grid issues - Distributed electricity generation</li> <li>• Eco-buildings</li> <li>• CONCERTO II</li> <li>• Renewable electricity technologies</li> <li>• Renewable heating and cooling technologies</li> <li>• Production and distribution of liquid and gaseous biofuels</li> <li>• Eco-buildings</li> <li>• Energy demand management and renewable energy supply in high performance communities</li> </ul>	
<b>14. The Regional Energy Centre</b>	<b>21</b>
<ul style="list-style-type: none"> <li>• Demonstration of innovative design of automated biomass heating systems</li> <li>• Solar heating and cooling</li> <li>• Geothermal energy</li> <li>• Innovative wind farms, components and design tools</li> <li>• Demonstrations of the next generation of PV technologies/products</li> <li>• Grid issues - Distributed electricity generation</li> <li>• 'Eco-buildings'</li> <li>• CONCERTO II - Managing energy demand and renewable energy supply in high performance communities</li> <li>• Renewable electricity technologies</li> <li>• Renewable heating and cooling technologies</li> <li>• Energy demand management and renewable energy supply in high performance communities</li> <li>• CIVITAS – dissemination and Best Practice Transfer Action</li> </ul>	

<b>15. University of Technology, Department of Electrical Power Engineering</b>	<b>22</b>
<ul style="list-style-type: none"> <li>• Solar heating and cooling</li> <li>• Grid issues - Distributed electricity generation</li> <li>• Grid issues – Management of electricity grids linked to large scale decentralised wind power generation</li> <li>• Renewable electricity technologies</li> <li>• Renewable heating and cooling technologies</li> <li>• Energy demand management and renewable energy supply in high performance communities</li> </ul>	
<b>16. University of Technology, Institute of Power Engineering</b>	<b>23</b>
<ul style="list-style-type: none"> <li>• Solar heating and cooling</li> <li>• 'Polygeneration'</li> <li>• Renewable electricity technologies</li> <li>• Renewable heating and cooling technologies</li> </ul>	
<b>17. Vacusol Ltd.</b>	<b>24</b>
<ul style="list-style-type: none"> <li>• Solar heating and cooling</li> <li>• Renewable heating and cooling technologies</li> </ul>	
<b>18. VERNER a.s. (stock company)</b>	<b>25</b>
<ul style="list-style-type: none"> <li>• Demonstration of innovative design of automated biomass heating systems</li> </ul>	
<b>19. WIND TECHNOLOGY Ltd.</b>	<b>26</b>
<ul style="list-style-type: none"> <li>• Demonstration of innovative design of automated biomass heating systems</li> <li>• Solar heating and cooling</li> <li>• Innovative wind farms, components and design tools</li> <li>• Demonstrations of the next generation of PV technologies/products</li> <li>• Grid issues - Distributed electricity generation</li> <li>• Grid issues – Management of electricity grids linked to large scale decentralised wind power generation</li> <li>• Eco-buildings</li> <li>• Polygeneration</li> <li>• CONCERTO II</li> <li>• Renewable electricity technologies</li> <li>• Renewable heating and cooling technologies</li> <li>• Eco-buildings</li> <li>• Polygeneration</li> <li>• Energy demand management and renewable energy supply in high performance communities</li> <li>• Alternative motor fuels</li> <li>• CIVITAS – dissemination and Best Practice Transfer Action</li> </ul>	

**Company details:**

Company: AgEnDa

Contact person: Ing. Jan Jares

City: Ceske Budejovice Post code: 370 01

Street: Jirovcova 1

Telephone: 387 313 689 Fax: 386 350 644

Mobie: 602 563 348

E-mail: jares@os-agenda.cz www: www.os-agenda.cz

**Main activities:**

AgEnDa is a non-profit and non-governmental organization established in 2003 to support planning, development and implementation of renewable energy projects in the region of South Bohemia. AgEnDa, along with local and foreign partners (e.g. Austria), is participating in number of projects relating to the RE, such as initiation of RE technology cluster origin in South Bohemia, RE enlightenment activities (workshops, conferences, excursion etc.), regional foresight activities relating to the RE projects and providing consultancy in the field of RE projects (e.g. EU funds financing).

**Sustainable energy systems****6.1.3.1.1.1 'Cost effective supply of renewable energies'**

Demonstration of innovative design of automated biomass heating systems

Solar heating and cooling

Geothermal energy

Innovative wind farms, components and design tools

Demonstrations of the next generation of PV technologies/products

Ocean/marine energy technologies

**6.1.3.1.1.2 'Large scale integration of renewable energy sources and energy efficiency'**

Grid issues - Distributed electricity generation

Grid issues – Management of electricity grids linked to large scale decentralised wind power generation

**6.1.3.1.2.1 'Eco-buildings'****6.1.3.1.2.2 'Polygeneration'**

**6.1.3.1.1.2, 6.1.3.1.2.1, 6.1.3.1.2.2 CONCERTO II - Managing energy demand and renewable energy supply in high performance communities**

**6.1.3.1 'Thematic promotion and dissemination'**

Renewable electricity technologies

Renewable heating and cooling technologies

Production and distribution of liquid and gaseous biofuels

Eco-buildings

Polygeneration

Energy demand management and renewable energy supply in high performance communities

Alternative motor fuels

CIVITAS – dissemination and Best Practice Transfer Action

**Company details:**

Company: CZ Biom - Czech Biomass Association

Contact person: Miroslav Safarik

Town: Prague Postcode: 161 06

Street: Drnovska 601

Telephone: +420 241 730 326 Fax: +420 241 730 340

Mobile: +420 603 521 163

E-mail: [sekretariat@biom.cz](mailto:sekretariat@biom.cz) www. [www.biom.cz](http://www.biom.cz)

**Main activities:**

CZ Biom is a non-governmental organisation, which support development of sustainable utilization of biomass in the Czech Republic. Members of CZ Biom are scientists, specialists, entrepreneurs and activists in the area of energy use of biomass, composting, waste management etc. CZ Biom is a member of the European Biomass Association AEBIOM and European Composting Network. CZ Biom consist of following sections:

- Energy crops,
- Biomass combustion,
- Composting,
- Biogas,
- International affairs,
- Informatics,
- Consultancy centre.

CZ Biom publishes for its members bulletin BIOM, organises conferences and educational campaigns, asserts ideas of sustainable development to common life and Czech legislation and forms environment for introduction of new and forgotten phytoenergetic technologies.

