

**Template for**  
**Interim/Progress/Final**  
**Technical Implementation Report**

**Type 2 Actions (Agencies)**  
**Call for proposals 2008**

**Grant Agreement IEE/08/AGENCIES/431/SI2.529246**

**Establishment of a regional Energy Agency in Poland**

**Creation of Energy Agencies**

## **AGENCY DETAILS**

Name:

Regional Energy Management Agency in the Vistula River Valley

Full address:

Górki 3, 82-500 Kwidzyn, Poland

Telephone:

0048 (55) 279 70 79

Fax:

0048 (55) 625 08 08

E-mail:

praze@praze.pl

Name of the president of the management board

Marcin Duda

Name of person responsible (Director, President of the Management Board):

Marcin Duda

## **DURATION OF CONTRACT:**

**Time schedule of the grant agreement:**

**Date of signature of the grant agreement: 22/06/2009**

**Date of legal establishment of the agency: 17/12/2009**

**Date of signature of the first amendment: 26/02/2010**

**Date of the inception report: 30/09/2010**

**Date of the interim report: 29/09/2011**

**Date of the progress report: 28/07/2012**

**Date of the final report: 27/05/2013**

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## AGENCY STRUCTURE

(N/A)

### Description of the area and population covered by the Agency (N/A)

#### Legal set up and status

The registered office of the Regional Energy Management Agency in the Vistula River Valley, is located in Górkki 3, 82-500 Kwidzyn, Poland. The Agency was legally established on 17.12.2009, under the legal form of association, registration number 0000344125 in accordance with final and legally valid Registry Court decision No GD.VII NS-REJ.KRS/015890/09/086 from 17.12.2009, and the commencement of activity under the terms of Article I.3 of the agreement took place on the 02.01.2010;

The Agency was created in the form of an association. This form enables us to fully complete public activities that were planned within the project and it fulfills the requirements of the programme, such as own management board of the agency, appropriate registration in a regional court, own statute and individual bank account.

The statute of the association contains all the relevant data needed for its activity, in compliance with the project: the name of the agency, area of influence, location of the site, main goals and activities, conditions of membership, laws and duties of the members, bodies of the Agency, ways of electing the bodies and their competences .

The budget of the association comes from the own contributions of its members, donations, and others legal sources. The activity of the association is defined as non-profit, with all the potential profits (in accordance with Polish law) to be used exclusively for its statutory goals. The association (the Agency) has the possibility, according to Polish regulations, to be supported by the public sector as well, which enhances its stability and durability.

### Decision-making body of the agencyThe Management Board (N/A)

The management board of the Agency was elected by all the members of the association. The County of Kwidzyn proposed, according to the Polish regulations, the candidates to the management board that ensured efficiency and continuity work of the activities of the Agency, as well as completion of the statutory goals of the Agency and of the defined action plans. The other three Counties have their participants in the Management Board for more stable and strong involvement in the Project.

Management Board of the Agency (Specify the background and numbers of members in each category)	Number	%
<ul style="list-style-type: none"><li>Local or regional <u>elected</u> representatives : The members of management boards coming from the local government units: <b>Marcin Duda</b></li></ul>		

<p>representing the County of Kwidzyn, chosen out from the members of the Council of Kwidzyn County, <b>Anna Korpalska</b> appointed by the County Management Board, 3 members representing the other counties from the area covered by the Agency ( <b>Magdalena Kawka</b> representing the county of Sztum, <b>Beata Zakrzewska</b> representing the county of Malbork and <b>Matueusz Szauer</b> representing the county of Iława ).</p>	5	62,5 %
<ul style="list-style-type: none"> <li>Representatives of <u>consumers</u>, <u>enterprises</u> or <u>professional associations</u>: <b>Jarosław Rosiak</b> representing The Association of Kwidzyn County Development Industrial and the Industrial and Technological Park of Kwidzyn, a limited liability company. The activity within renewable energy sources will be developed as part of the future Park. In February 2012, Piotr Łączny resigned from the position of Director of the Industry and Technology Park in Kwidzyn. He also resigned from the Management Board of the Agency. In May 2012, Jarosław Rosiak was appointed Director of the Park, and subsequently he was appointed member of the Management Board of the Agency.</li> </ul>	I	12,5 %
<ul style="list-style-type: none"> <li>Representatives of national, regional or local energy management agencies : <b>Edmund Wach</b> representing the Baltic Energy Saving Agency, a limited liability company in Gdańsk</li> </ul>	I	12,5 %
<ul style="list-style-type: none"> <li>Other members (producers / distributors, university, research centers banks, etc.): entrepreneur, architect and project designer <b>Jarosław Mysior</b></li> </ul>		
TOTAL	8	100%

### Key staff of the Agency

	Number	%
Full time new jobs	4	4
Part time new jobs		
Seconded full time		
Seconded part time		
Total equivalent full time	4	100