**Sustainable energy systems****6.1.3.1.1.1 'Cost effective supply of renewable energies'**

Demonstration of innovative design of automated biomass heating systems	<input checked="" type="checkbox"/>
Solar heating and cooling	<input type="checkbox"/>
Geothermal energy	<input type="checkbox"/>
Innovative wind farms, components and design tools	<input type="checkbox"/>
Demonstrations of the next generation of PV technologies/products	<input type="checkbox"/>
Ocean/marine energy technologies	<input type="checkbox"/>

**6.1.3.1.1.2 'Large scale integration of renewable energy sources and energy efficiency'**

Grid issues - Distributed electricity generation	<input type="checkbox"/>
Grid issues – Management of electricity grids linked to large scale decentralised wind power generation	<input type="checkbox"/>

**6.1.3.1.2.1 'Eco-buildings'**

	<input type="checkbox"/>
--	--------------------------

**6.1.3.1.2.2 'Polygeneration'**

<b>6.1.3.1.1.2, 6.1.3.1.2.1, 6.1.3.1.2.2 CONCERTO II - Managing energy demand and renewable energy supply in high performance communities</b>	<input type="checkbox"/>
---	--------------------------

**6.1.3.1 'Thematic promotion and dissemination'**

Renewable electricity technologies	<input checked="" type="checkbox"/>
Renewable heating and cooling technologies	<input checked="" type="checkbox"/>
Production and distribution of liquid and gaseous biofuels	<input checked="" type="checkbox"/>
Eco-buildings	<input type="checkbox"/>
Polygeneration	<input type="checkbox"/>
Energy demand management and renewable energy supply in high performance communities	<input checked="" type="checkbox"/>
Alternative motor fuels	<input type="checkbox"/>
CIVITAS – dissemination and Best Practice Transfer Action	<input type="checkbox"/>

**Company details:**

Company: CEZ ENERGOSERVIS Ltd.

Contact person: Ing. Karel Petlach

Town: Trebic Postcode: 674 01

Street: Brafova 16

Telephone: +420 561 105 013 Fax: +420 568 866 343

Mobile: +420 602 587 226

E-mail: petlach@cezenergoservis.cz www. cezenergoservis.cz

**Main activities:**

maintenance and repairs of:

- nuclear reactors
- steam turbines and turbogenerators
- dieselmotors and dieselgenerators, compressors and compressor plants
- high-voltage and low-voltage electric motors
- installation and repairs of electric machines and instruments
- valves and pipelines
- selected kinds of pumps
- ventilation equipment

manufacture and assembly of:

- pressure vessels and piping systems
- heat exchangers including tube sheets and bundles
- plate-type heat exchangers
- steel structures, welded casings, covers and frames
- steel tanks, reservoirs for loose materials
- locksmith manufacture of miscellaneous parts

jobs:

- metal-cutting, locksmith work
- welding certification for the nuclear industry
- assembly, repairs and maintenance of the specified electrical equipment
- assembly and repairs of specified gas equipment
- laser-optical balancing of machine-sets
- vibrodiagnostics including evaluation software

**Sustainable energy systems****6.1.3.1.1.1 'Cost effective supply of renewable energies'**

- |   |                          |
|---|--------------------------|
| Demonstration of innovative design of automated biomass heating systems | <input type="checkbox"/> |
| Solar heating and cooling   | <input type="checkbox"/> |
| Geothermal energy   | <input type="checkbox"/> |
| Innovative wind farms, components and design tools                      | <input type="checkbox"/> |
| Demonstrations of the next generation of PV technologies/products       | <input type="checkbox"/> |
| Ocean/marine energy technologies  | <input type="checkbox"/> |

**6.1.3.1.1.2 'Large scale integration of renewable energy sources and energy efficiency'**

- |   |                          |
|---|--------------------------|
| Grid issues - Distributed electricity generation  | <input type="checkbox"/> |
| Grid issues – Management of electricity grids linked to large scale decentralised wind power generation | <input type="checkbox"/> |

**6.1.3.1.2.1 'Eco-buildings'**

- |                                     |                          |
|-------------------------------------|--------------------------|
| <b>6.1.3.1.2.2 'Polygeneration'</b> | <input type="checkbox"/> |
|-------------------------------------|--------------------------|

- |   |                          |
|---|--------------------------|
| <b>6.1.3.1.1.2, 6.1.3.1.2.1, 6.1.3.1.2.2 CONCERTO II - Managing energy demand and renewable</b> | <input type="checkbox"/> |
|---|--------------------------|

*energy supply in high performance communities*

**6.1.3.1 'Thematic promotion and dissemination'**

Renewable electricity technologies	<input type="checkbox"/>
Renewable heating and cooling technologies	<input checked="" type="checkbox"/>
Production and distribution of liquid and gaseous biofuels	<input type="checkbox"/>
Eco-buildings	<input type="checkbox"/>
Polygeneration	<input type="checkbox"/>
Energy demand management and renewable energy supply in high performance communities	<input type="checkbox"/>
Alternative motor fuels	<input type="checkbox"/>
CIVITAS – dissemination and Best Practice Transfer Action	<input type="checkbox"/>

**Company details:**

Company: CRUX Ltd.

Contact person: Vaclav Horacek

Town: Hermanuv Mestec Postcode: 538 03

Street: Havlickova 304

Telephone: +420 469 633 620 Fax: +420 469 633 617

Mobile: +420 777 555 863

E-mail: info@ceskaenergetika.com www. ceskaenergetika.com

**Main activities:**

Publication informations about energy.  
Lobbyst.  
Consultancy.

**Sustainable energy systems****6.1.3.1.1.1 'Cost effective supply of renewable energies'**

Demonstration of innovative design of automated biomass heating systems

Solar heating and cooling

Geothermal energy

Innovative wind farms, components and design tools

Demonstrations of the next generation of PV technologies/products

Ocean/marine energy technologies

**6.1.3.1.1.2 'Large scale integration of renewable energy sources and energy efficiency'**

Grid issues - Distributed electricity generation

Grid issues – Management of electricity grids linked to large scale decentralised wind power generation

**6.1.3.1.2.1 'Eco-buildings'**

**6.1.3.1.2.2 'Polygeneration'**

**6.1.3.1.1.2, 6.1.3.1.2.1, 6.1.3.1.2.2 CONCERTO II - Managing energy demand and renewable energy supply in high performance communities**

**6.1.3.1 'Thematic promotion and dissemination'**

Renewable electricity technologies

Renewable heating and cooling technologies

Production and distribution of liquid and gaseous biofuels

Eco-buildings

Polygeneration

Energy demand management and renewable energy supply in high performance communities

Alternative motor fuels

CIVITAS – dissemination and Best Practice Transfer Action

**Company details:**

Company: DAGGER CZ a.s. (stock company)

Contact person: Ing. Vladek Lacina, CSc.