Category	Name and Surname of the employees	Dates of employment	Profiles of the Agency's staff
Energy Specialist	Wiesław Zienkiewicz	15.03.2010 - now	<p>Mr Wieslaw Zienkiewicz graduated from the Institute of Technology in Gdańsk, with an Master of Engineering in Mechanics. He obtained post-graduate vocational qualifications in Energy Certificates and Auditing for Thermomodernization and Energy Surveyance , from the Department of Electronics and Automatics, Institute of Technology in Gdańsk as well as vocational qualifications in Estate Management and Surveyance from the Department of Land Surveying and Land Economy, University of Warmia and Mazury in Olsztyn. He has essential professional experience as a technical consultant, where he dealt with coordination of construction work of boiler rooms and heating installations, oversight of exploitation of small gas and oil boiler rooms and preparation of documentation and coordination of procedures. Mr Wiesław Zienkiewicz is responsible for activities related to energy savings. Mr Zienkiewicz has the necessary permissions for issuing energy certificates for buildings and the experience in conducting energy audits. He is responsible for preparing documentation and materials for tasks in the task packages and the preparation of common projects with partners.</p>
Energy Specialist	Kamil Łapiński	09.08.2010 - now	<p>Mr Kamil Łapiński graduated from The School for Renewable Energy Science (Iceland), specialising in Fuel Cell System &amp; Hydrogen. He also obtained a degree in Power Engineering and Renewable Energy Sources from the University of Warmia and Mazury in Olsztyn. In 2009 – 2010 Mr. Łapiński was working at the Innovation Centre in Reykjavik and Carbon Recycling International (CRI) Reykjavik where he worked on the project “Renewable Methanol (RM) as a fuel”. Mr Kamil Łapiński is involved in theme of using the Renewable</p>

			Energy Sources, consulting on installations and equipment using RES, the rules for use of RES and RES performance. He is responsible for preparing documentation and materials for tasks in the task packages, maintaining contacts with target groups and searching national or international projects and partners for the agency.
Secretary / administrative services:	Aleksandra Tuptyńska	01.06.2010 - now	Miss Aleksandra Tuptyńska obtained a Bachelor of Arts and a Master of Arts degree in European Integration. She has got professional experience as project manager assistant working on an EU project in The Kwidzyn County, where she dealt with purchases, organization of instruction (training) and management of the EU project. There she gained essential experience in managing an European social fund. Miss Aleksandra Tuptyńska is responsible for the administrative support for the Agency and Management Board, managing correspondence, preparing reports, ordering office and other materials in connection with work packages and preparing project applications.
Trainees :	-		-
Others (specify): Director	Marcin Duda	02.01.2010 - now	Dr Marcin Duda has graduated from the University of Warmia and Mazury in Olsztyn with a Master of Science in Environmental Protection, and obtained his PhD from the same institution. He has got professional experience as an Environmental Protection and Water Management officer in the Commune of Kwidzyn, where he dealt with environment estimates of interactions and union funds. Director of the Agency is responsible for preparing documents for the Management Board meetings, ensuring the achievement of Agency objectives and targets, representing the Agency to outside partners, decision making, budget control, preparing the appropriate reports on activity of the Agency and annual activity plans, supervision of the Project progress and presenting it for approval of the Management

			Board, maintaining the already existing contacts and establishing the relations with new partners including international contacts, contacts with local government authorities and with all the partners involved in the project and organising the work of the Agency staff.
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In period from the 16<sup>th</sup> of March until the 6<sup>th</sup> of August 2010 Mr. Szymon Siedlanowski was employed as an energy specialist. Work contract has been solved on the 6<sup>th</sup> of August 2010. Mr. Szymon Siedlanowski has been accepted based on his qualifications. He graduated from the University of Warmia and Mazury with a Master of Engineering in Power Engineering and Renewable Energy Sources. He also obtained a Master degree from The School for Renewable Energy Science in Akureyri in Iceland.

### Advisory bodies (Scientific committee/Evaluation committee/others)

Management Board of The Vistula River Valley Energy Agency includes:

1.	Marcin Duda	Chairman, Director of Regional Energy Management Agency in the Vistula River Valley
2.	Jarosław Rosiak	Member, The Association of Kwidzyn County Development
3.	Jarosław Mysior	Member
4.	Edmund Wach	Member, The Baltic Energy Conservation Agency in Gdańsk
5.	Anna Korpalska	Member, The County of Kwidzyn
6.	Beata Zakrzewska	Member, The County of Malbork
7.	Magdalena Kawka	Member, The County of Sztum
8.	Mateusz Szauer	Member, The County of Iława

The Audit Committee of Vistula River Valley Agency:

1.	Jolanta Klusek
2.	Małgorzata Kubic
3.	Tomasz Koprowiak

Members of the Association of The Vistula River Valley Energy Agency :

1.	Marcin Duda	Director of Vistula River Valley Agency
2.	Mirosław Czapla	The County of Malbork
3.	Adrianna Dobrzyńska	The County of Sztum
4.	Andrzej Fortuna	The County of Kwidzyn
5.	Jerzy Godzik	The County of Kwidzyn
6.	Jerzy Grabowski	The Gardeja Commune
7.	Piotr Halagiera	Office of The Town of Kwidzyn
8.	Włodzimierz Harmaciński	The County of Iława
9.	Józef Kędziora	private entrepreneur
10.	Jolanta Klusek	
11.	Jacek Kopisto	private entrepreneur
12.	Elżbieta Krajewska	The Sadlinki Commune
13.	Tomasz Koprowiak	The Town of Kisielice
14.	Małgorzata Kubic	
15.	Kazimierz Kulecki	
16.	Jarosław Rosiak	The Association of Kwidzyn County Development
17.	Ryszard Mówiński	
18.	Jarosław Mysior	
19.	Ewa Romanow – Pękal	The EKO- Initiative Association
20.	Zygmunt Smoliński	The County of Sztum
21.	Edmund Wach – The Baltic Energy Conservation Agency	
22.	Andrzej Wróblewicz	The County of Kwidzyn
23.	Zdzisław Biesiekierski	The Kwidzyn County Council
24.	Szymon Siedlanowski	
25.	Wiesław Zienkiewicz	The Vistula River Valley Agency
26.	Bogusława Luterek	The County of Malbork
27.	Anna Korpalska	The County of Kwidzyn
28.	Beata Zakrzewska	The County of Malbork
29.	Magdalena Kawka	The County of Sztum
30.	Mateusz Szauer	The County of Iława
31.	Kamil Łapiński	The Vistula River Valley Agency
32.	Aleksandra Tuptyńska	The Vistula River Valley Agency
33.	Bożena Górczyca	
34.	Piotr Łączny	

**European cooperation (Relationships with existing energy management agencies, mentor agency, other energy organization or networks)**

**Our Agency cooperates with the following partners:**



## 1. On the regional level:

**Baltic Agency for Rational Use of Energy in Gdansk (BAPE)**, a limited liability company. We are the partner of BAPE in some projects. As partners of the Agency BAPE conducted energy audits and prepared some technical documents, including the report: „ Estimation of Energy Needs and RES Potential at Kwidzyn County Area, years 2006 – 2016 ”.

Because of the close cooperation with BAPE we can call them our **Mentor agency**.

**Baltic Eco-Energy Cluster** , which includes mainly scientific research units, among them The Institute of Flow Machines of the Polish Science Academy in Gdańsk dealing with energy matters.

The County of Kwidzyn is a member of this cluster and has its representative in the Cluster's Management Board.

**Vistula River Valley Energy Cluster** – We are a member of this Cluster and a partner in of some projects.

**Eco Initiative** – Membership.

**Local Action Group in the Vistula River Valley** – Membership

**The County of Kwidzyn County**, Poland

**The County of Sztum**, Poland

**The County of Malbork**, Poland

**The County of Iława**, Poland

**Industrial and Technological Park of Kwidzyn**, Poland

## 2. On the national level:

**Renewable Energy Institute of the European Centre of Renewable Energy (EC BREC)  
National Agency for Rational Use of Energy in Warsaw**

The above two institutions are the main bodies dealing with rational energy use matters and RES in Poland.

**Polish Group of Energy Agencies** - On 19 May 2010, participants of the Regional Forum of Energy Agencies in Poznań decided to cooperate as "Polish Group of Energy Agencies" (PGAE). The agreement establishing PGAE as a voluntary action open to other agencies was signed at a working meeting on 8 June 2010 in Warsaw. The member of PGAE are Regional Management Agency in the Vistula River Volley, The Energy Agency of Warminsko-Mazurskie Voivodeship, Podkarpacka Energy Management Agency, Wielkopolska Energy Management Agency and

Mazovian Energy Agency. PGAE is an action aimed at mutual support, exchange of products - the effects of its activities and the dissemination of successful projects.

### **3. On an international level:**

The Agency is a member of :

**Swedish – Polish sustainable energy platform.**

**European Centre of Renewable Energy in Guessing, Austria**

The Agency is a partner of :

**The county of Osterholz, Germany**

#### **Autonomy of the Agency**

N/A

#### **Evaluation of agency's activities**

N/A

**WORK PROGRAMME OF THE NEW AGENCY (covering the activities related to the interim report phase)**

**Work Programme**

- Work Package 1: Legal establishment of the agency
- Work Package 2: Management
- Work Package 3: Energy planning
- Work Package 4: Sector activities
- Work Package 5: Horizontal activities
- Work Package 6: Capacity building through European co-operation
- Work Package 7: Communication and dissemination at local, regional, national levels
- Work Package 8: IEE dissemination activities