Town: Praha 9 - Letnany Postcode: 199 02

Street: Beranovych 65

Telephone: +420 234 312 929 Fax: +420 283 923 093

Mobile: +420 602 687 441

E-mail: daggercz@daggercz.com www: daggercz.com

**Main activities:**

Project management, design, production and turn key instalation of landfill gas and bio gas cogeneration units ( piston engines based, production of electricity and heat ), operation of landfill and bio gas plants, service, consultancy, feasibility study  
The same activity in application of liquid bio fuels in piston engines based energy plants .....

**Sustainable energy systems****6.1.3.1.1.1 'Cost effective supply of renewable energies'**

Demonstration of innovative design of automated biomass heating systems	<input checked="" type="checkbox"/>
Solar heating and cooling	<input type="checkbox"/>
Geothermal energy	<input type="checkbox"/>
Innovative wind farms, components and design tools	<input type="checkbox"/>
Demonstrations of the next generation of PV technologies/products	<input type="checkbox"/>
Ocean/marine energy technologies	<input type="checkbox"/>

**6.1.3.1.1.2 'Large scale integration of renewable energy sources and energy efficiency'**

Grid issues - Distributed electricity generation	<input type="checkbox"/>
Grid issues – Management of electricity grids linked to large scale decentralised wind power generation	<input type="checkbox"/>

**6.1.3.1.2.1 'Eco-buildings'**

	<input type="checkbox"/>
--	--------------------------

**6.1.3.1.2.2 'Polygeneration'**

	<input type="checkbox"/>
--	--------------------------

**6.1.3.1.1.2, 6.1.3.1.2.1, 6.1.3.1.2.2 CONCERTO II - Managing energy demand and renewable energy supply in high performance communities**

	<input type="checkbox"/>
--	--------------------------

**6.1.3.1 'Thematic promotion and dissemination'**

Renewable electricity technologies	<input checked="" type="checkbox"/>
Renewable heating and cooling technologies	<input checked="" type="checkbox"/>
Production and distribution of liquid and gaseous biofuels	<input type="checkbox"/>
Eco-buildings	<input type="checkbox"/>
Polygeneration	<input type="checkbox"/>
Energy demand management and renewable energy supply in high performance communities	<input type="checkbox"/>
Alternative motor fuels	<input checked="" type="checkbox"/>
CIVITAS – dissemination and Best Practice Transfer Action	<input type="checkbox"/>

**Company details:**

Company: EKOEFECT a.s. (stock company)

Contact person: Mr. Pavel Vrba Ing

Town: Litvinov Postcode: 43601

Street: Areal hlubina 4

Telephone: +420 47 6209139 Fax: +420 47 6732214

Mobile:

E-mail: ekoeffekt@kotle.cz www. kotle.cz

**Main activities:**

Producer of hotwater solid fuel boilers.  
 Production of automatic solid fuel boilers – biomass, brown coal

**Sustainable energy systems****6.1.3.1.1.1 'Cost effective supply of renewable energies'**

Demonstration of innovative design of automated biomass heating systems

Solar heating and cooling

Geothermal energy

Innovative wind farms, components and design tools

Demonstrations of the next generation of PV technologies/products

Ocean/marine energy technologies

**6.1.3.1.1.2 'Large scale integration of renewable energy sources and energy efficiency'**

Grid issues – Distributed electricity generation

Grid issues – Management of electricity grids linked to large scale decentralised wind power generation

**6.1.3.1.2.1 'Eco-buildings'****6.1.3.1.2.2 'Polygeneration'****6.1.3.1.1.2, 6.1.3.1.2.1, 6.1.3.1.2.2 CONCERTO II - Managing energy demand and renewable energy supply in high performance communities****6.1.3.1 'Thematic promotion and dissemination'**

Renewable electricity technologies

Renewable heating and cooling technologies

Production and distribution of liquid and gaseous biofuels

Eco-buildings

Polygeneration

Energy demand management and renewable energy supply in high performance communities

Alternative motor fuels

CIVITAS – dissemination and Best Practice Transfer Action

**Company details:**

Company: EKOL Ltd.

Contact person: Doc.Ing.Stanislav Vesely, CSc.

Town: Brno Postcode: 602 00

Street: Krenova 65

Telephone: +420 543 531 702 Fax: +420 543 242 912

Mobile: +420 602 536 550

E-mail: ekolsro.@ekolbrno.cz www. ekolbrno.cz

**Main activities:**

Reduction of NOx and CO levels during gas turbine operation  
 Low NOx and CO combustion chambers for gas turbines  
 Utilizing biomass for trigeneration  
 Biomass power plants and heat and power plants using steam or piston combustion engines  
 Supply of steam turbines  
 Supply of gas turbines  
 Co-generation units

**Sustainable energy systems****6.1.3.1.1.1 'Cost effective supply of renewable energies'**

Demonstration of innovative design of automated biomass heating systems

Solar heating and cooling

Geothermal energy

Innovative wind farms, components and design tools

Demonstrations of the next generation of PV technologies/products

Ocean/marine energy technologies

**6.1.3.1.1.2 'Large scale integration of renewable energy sources and energy efficiency'**

Grid issues - Distributed electricity generation

Grid issues – Management of electricity grids linked to large scale decentralised wind power generation

**6.1.3.1.2.1 'Eco-buildings'****6.1.3.1.2.2 'Polygeneration'****6.1.3.1.1.2, 6.1.3.1.2.1, 6.1.3.1.2.2 CONCERTO II - Managing energy demand and renewable energy supply in high performance communities****6.1.3.1 'Thematic promotion and dissemination'**

Renewable electricity technologies

Renewable heating and cooling technologies

Production and distribution of liquid and gaseous biofuels

Eco-buildings

Polygeneration

Energy demand management and renewable energy supply in high performance communities

Alternative motor fuels

CIVITAS – dissemination and Best Practice Transfer Action

**Company details:**

Company: EKOL Ltd.