Work Package 1: Legal establishment of the agency

<b>N° of work package:</b> <b>1</b>	<b>Foundation and legal establishment of the Energy Agency Vistula River Valley Association</b>
<b>Duration in months:</b> <b>6</b>	The County of Kwidzyn
<b>I. Description of the work:</b>	
<p><b>a) Work package overview</b> This work package contains all activities necessary for the foundation and legal establishment of the Vistula River Valley Association, including appointing association authorities, i.e. electing Management Board and The Chairman.</p> <p>The tasks proposed in this working package were carried out in the previous reporting period and were described in the Interim Report. The tasks proposed in this working package were carried out in the previous reporting period and were described in the Interim Report.</p> <p><b>b) Tasks:</b></p> <p><b>1.0 Preparation of meetings with persons, local authorities, companies and other associations involved in establishment of the association that are to be the members and supporting members of the association.</b></p> <p>The group of potential foundation members of the Association was identified in September 2009. The potential members were representatives of the local government, as well as non-profit organizations and companies involved in RES. Invitations to join the Association and take part in the Foundation Meeting were sent to the potential members.</p> <p><b>2.0 Formal and legal activities for registration of the association.</b></p> <p>The Foundation Meeting took place on the 12th of October 2009. The statute of the Association was passed at the meeting. The registered office of the Regional Energy Management Agency in the Vistula River Valley, is located in Górkki 3, 82-500 Kwidzyn, Poland. The Agency was legally established on 17.12.2009, under the legal form of association, registration number 0000344125 in accordance with final and legally valid Registry Court decision No GD.VII NS-</p>	

REJ.KRS/015890/09/086 from 17.12.2009, and the commencement of activity under the terms of Article I.3 of the agreement took place on the 02.01.2010.

**3.0 Activities to appoint the association’s authorities.**

The Management Board and the Audit Committee of the Agency were elected at the general meeting on the 2<sup>nd</sup> of December 2009 .

**4.0 Election of the Chairman of the Association’s Management Board, who also took the responsibility as the Director of the Agency.**

The Chairman of the Management Board, Zdzisław Biesiekierski, was elected at the first meeting of the Management Board on the 2<sup>nd</sup> of December 2009.

Dr Marcin Duda was appointed as the Director of the Agency on the 2<sup>nd</sup> of January 2010. In June 2010 Mr Zdzisław Biesiekierski resigned from chairing the Management Board and Dr Marcin Duda was elected in his place. The functions of the Chair of Management Board and the Director of Agency were therefore combined, in accordance with the application form .

**5.0 Establishment of bank account**

The Agency has a bank account in Powiślański Bank Spółdzielczy in Kwidzynie, Kopernika 28, 82-500 Kwidzyn (IBAN account code PL86 8300 0009 0006 8016 2000 0020 (Euro) and IBAN account code PL65 8300 0009 0006 8016 2000 0010 (PLN) )

**6.0 Recruitment of employees of the Agency**

The Director of the Agency, with the aid of representatives from the authorities of the member Counties prepared the specification of skills and competencies of the employees and recruited employees according to the specification. Mr Wiesław Zienkiewicz, Mr Szymom Siedlanowski and Miss Aleksandra Tuptyńska were employed. Following the resignation Siedlanowski, Mr Kamil Łapiński was employed in his place as an Energy Specialist.

**7.0 Obtaining the premises for the Vistula River Valley Association.**

The lease of office premises for the Agency was signed with the Industrial and Technological Park of Kwidzyn on the 2nd of January 2010. The office of the Agency is located in Górki 3, 82-500 Kwidzyn, Poland. The office was supplied with necessary equipment.

Work Package 2: Management

<b>N° of work package:</b> 2	Management
<b>Duration in months:</b> 36	Vistula River Valley Agency
<p><b>I. Description of the work:</b></p> <p><b>a) Work package overview</b></p> <p>The Project Manager ( Vistula River Valley Agency Director) is responsible for the work of the agency and the implementation of the project. All the Vistula River Valley association members are performing the tasks within the Project. Annual work plans of the agency are presented by the manager and discussed during the general meeting of the members. If the plan is approved , the board and the manager are automatically responsible for its implementation . At present three plans are being implemented. The annual general meeting approves or rejects the report of the implementation of the work plan in the previous year.</p> <p><b>b) Tasks:</b></p> <p><b>1.0 Establishment of the organizational structure of the project management.</b></p> <p>The Kwidzyn County was responsible for all the activities resulting from the agreement (after the agreement was signed) until the agency was established on 17 December 2009. All the</p>	

legal requirements connected with the registration of the agency were met. The agency is and acts as an association. There are 34 members of the association and Kwidzyn, Sztum Malbork and Ława counties are supporting members. Since the agreement was signed the agency's board of management is responsible for the work of the agency. Marcin Duda, the director of the agency, is also the Project coordinator. In March 2010 the recruitment process of the staff members of the agency was ended. Mr Wiesław Zienkiewicz, Mr Szymon Siedlanowski and Miss Aleksandra Tuptyńska were employed. Following the resignation Siedlanowski, Mr Kamil Łapiński was employed in his place as an Energy Specialist. The director of the agency is responsible for the work of the agency and reports to the management board. The annual meeting of the members takes place in March 2012 and the management board presents a report of all the work of the agency in the previous year (2011) and the action plan for the next year. Financial reports must be approved by the audit committee.

## 2.0 Information sharing and decision making

The sharing of information within the Agency (project manager, project coordinator and the people responsible for the execution of tasks) takes place every day by working together in one place (the regular working meetings, emails, correspondence, telephone). To provide right and sure both-way information, the meetings of the Agency team are taking place once a week. They are summoned by the manager usually on Monday in order to discuss the tasks for the week.

The work of the agency is based on the annual work plan. The everyday decision making is vested in the hands of the manager Marcin Duda. The most important decisions are made by the Board of the Agency, board meetings are summoned by the manager. **Management**

### Board Meetings

The management board consists of 5 representatives of counties, one representative of Baltic Agency for Rational Use of Energy (mentor agency), one representative of The Association of the Kwidzyn County Development and one entrepreneur. In February 2012, Piotr Łączny resigned from the position of Director of the Industry and Technology Park in Kwidzyn. He also resigned from the Management Board of the Agency. In May 2012, Jarosław Rosiak was appointed Director of the Park, and subsequently he was appointed member of the Management Board of the Agency.

The management board decides on the current work, future plans of the agency and submit reports to the members.

The meetings of the Agency Management Board take place at least every 3rd month. On these meetings the progress of the project is discussed.

## 3.0 Reporting and communication with EC

The director of the agency corresponds with and reports to the European Commission on the project. Kwidzyn county is informed about this correspondence. In September 2011 the agency submitted Interim Report and Cost Statement to the European Commission and it was accepted. In May 2012 the Agency has reported to the European Commission (EC) on its current status. Kwidzyn County is informed on any communication between the Agency and the EC.

### Work Package 3: Energy planning

<b>N° of work package:</b> 3	Energy planning
<b>Duration in months:</b> 8	Vistula River Valley Agency
<b>I. Description of the work:</b>	

**a) Work package overview**

The action in this work package is focused on estimating of energy needs and potential energy sources, including renewable energy sources, in the counties and municipalities involved in the Project.

The tasks proposed in this working package were carried out in the previous reporting period and were described in the Interim Report. In Spring 2012, a new opportunity for funding from the WFOŚiGW in Olsztyn arised, offering subsidies for creation of energy supply plans for Communes from Warmińsko-Mazurskie District. The employees of the Agency held a series of meetings with local government representatives, where they informed the attendants about the funding possibilities and encouraged them to create the energy supply plans. Additionally, the Agency created 3 such plans for different Communes.

## Work Package 4: Sector activities

<b>N° of work package:</b> 4	Sector activities
<b>Duration in months:</b> 36	Vistula River Valley Agency
<b>I. Description of the work:</b> <b>a) Work package overview</b> <p>The activities described in this work package contribute to increase the skills and experiences of the Agency`s workers, and to increase the knowledge and skills of people from each target group and of key actors. The number of installations using renewable forms of energy is going up due to the increase of the knowledge of the agency`s staff and the society. In this way the energy use, especially in public buildings, offices and homes, is being reduced.</p> <p><b>b) Tasks:</b></p> <p><b>1.0 Energy efficient building construction – facilitation of 2002/91/EC Directive implementation concerned in buildings energy quality (EPBD) (recast directive 2010/31/EU)</b></p> <p>Three employees of the Agency gained authorization to conduct energy certification of buildings. One of the employees had already had the necessary qualifications.</p> <p>The Agency conducted 3 workshops on building diagnostics, where legal conditions, and the necessity to increase energy efficiency in building engineering, were discussed. During those workshops we held classes on the use of infrared mapping (thermo vision) in building engineering. The workshops were directed at local employees responsible for maintenance of public use buildings, employees of companies, which administer multi-family housing, architects and redecoration companies, operating in the area covered by the agency.</p> <p>We prepared information materials on good practice in building engineering, and took photographs of several public use buildings. The photographs were displayed for 2 months in a gallery available to the general public.</p> <p>Local press published an article on thermal modernisation of buildings and locally printed calendars included information on energy audit of buildings.</p> <p>The Agency conducted energy audits of a public office building and a complex of school</p>	

buildings. We made measurements of electrical energy sources for PRAZE and KPPT buildings to optimise the use of energy and collect data necessary to publish an information leaflet for the local citizens.