Contact person: Ladislav Absolin

Town: Brno Postcode: <602 00

Street: Křenová 65

Telephone: +420-5 43 531 636 Fax: +420-5 43 21 21 57

Mobile:

E-mail: absolin@ekolbrno.cz www. ekolbrno.cz

**Main activities:**

The company deals with area of energy machinery, i. e. delivery of steam and gas turbines, complete energy units for power plants, heating plants, local heating plants, industrial companies etc. The renewable energy using is the recent delivery trend with accent to the wooden wastes utilization.

**Sustainable energy systems****6.1.3.1.1.1 'Cost effective supply of renewable energies'**

Demonstration of innovative design of automated biomass heating systems

Solar heating and cooling

Geothermal energy

Innovative wind farms, components and design tools

Demonstrations of the next generation of PV technologies/products

Ocean/marine energy technologies

**6.1.3.1.1.2 'Large scale integration of renewable energy sources and energy efficiency'**

Grid issues - Distributed electricity generation

Grid issues – Management of electricity grids linked to large scale decentralised wind power generation

**6.1.3.1.2.1 'Eco-buildings'****6.1.3.1.2.2 'Polygeneration'****6.1.3.1.1.2, 6.1.3.1.2.1, 6.1.3.1.2.2 CONCERTO II - Managing energy demand and renewable energy supply in high performance communities****6.1.3.1 'Thematic promotion and dissemination'**

Renewable electricity technologies

Renewable heating and cooling technologies

Production and distribution of liquid and gaseous biofuels

Eco-buildings

Polygeneration

Energy demand management and renewable energy supply in high performance communities

Alternative motor fuels

CIVITAS – dissemination and Best Practice Transfer Action

**Company details:**

Company: Eko WATT

Contact person: Ing. Jiri Beranovsky, Ph.D.

Town: Praha 7 Postcode: 170 00

Street: Bubenska 1542/6

Telephone: +420 266 710 245 / 247 Fax: +420 266 710 248

Mobile:

E-mail: ekowatt@ekowatt.cz www. ekowatt.cz

**Main activities:**

Energy audits, feasibility studies, and energy and economic analyses of energy management for clients from the ranks of industry, agriculture, undertakers, services, and owners of the public and residential buildings.

- Territorial energy plans of regions, towns and municipalities.
- Analyses of relationships between power engineering and environment.
- Advisory services for constructions and reconstructions of buildings, for switch-over to other types of heating systems, for over cladding of buildings, and for application of energy saving measures.
- Organization of training programmes and seminars for specialists working in the field of both the power engineering and the local government.
- Editing of publications in the area of power engineering, energy conservation and renewable energy resources; specialized web domain: www.energetika.cz.
- Participation in elaboration of documents for harmonization of our legislation with that of EU.
- Information studies in the area of power engineering and of renewable energy resources (solar energy, wind power, hydraulic power, heat pumps, biomass and biogas energy).

Research and development:

2003 - 2004 "Research and analysis of conditions and administrative barriers for connection of renewable sources of electricity to grids in Czech Republic" support by Ministry of the Environment of the Czech Republic

2004 - 2005 "A systemic approach to reducing the environmental burden in relation to the construction and operation of buildings, with an emphasis on construction and energy aspects" support by Ministry of the Environment of the Czech Republic

2005 - 2006 "Complex analysis of the alternative resources of electricity" support by Ministry of the Environment of the Czech Republic

**Sustainable energy systems****6.1.3.1.1.1 'Cost effective supply of renewable energies'**

Demonstration of innovative design of automated biomass heating systems	<input checked="" type="checkbox"/>
Solar heating and cooling	<input checked="" type="checkbox"/>
Geothermal energy	<input checked="" type="checkbox"/>
Innovative wind farms, components and design tools	<input checked="" type="checkbox"/>
Demonstrations of the next generation of PV technologies/products	<input checked="" type="checkbox"/>
Ocean/marine energy technologies	<input type="checkbox"/>

**6.1.3.1.1.2 'Large scale integration of renewable energy sources and energy efficiency'**

Grid issues - Distributed electricity generation	<input type="checkbox"/>
Grid issues – Management of electricity grids linked to large scale decentralised wind power generation	<input type="checkbox"/>

**6.1.3.1.2.1 'Eco-buildings'****6.1.3.1.2.2 'Polygeneration'**

<input checked="" type="checkbox"/>
<input type="checkbox"/>

**6.1.3.1.1.2, 6.1.3.1.2.1, 6.1.3.1.2.2 CONCERTO II** - *Managing energy demand and renewable energy supply in high performance communities*

**6.1.3.1 'Thematic promotion and dissemination'**

Renewable electricity technologies

Renewable heating and cooling technologies

Production and distribution of liquid and gaseous biofuels

Eco-buildings

Polygeneration

Energy demand management and renewable energy supply in high performance communities

Alternative motor fuels

CIVITAS – dissemination and Best Practice Transfer Action

**Company details:**

Company: Energetic Equipment Ltd.

Contact person: Ing. Jiri Matejcek, CSc., Ing. Vladimir Muller

Town: Praha 4 Postcode: 149 00

Street: Mejstrikova 614/12

Telephone: +420 241 721 836 Fax: +420 241 721 836

Mobile: +420 603437240

E-mail: enza@enza.cz www. enza.cz

**Main activities:**

Designing, supplying and montage of equipment using RES - solar technique, heat pumps, recuperation of heat. Hydronics.  
 Surveying in the field of heat energetics.  
 Consultancy activities

**Sustainable energy systems****6.1.3.1.1.1 'Cost effective supply of renewable energies'**

Demonstration of innovative design of automated biomass heating systems

Solar heating and cooling

Geothermal energy

Innovative wind farms, components and design tools

Demonstrations of the next generation of PV technologies/products

Ocean/marine energy technologies

**6.1.3.1.1.2 'Large scale integration of renewable energy sources and energy efficiency'**

Grid issues - Distributed electricity generation

Grid issues – Management of electricity grids linked to large scale decentralised wind power generation

**6.1.3.1.2.1 'Eco-buildings'****6.1.3.1.2.2 'Polygeneration'****6.1.3.1.1.2, 6.1.3.1.2.1, 6.1.3.1.2.2 CONCERTO II - Managing energy demand and renewable energy supply in high performance communities****6.1.3.1 'Thematic promotion and dissemination'**