## **2.0 Activities for increasing in use of solar energy installations and heat pumps in filling regional energy needs and decreasing costs of energy using.**

The Agency continued the activities related to running a help point for those interested in funding and installation possibilities for solar panels. In cooperation with certified installation companies and banks we analysed the increase in interest in solar panel installation, and the number of new installations in the area covered by the agency. We prepared and distributed information on the ecological and economical effects of the use of solar energy in building engineering. Four presentations on energy efficiency for micro enterprises were prepared and conducted.

The Agency prepared the Model Energy House and opened it for public viewing for a period of 3 months. The Model Energy House contained 5 working RES installations. Prior to every visit, there was a 45-minute lecture on RES and the possibilities of reducing energy costs through RES use. Visitors were provided with necessary advice and information materials.

In collaboration with the local government of Zalewo Commune, the Agency began working on a project aiming to gain funding for installation of solar panels in the Commune.

In addition, the Agency was asked for consultation and opinion on 3 business projects of micro enterprises dealing with heat pump installation.

We conducted information meetings for citizens and installation companies (solar panels, heat pumps), in all 4 Counties covered by the Agency.

Local authorities in Kwidzyn Commune, for which the Agency had previously created an energy-sourcing plan, are planning construction of a wind power plant. The Agency has been asked to conduct public consultations and inform the local community about legal arrangements for this project.

## **3.0 Stimulating new investments with RES in heating and electricity production, including cogeneration, especially conducted by municipalities and small and medium enterprises.**

The Agency continues activities related to maintenance of demo energy crop plantations. We took part in consultations and preparations for the construction of biogas-works for the town of Kisielice. In cooperation with Ośrodek Doradztwa Rolniczego (Advice Centre for Agriculture), we created a database of biomass production for energy sourcing, and determined its potential use in the area covered by the Agency. Within the area covered by the Agency, International Paper (an international paper-producing company) supports foundation of plantations of fast growing crops (mainly poplar), for use in paper production and energy generation. 10 000 ha of plantations are planned and the Agency supplies information to those interested in starting a plantation.

### Work Package 5: Horizontal activities

<b>N° of work package:</b>	Horizontal activities
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5	
<b>Duration in months:</b> 36	Vistula River Valley Agency
<p><b>I. Description of the work:</b></p> <p><b>a) Work package overview</b></p> <p>The activities described in this work package bring improvement in skills and experiences of Vistula River Valley Agency employees as well as awareness of the Key Actors and people from Target Groups and the whole society. The knowledge and new skills will cause increase in number of installations using renewable energy sources and will also encourage the activities concerning energy and costs saving.</p> <p><b>b) Tasks:</b></p> <p><b>1.0 Activities within the promotion of energy efficient building engineering.</b></p> <p>In September 2011 we organised a seminar on thermal protection of buildings. New building materials and their potential uses in renovating old buildings and construction of new ones were discussed. The seminar was attended by ca. 60 participants. The speakers invited included representatives from leading companies producing building materials.</p> <p>In December 2011 and January 2012 we conducted workshops in the counties of Kwidzyn, Malbork and Iława, focusing on the use of infrared mapping (thermo vision) in building engineering. The workshop was directed at employees of companies, which administer multi-family housing, and employees responsible for maintenance of public use buildings. The workshop resulted in an exhibition of building photographs taken with an infrared camera. Due to a large popular interest in the topic, we are planning a set of meetings focusing on building diagnostics for November 2012 - February 2013.</p> <p>The Agency advises individuals on the choice of building materials and technologies, which reduce the use of energy in building engineering. On the grounds of the Industry and Technology Park in Kwidzyn, where the Agency office is located, construction of a new building complex has started. The building complex will include the model passive building. The employees of the Agency took part in preparation of the initial building plans for the passive building, and their subsequent refinement. A computer simulation was also prepared, allowing prediction of ecological and economical gains from selected RES installations used during construction. The Agency, in partnership with the Industry and Technology Park in Kwidzyn, presented a model of the Park building complex and the computer simulation of RES mentioned above. We regularly update the project webpage with new features on passive building construction and the use of RES in building engineering. Between February and April 2012 on the Agency office grounds, we presented a Model Energy House, equipped in installations using RES and low- energy solutions. The Model Energy House exhibition was created in partnership with the local government of Pomorskie District and the Energy Concern ENERGA. We organised an official opening of the exhibition, also featuring a conference. During the event, Polish Television created a film promoting the Model Energy House and other activities of the Agency. The Model Energy House was available to the local public for 3 months, and was visited by ca. 1000 people. Employees of the Agency advised the public on the RES solutions used in the Model Energy House, and each visit was supplemented by a short lecture about RES and energy efficiency in building engineering. During that period we also organised ca. 20 school lessons on RES, in partnership with the local schools.</p> <p>Employees of the Agency are authorized to conduct energy audits of buildings. Between December 2011 and March 2012 we conducted 6 building certifications, which included 2 public use buildings. Documents required by Polish law were issued. Between April and May</p>	



2012, additional two energy audits of public use buildings (school, public office building) were conducted. According to the project, we plan to conduct two further energy certifications for public use buildings.

The Agency held ca. 60 hours of lectures for representatives of micro enterprises on energy efficiency, as a part of the „Green Micro business” project. As a part of the same project, the employees of the Agency cooperated in creating a film on energy efficiency in building engineering and RES, which was broadcasted in the local television and is available online. Employees of the Agency had several articles on energy efficient building construction published in local newspapers.

## **2.0 Information activities to increase using of renewable energy sources to meet the regional energy needs and to decrease the costs concerning use of energy from fossil fuels.**

The Agency continues to provide advice individuals planning to install solar panels by organising a help point open to all individuals interested. The help point, organised by the Agency, is funded by Narodowy Fundusz Ochrony Środowiska i Gospodarki Wodnej. Since the foundation of the help point, the Agency took part in applications for ca. 3 150 000 PLN of funding, and assisted in installation of 900 m<sup>2</sup> of solar panels. Agency employees provide advice on the choice of solar panel type and inform about companies, which install solar panels. The help point will be maintained until the funding from Narodowy Fundusz Ochrony Środowiska i Gospodarki Wodnej terminates. In September 2011 we organised a conference for local citizens, focusing on the use solar energy in detached houses. Representatives of companies, which install solar panels, presented the possibilities and limitations of these types of installations. The conference was also attended by representatives of the bank, who spoke about loan possibilities for the installation of solar panels. Information about available funding was compiled into a leaflet by the Agency.

Information materials on the use of renewable energy in County Kwidzyn were prepared by the Agency. The materials were presented during a County Council meeting. The Agency also took part in a tour for local governors from Lubelskie District, presenting good practice of using RES in the area covered by the Agency. The tour comprised a meeting with local government representatives and a visit to the largest in Poland company producing PV cells. Agency employees represent County Kwidzyn in the national project for control of CO<sub>2</sub> emission. The Agency also maintains a demo plantation of energy crops.

In addition, 5 information boards on RES were made, and displayed in 12 local schools. 3000 information leaflets on energy saving were also provided. Additionally, information leaflets on environment-friendly use of cars were also prepared and distributed (1000 leaflets).

## **3.0 Energy education at schools.**

Classes on renewable energy and energy efficiency were continued to be held at local schools in Sztum, Malbork, Kwidzyn and Iława Counties. Over 700 school pupils took part in total. Several working model devices were presented during these classes: wind turbine, PV cell, solar panel and waterpower plant. The demonstrations were supplemented with slideshow presentations. Teachers also took part in these classes. During the classes we distributed leaflets on saving electrical and heat energy in the household and promotional materials on the Agency. We prepared teaching aids in the form of slideshow presentations for three different age groups of pupils, focusing on RES. The classes were additionally expanded to accommodate environmental protection topics, focusing on water saving and water quality protection. We organised trips for older school children, to a wind power plant, a wastewater treatment plant and a straw-fuelled boiler house. We also conducted practical classes on measuring water purity. The Agency prepared and organised a competition for school pupils,

as part of the International Earth Day and Kwidzyn Days (local celebration). We are currently working on a manual for teachers, allowing them to include information on RES in their classes.

The Agency co-organised a competition for talented school children (Akademia Młodych Noblistów) from three Districts: Pomorskie, Kujawsko-Pomorskie and Warmińsko-Mazurskie. In addition to organising the competition itself, employees of the Agency also gave a lecture on RES and energy efficiency, which was attended by ca. 300 pupils. We also conducted several additional competitions on RES for pupils. The Polish President was a guest of honour on the event.

In Kwidzyn County, a new education profile was created, which allows vocational school pupils to specialise in installation and operation of RES devices. The Agency prepared information leaflets on this project and held a series of meetings with interested pupils.

In May 2012 employees of the Agency took part in the Open Days in the Agricultural Technical School in Ostróda, where they promoted a new education profile (electrician technician) amongst the applicants. This resulted in an increase in applications to 25 from a minimum of 16 that was initially expected.