Renewable electricity technologies

Renewable heating and cooling technologies

Production and distribution of liquid and gaseous biofuels

Eco-buildings

Polygeneration

Energy demand management and renewable energy supply in high performance communities

Alternative motor fuels

CIVITAS – dissemination and Best Practice Transfer Action

**Company details:**

Company: **Enviros Ltd.**

Contact person: **Ing. Miroslav Maly, CSc.**

Town: **Praha 3** Postcode: **13000**

Street: **Na Rovnosti 1**

Telephone: **+420-284007491** Fax: **+420-284861245**

Mobile:

E-mail: **miroslav.maly@enviros.cz** www. **http://www.enviros.cz**

**Main activities:**

Consulting in the fields of energy and environment:

- Development of energy and environmental strategy, policy, legislation, support programmes and action plans for international institutions, state, regional, local authorities; institutional development support.
- Regional & municipal energy plans incl. assessment of impacts on the environment;
- Energy audits in industry, commerce, public and housing sector;
- Technical-financial appraisal of energy and environmental projects (feasibility studies), technical and environmental due-diligence;
- Delivery of Integrated Pollution Prevention and Control (IPPC) application and legal consultancy to industry;
- Energy and environmental management consultancy for local, regional, industrial clients, energy management systems implementation in industry and large buildings;
- Energy efficiency and energy supply studies and projects for industry;
- Market research, technology transfer and demonstration projects.

Participation in several projects within the EC Programmes (TACIS, PHARE, THERMIE, SAVE, ALTENER, 5th/6th Framework Programme).

**Sustainable energy systems****6.1.3.1.1.1 'Cost effective supply of renewable energies'**

Demonstration of innovative design of automated biomass heating systems	<input type="checkbox"/>
Solar heating and cooling	<input checked="" type="checkbox"/>
Geothermal energy	<input checked="" type="checkbox"/>
Innovative wind farms, components and design tools	<input checked="" type="checkbox"/>
Demonstrations of the next generation of PV technologies/products	<input type="checkbox"/>
Ocean/marine energy technologies	<input type="checkbox"/>

**6.1.3.1.1.2 'Large scale integration of renewable energy sources and energy efficiency'**

Grid issues - Distributed electricity generation	<input checked="" type="checkbox"/>
Grid issues – Management of electricity grids linked to large scale decentralised wind power generation	<input checked="" type="checkbox"/>

**6.1.3.1.2.1 'Eco-buildings'**

<b>6.1.3.1.2.2 'Polygeneration'</b>	<input checked="" type="checkbox"/>
-------------------------------------	-------------------------------------

<b>6.1.3.1.1.2, 6.1.3.1.2.1, 6.1.3.1.2.2 CONCERTO II - Managing energy demand and renewable energy supply in high performance communities</b>	<input checked="" type="checkbox"/>
---	-------------------------------------

**6.1.3.1 'Thematic promotion and dissemination'**

Renewable electricity technologies	<input checked="" type="checkbox"/>
Renewable heating and cooling technologies	<input checked="" type="checkbox"/>
Production and distribution of liquid and gaseous biofuels	<input type="checkbox"/>
Eco-buildings	<input checked="" type="checkbox"/>
Polygeneration	<input type="checkbox"/>
Energy demand management and renewable energy supply in high performance communities	<input checked="" type="checkbox"/>
Alternative motor fuels	<input type="checkbox"/>
CIVITAS – dissemination and Best Practice Transfer Action	<input checked="" type="checkbox"/>

**Company details:**

Company: MOTORGAS Ltd.

Contact person: Ing.Vladan Svana

Town: Praha 9 Postcode: 196 00

Street: Oderska 333

Telephone: +420 283 930 882 Fax: +420 283 930 883

Mobile:

E-mail: svana@motorgas.cz www. motorgas.cz

**Main activities:**

Cogeneration unit producer. Projection, production, mounting and servicing of cogeneration unit fuelled by biogas, sewage gas, digester gas, landfill gas, coal mine gas, natural gas, etc. We use Waukesha and MAN gas engines. CHP units in range from 40 to 3250 kWe.

**Sustainable energy systems****6.1.3.1.1.1 'Cost effective supply of renewable energies'**

Demonstration of innovative design of automated biomass heating systems	<input checked="" type="checkbox"/>
Solar heating and cooling	<input type="checkbox"/>
Geothermal energy	<input type="checkbox"/>
Innovative wind farms, components and design tools	<input type="checkbox"/>
Demonstrations of the next generation of PV technologies/products	<input type="checkbox"/>
Ocean/marine energy technologies	<input type="checkbox"/>

**6.1.3.1.1.2 'Large scale integration of renewable energy sources and energy efficiency'**

Grid issues - Distributed electricity generation	<input type="checkbox"/>
Grid issues – Management of electricity grids linked to large scale decentralised wind power generation	<input type="checkbox"/>
<b>6.1.3.1.2.1 'Eco-buildings'</b>	<input type="checkbox"/>
<b>6.1.3.1.2.2 'Polygeneration'</b>	<input type="checkbox"/>
<b>6.1.3.1.1.2, 6.1.3.1.2.1, 6.1.3.1.2.2 CONCERTO II - Managing energy demand and renewable energy supply in high performance communities</b>	<input type="checkbox"/>

**6.1.3.1 'Thematic promotion and dissemination'**

Renewable electricity technologies	<input checked="" type="checkbox"/>
Renewable heating and cooling technologies	<input checked="" type="checkbox"/>
Production and distribution of liquid and gaseous biofuels	<input type="checkbox"/>
Eco-buildings	<input type="checkbox"/>
Polygeneration	<input checked="" type="checkbox"/>
Energy demand management and renewable energy supply in high performance communities	<input type="checkbox"/>
Alternative motor fuels	<input type="checkbox"/>
CIVITAS – dissemination and Best Practice Transfer Action	<input type="checkbox"/>

**Company details:**

Company: PolyComp a.s. (stock company)

Contact person: Ing.Jakub Hrbek,PhD.

Town: Podebrady Postcode: 290 01

Street: Na Hrazce 22

Telephone: +420 325 604 111 Fax: +420 325 604 666

Mobile: +420 724 274 253

E-mail: polycomp@polycomp.cz www. polycomp.cz

**Main activities:**

steam middle-pressure boilers; transportable containerized boiler house; boilers for recoverable source (biomass), secondary source and coal; equipment for produce electrical energy; heat and steam accumulators; high supplies of equipment for energy plants

**Sustainable energy systems****6.1.3.1.1.1 'Cost effective supply of renewable energies'**

Demonstration of innovative design of automated biomass heating systems

Solar heating and cooling

Geothermal energy

Innovative wind farms, components and design tools

Demonstrations of the next generation of PV technologies/products

Ocean/marine energy technologies

**6.1.3.1.1.2 'Large scale integration of renewable energy sources and energy efficiency'**

Grid issues - Distributed electricity generation

Grid issues – Management of electricity grids linked to large scale decentralised wind power generation

**6.1.3.1.2.1 'Eco-buildings'****6.1.3.1.2.2 'Polygeneration'****6.1.3.1.1.2, 6.1.3.1.2.1, 6.1.3.1.2.2 CONCERTO II - Managing energy demand and renewable energy supply in high performance communities****6.1.3.1 'Thematic promotion and dissemination'**

Renewable electricity technologies

Renewable heating and cooling technologies

Production and distribution of liquid and gaseous biofuels

Eco-buildings

Polygeneration

Energy demand management and renewable energy supply in high performance communities

Alternative motor fuels

CIVITAS – dissemination and Best Practice Transfer Action

**Company details:**

Company: Porsenna

Contact person: Miroslav Safarik

Town: Prague Postcode: 140 00

Street: Bystricka 522/2

Telephone: +420 241 730 336 Fax: +420 241 730 340

Mobile: +420 603 286 336

E-mail: [safarik@porsenna.cz](mailto:safarik@porsenna.cz) www. [www.porsenna.cz](http://www.porsenna.cz)

**Main activities:**

Strategic planning for sustainable development  
 Feasibility studies  
 SWOT analyses  
 Cost Benefit analyses  
 Assistance in strategic decisions with respect to legislative requests  
 Methodical guidance to project realization, e.g. PPP (Public Private Partnership) or EPC (Energy Performance Contracting) projects  
 Consultancy on energy efficiency and RES  
 Energy concepts in building  
 Low-energy building studies  
 Sustainable building and refurbishments  
 Project preparation linking to the structural funds financing  
 Renewable energy sources research and utilisation  
 Non-profit services procurement for regions  
 RTD and scientific and educational support in ecological and environmental economy, sustainable development, environment, renewable energy sources, sustainable building  
 Education, edification, training

**Sustainable energy systems****6.1.3.1.1.1 'Cost effective supply of renewable energies'**

Demonstration of innovative design of automated biomass heating systems

Solar heating and cooling

Geothermal energy

Innovative wind farms, components and design tools

Demonstrations of the next generation of PV technologies/products

Ocean/marine energy technologies

**6.1.3.1.1.2 'Large scale integration of renewable energy sources and energy efficiency'**

Grid issues - Distributed electricity generation

Grid issues – Management of electricity grids linked to large scale decentralised wind power generation

**6.1.3.1.2.1 'Eco-buildings'****6.1.3.1.2.2 'Polygeneration'**

**6.1.3.1.1.2, 6.1.3.1.2.1, 6.1.3.1.2.2 CONCERTO II - Managing energy demand and renewable energy supply in high performance communities**

**6.1.3.1 'Thematic promotion and dissemination'**

Renewable electricity technologies

Renewable heating and cooling technologies

Production and distribution of liquid and gaseous biofuels

Eco-buildings

Polygeneration

Energy demand management and renewable energy supply in high performance communities

Alternative motor fuels

CIVITAS – dissemination and Best Practice Transfer Action

**Company details:**

Company: The Regional Energy Centre

Contact person: Ing. Zdenek Stekl, the chairman of the board of trustees

Town: Valasske Mezirici Postcode: 757 01

Street: Vsetinska 78

Telephone: +420 777 696 694 Fax:

Mobile: +420 603 772 763

E-mail: rec@nva.cz, zdenekstekl@post.cz www. regec.cz

**Main activities:**

The Regional Energy Centre has had long experience in education and promotion in the area of renewable energies.

Among our activity belongs to above all:

- Assertion legislature concerning energetics and life environment at a regional level
- Support loading and prosecution systems energy drive
- Support processing energy audits and territorial energy conception
- Searching projects, fund - raising for these projects
- Agitprop and informative activity in the area power come into operation, savings energy, usage renewable and secondary sources energy
- Cooperation with foreign partners etc.

**Sustainable energy systems****6.1.3.1.1.1 'Cost effective supply of renewable energies'**

Demonstration of innovative design of automated biomass heating systems	<input checked="" type="checkbox"/>
Solar heating and cooling	<input checked="" type="checkbox"/>
Geothermal energy	<input checked="" type="checkbox"/>
Innovative wind farms, components and design tools	<input checked="" type="checkbox"/>
Demonstrations of the next generation of PV technologies/products	<input checked="" type="checkbox"/>
Ocean/marine energy technologies	<input type="checkbox"/>

**6.1.3.1.1.2 'Large scale integration of renewable energy sources and energy efficiency'**

Grid issues - Distributed electricity generation	<input checked="" type="checkbox"/>
Grid issues – Management of electricity grids linked to large scale decentralised wind power generation	<input type="checkbox"/>

**6.1.3.1.2.1 'Eco-buildings'**

	<input checked="" type="checkbox"/>
--	-------------------------------------

**6.1.3.1.2.2 'Polygeneration'**

	<input type="checkbox"/>
--	--------------------------

**6.1.3.1.1.2, 6.1.3.1.2.1, 6.1.3.1.2.2 CONCERTO II - Managing energy demand and renewable energy supply in high performance communities**

	<input checked="" type="checkbox"/>
--	-------------------------------------

**6.1.3.1 'Thematic promotion and dissemination'**

Renewable electricity technologies	<input checked="" type="checkbox"/>
Renewable heating and cooling technologies	<input checked="" type="checkbox"/>
Production and distribution of liquid and gaseous biofuels	<input type="checkbox"/>
Eco-buildings	<input checked="" type="checkbox"/>
Polygeneration	<input type="checkbox"/>
Energy demand management and renewable energy supply in high performance communities	<input checked="" type="checkbox"/>
Alternative motor fuels	<input type="checkbox"/>
CIVITAS – dissemination and Best Practice Transfer Action	<input checked="" type="checkbox"/>

## Company details:

Company: Department of Electrical Power Engineering, Faculty of Electrical Engineering and Communication, Brno University of Technology

Contact person: Ing. Petr Toman, Ph.D.

Town: Brno Postcode: 616 00

Street: Technicka 8

Telephone: +420 541 149 224 Fax: +420 541 149 246

Mobile: +420 608 151 849

E-mail: toman@feec.vutbr.cz www. feec.vutbr.cz/UEEN

## Main activities:

The Department of Electrical Power Engineering provides education at bachelor's, master's and PhD levels and research in power engineering. The aim is to prepare specialists in the most important areas of electrical power engineering such as the generation and distribution of electricity as well as its utilization. The department fused with the Department of Special Electrotechnical Engineering in 1999, which broadened its scope with alternative power supplies, field that has become very important recently. Laboratory work takes place in specialized laboratories where students can perform various experiments, which give them a chance to improve their theoretical knowledge. Information technology development has obviously influenced power engineering and thus education and research processes deal also with computer application for power system simulation or for testing digital protective devices.

## Sustainable energy systems

### 6.1.3.1.1.1 'Cost effective supply of renewable energies'

Demonstration of innovative design of automated biomass heating systems	<input type="checkbox"/>
Solar heating and cooling	<input checked="" type="checkbox"/>
Geothermal energy	<input type="checkbox"/>
Innovative wind farms, components and design tools	<input type="checkbox"/>
Demonstrations of the next generation of PV technologies/products	<input type="checkbox"/>
Ocean/marine energy technologies	<input type="checkbox"/>

### 6.1.3.1.1.2 'Large scale integration of renewable energy sources and energy efficiency'

Grid issues - Distributed electricity generation	<input checked="" type="checkbox"/>
Grid issues – Management of electricity grids linked to large scale decentralised wind power generation	<input checked="" type="checkbox"/>

#### 6.1.3.1.2.1 'Eco-buildings'

#### 6.1.3.1.2.2 'Polygeneration'

6.1.3.1.1.2, 6.1.3.1.2.1, 6.1.3.1.2.2 <b>CONCERTO II</b> - Managing energy demand and renewable energy supply in high performance communities	<input type="checkbox"/>
---	--------------------------

### 6.1.3.1 'Thematic promotion and dissemination'

Renewable electricity technologies	<input checked="" type="checkbox"/>
Renewable heating and cooling technologies	<input checked="" type="checkbox"/>
Production and distribution of liquid and gaseous biofuels	<input type="checkbox"/>
Eco-buildings	<input type="checkbox"/>
Polygeneration	<input type="checkbox"/>
Energy demand management and renewable energy supply in high performance communities	<input checked="" type="checkbox"/>
Alternative motor fuels	<input type="checkbox"/>
CIVITAS – dissemination and Best Practice Transfer Action	<input type="checkbox"/>

## Company details:

Company: Brno University of Technology, Faculty of Mechanical Engineering, Institute of Power Engineering

Contact person: Doc. Ing. Zdenek Skala, CSc.

Town: Brno Postcode: 616 69

Street: Technicka 2

Telephone: +420 541 142 581 Fax: +420 541 143 345

Mobile:

E-mail: skala@eu.fme.vutbr.cz www. otjez.fme.vutbr.cz

## Main activities:

The Institute of Power Engineering deals with research and technical development of power generation and effective utilizing of energy. Research activities are focused either on increasing of power generation efficiency of classical energy sources or utilizing of new sources of energy namely renewable sources. At present time, the institute is engaged in following research activities: biomass gasification, absorption heat pump testing, absorption solar cooling, cogeneration, trigeneration and waste incineration.

## Sustainable energy systems

### 6.1.3.1.1.1 'Cost effective supply of renewable energies'

Demonstration of innovative design of automated biomass heating systems	<input type="checkbox"/>
Solar heating and cooling	<input checked="" type="checkbox"/>
Geothermal energy	<input type="checkbox"/>
Innovative wind farms, components and design tools	<input type="checkbox"/>
Demonstrations of the next generation of PV technologies/products	<input type="checkbox"/>
Ocean/marine energy technologies	<input type="checkbox"/>

### 6.1.3.1.1.2 'Large scale integration of renewable energy sources and energy efficiency'

Grid issues - Distributed electricity generation	<input type="checkbox"/>
Grid issues – Management of electricity grids linked to large scale decentralised wind power generation	<input type="checkbox"/>

#### 6.1.3.1.2.1 'Eco-buildings'

#### 6.1.3.1.2.2 'Polygeneration'

6.1.3.1.1.2, 6.1.3.1.2.1, 6.1.3.1.2.2 CONCERTO II - Managing energy demand and renewable energy supply in high performance communities	<input type="checkbox"/>
--	--------------------------

### 6.1.3.1 'Thematic promotion and dissemination'

Renewable electricity technologies	<input checked="" type="checkbox"/>
Renewable heating and cooling technologies	<input checked="" type="checkbox"/>
Production and distribution of liquid and gaseous biofuels	<input type="checkbox"/>
Eco-buildings	<input type="checkbox"/>
Polygeneration	<input checked="" type="checkbox"/>
Energy demand management and renewable energy supply in high performance communities	<input type="checkbox"/>
Alternative motor fuels	<input type="checkbox"/>
CIVITAS – dissemination and Best Practice Transfer Action	<input type="checkbox"/>

**Company details:**

Company: VacuSol Ltd.

Contact person: Lubos Varejka

Town: Dolni Rozinka Postcode: 592 51

Street: 74

Telephone: +420 566 567 531 Fax: +420 566 567 531

Mobile: +420 602 551 902

E-mail: vacusol@vacusolar.cz www. vacusolar.cz

**Main activities:**

- Vacuum Solar Collector production
- Sale
- Assembly
- Service

**Sustainable energy systems****6.1.3.1.1.1 'Cost effective supply of renewable energies'**

Demonstration of innovative design of automated biomass heating systems	<input type="checkbox"/>
Solar heating and cooling	<input checked="" type="checkbox"/>
Geothermal energy	<input type="checkbox"/>
Innovative wind farms, components and design tools	<input type="checkbox"/>
Demonstrations of the next generation of PV technologies/products	<input type="checkbox"/>
Ocean/marine energy technologies	<input type="checkbox"/>

**6.1.3.1.1.2 'Large scale integration of renewable energy sources and energy efficiency'**

Grid issues - Distributed electricity generation	<input type="checkbox"/>
Grid issues – Management of electricity grids linked to large scale decentralised wind power generation	<input type="checkbox"/>
<b>6.1.3.1.2.1 'Eco-buildings'</b>	<input type="checkbox"/>
<b>6.1.3.1.2.2 'Polygeneration'</b>	<input type="checkbox"/>
<b>6.1.3.1.1.2, 6.1.3.1.2.1, 6.1.3.1.2.2 CONCERTO II - Managing energy demand and renewable energy supply in high performance communities</b>	<input type="checkbox"/>

**6.1.3.1 'Thematic promotion and dissemination'**

Renewable electricity technologies	<input type="checkbox"/>
Renewable heating and cooling technologies	<input checked="" type="checkbox"/>
Production and distribution of liquid and gaseous biofuels	<input type="checkbox"/>
Eco-buildings	<input type="checkbox"/>
Polygeneration	<input type="checkbox"/>
Energy demand management and renewable energy supply in high performance communities	<input type="checkbox"/>
Alternative motor fuels	<input type="checkbox"/>
CIVITAS – dissemination and Best Practice Transfer Action	<input type="checkbox"/>

**Company details:**

Company: VERNER a. s. (stock company)

Contact person: Ing. Vladimir Verner

Town: Cerveny Kostelec Postcode: 549 41

Street: Sokolska 321

Telephone: +420 491 462 238 Fax: +420 491 465 027

Mobile: ---

E-mail: verner@verner.cz www. verner.cz

**Main activities:**

VERNER company produces and supplies fireplace stoves (5 - 8 kW), interior boilers (6 - 16 kW), automatic hot-water boilers intended for burning of corn and pellets (23 - 48 kW), wood boilers (20 - 45 kW) and automatic biomass boiler plants (90 - 2 500 kW, in cascade up to 10 000 kW).

About 60% of our high quality products have been steadily exported not only to the western Europe and Scandinavia markets but also to the markets of eastern Europe as well. VERNER company is a modern organization with the firm hold on the local and the international market. Quality of our products, which is constantly being improved is based on the EN ISO 9001:2001 standards.

**Sustainable energy systems****6.1.3.1.1.1 'Cost effective supply of renewable energies'**

Demonstration of innovative design of automated biomass heating systems	<input checked="" type="checkbox"/>
Solar heating and cooling	<input type="checkbox"/>
Geothermal energy	<input type="checkbox"/>
Innovative wind farms, components and design tools	<input type="checkbox"/>
Demonstrations of the next generation of PV technologies/products	<input type="checkbox"/>
Ocean/marine energy technologies	<input type="checkbox"/>

**6.1.3.1.1.2 'Large scale integration of renewable energy sources and energy efficiency'**

Grid issues - Distributed electricity generation	<input type="checkbox"/>
Grid issues – Management of electricity grids linked to large scale decentralised wind power generation	<input type="checkbox"/>
<b>6.1.3.1.2.1 'Eco-buildings'</b>	<input type="checkbox"/>
<b>6.1.3.1.2.2 'Polygeneration'</b>	<input type="checkbox"/>
<b>6.1.3.1.1.2, 6.1.3.1.2.1, 6.1.3.1.2.2 CONCERTO II - Managing energy demand and renewable energy supply in high performance communities</b>	<input type="checkbox"/>

**6.1.3.1 'Thematic promotion and dissemination'**

Renewable electricity technologies	<input type="checkbox"/>
Renewable heating and cooling technologies	<input type="checkbox"/>
Production and distribution of liquid and gaseous biofuels	<input type="checkbox"/>
Eco-buildings	<input type="checkbox"/>
Polygeneration	<input type="checkbox"/>
Energy demand management and renewable energy supply in high performance communities	<input type="checkbox"/>
Alternative motor fuels	<input type="checkbox"/>
CIVITAS – dissemination and Best Practice Transfer Action	<input type="checkbox"/>

**Company details:**

Company: WIND TECHNOLOGY s.r.o.

Contact person: Rostislav Benes

Town: Kamenicky Senov Postcode: 471 14

Street: Tyrsova 593

Telephone: 487767208 Fax:

Mobile: 608280029

E-mail: [benes@windtechnology.cz](mailto:benes@windtechnology.cz) www. [www.windtechnology.cz](http://www.windtechnology.cz)

**Main activities:**

Construction and operating of wind farms.  
Project management.

**Sustainable energy systems****6.1.3.1.1.1 'Cost effective supply of renewable energies'**

Demonstration of innovative design of automated biomass heating systems	<input checked="" type="checkbox"/>
Solar heating and cooling	<input checked="" type="checkbox"/>
Geothermal energy	<input type="checkbox"/>
Innovative wind farms, components and design tools	<input checked="" type="checkbox"/>
Demonstrations of the next generation of PV technologies/products	<input checked="" type="checkbox"/>
Ocean/marine energy technologies	<input type="checkbox"/>

**6.1.3.1.1.2 'Large scale integration of renewable energy sources and energy efficiency'**

Grid issues - Distributed electricity generation	<input checked="" type="checkbox"/>
Grid issues – Management of electricity grids linked to large scale decentralised wind power generation	<input checked="" type="checkbox"/>

**6.1.3.1.2.1 'Eco-buildings'**

	<input checked="" type="checkbox"/>
--	-------------------------------------

**6.1.3.1.2.2 'Polygeneration'**

	<input checked="" type="checkbox"/>
--	-------------------------------------

**6.1.3.1.1.2, 6.1.3.1.2.1, 6.1.3.1.2.2 CONCERTO II - Managing energy demand and renewable energy supply in high performance communities**

	<input checked="" type="checkbox"/>
--	-------------------------------------

**6.1.3.1 'Thematic promotion and dissemination'**

Renewable electricity technologies	<input checked="" type="checkbox"/>
Renewable heating and cooling technologies	<input checked="" type="checkbox"/>
Production and distribution of liquid and gaseous biofuels	<input type="checkbox"/>
Eco-buildings	<input checked="" type="checkbox"/>
Polygeneration	<input checked="" type="checkbox"/>
Energy demand management and renewable energy supply in high performance communities	<input checked="" type="checkbox"/>
Alternative motor fuels	<input checked="" type="checkbox"/>
CIVITAS – dissemination and Best Practice Transfer Action	<input checked="" type="checkbox"/>