## Work Package 6: Capacity building through European co-operation

<b>N° of work package:</b> <b>6</b>	Capacity building through European co-operation
<b>Duration in months:</b> <b>36</b>	Vistula River Valley Agency
<p><b>I. Description of the work:</b></p> <p><b>a) Work package overview</b></p> <p>This is of great importance to start cooperation with other agencies, both on the domestic and international level. It will be a useful way of getting and exchanging knowledge both of the employees and the agency itself and excellent promotion of its actions. The aim of the described activities is to increase the knowledge and experience of agency`s employees by cooperation with similar agencies located in Poland, European Union and behind the borders of EU.</p> <p><b>b) Tasks:</b></p> <p><b>1.0 Determination of the Partners and range of cooperation on local, regional and national level.</b></p> <p>The strategic partner of the Agency on the local market is the Industry and Technology Park in Kwidzyn, and the Agency office is located within the Park. In November 2012 construction of the new headquarters of the Park begun. The Agency plans to move to an office at the new site in August 2013. According to the plans of the Kwidzyn County local government, the Agency will be responsible for maintenance of the passive building currently under construction within the new Park headquarters. The facilities in the passive building will include teaching laboratories and research equipment to be used by the local schools. Kwidzyn County considers this a great opportunity for the local population to benefit from the scientific potential of the Agency.</p> <p>In May 2012 there were personal changes in the management board, both of the Park and of the Agency, which resulted in a revival of cooperation between the two organisations. Several joint ventures were undertaken, including shared presentations at fairs and applications to professional development projects, which will allow the employees of the Agency an opportunity to gain experience as professional coaches.</p> <p>The Agency shall maintain constant cooperation with the National Energy Conservation Agency and the Baltic Energy Conservation Agency. Together with National Energy Conservation Agency we prepared a conference on energy efficiency in the local government</p>	

and industry. The Agency maintains close cooperation with the National Agency and the IEE Contact Point and the employees of the Agency regularly take part in the information days of the IEE Programme in Poland. We are a member of the Baltic Eco-Energy Cluster and Nadwiślański Cluster of Renewable Energy.

On the 19<sup>th</sup> of May 2010, participants of the Regional Forum of Energy Agencies in Poznań at a working meeting on the 8<sup>th</sup> of June 2010 in Warsaw decided to cooperate in the form of agreement signed under the name "Polish Group of Energy Agencies." In September 2011 the Agencies organised a joint meeting in Lidzbark Warmiński. During the meeting, further cooperation perspectives were discussed. The Agencies cooperated in doing shared presentation at the GreenPover fair in Poznań and in organising the Energy Agency Forum. The Agency also works with local Associations, such as Eco Initiative and Local Action Group in the Vistula River Valley. In its cooperation with partners, the Agency relies largely on the exchange of experience and knowledge of energy efficiency and renewable energy, as well as the conduct of joint ventures. In April 2012 together with Local Action Group in the Vistula River Valley, the Agency organised an outdoor meeting promoting traditional advantages of the region as well as ecology and renewable energy.

## **2.0 International cooperation and participation in networks.**

The Agency is a member of the Swedish-Polish Platform of Sustainable Energy, and a partner of the **European Centre of Renewable Energy in Guessing** (Austria) and **Osterholz County** (Germany). In September 2012 we are planning a joint conference of the Energy Agencies in Molme, Sweden, together with the Swedish-Polish Platform of Sustainable Energy and the Swedish Embassy in Poland.

Work Package 7: Communication and dissemination at local, regional, national levels

<b>N° of work package:</b> <b>7</b>	Communication and dissemination at local, regional, national levels
<b>Duration in months:</b> <b>36</b>	Vistula River Valley Agency
<p><b>I. Description of the work:</b></p> <p><b>a) Work package overview</b></p> <p>The objective of this work package is promotion and popularization of the project's objectives and tasks and its results. It shows the system of right methods for project and its objectives and tasks promotion and popularization in particular groups, as well as monitoring the results to be achieved by these activities.</p> <p><b>b) Tasks:</b></p> <p><b>1.0 Defining what will be the object of information and dissemination activities.</b></p> <p>Promotion of the activities and tasks undertaken by the Agency is achieved through cooperation with the local governments of Kwidzyn, Malbork, Iława and Sztum Counties. The Counties update their websites with information on the activities of the Agency, and advertise the seminars and conferences, which we organise. We hold numerous conferences on topics related to the aims of the Agency, directed at different groups within the area covered. During the conferences the Agency also advertises its planned activities. We cooperate closely with local media, including the press, television and local websites, where the goals of the Agency, the project aims and the activities planned are advertised. During all public events, to which the employees of the Agency are invited, the information about the project, the Agency logo and the IEE logo are displayed. The Agency Director has frequently been invited to Kwidzyn County Council</p>	

meetings, where he presented the proceedings of the Agency. The Agency also presents its aims and actions, usually in the form of a stall, at all mass outdoor events. We also have an exhibition tent, with PRAZE and IEE logos displayed.

At the opening of the Model Energy House (February 2012), Polish Television was present. In addition, the activities of the Agency were promoted during a series of meetings with the local governments, where we presented the possibilities of subsidies from the WFOŚiGW in Olsztyn for the creation of plans of energy supply for Communes. The Agency made 3 such plans for different Communes, and the local governments were interested in further cooperation.

From our experience, the best form of contact with the general public is the Agency website, which is regularly updated with our proceedings, the results of competitions for schools pupils and other information. The number of entries to the website is about 250 per day.

**2.0 Next step for the development of information and dissemination strategy will be the analysis of the target groups to which the information and dissemination activities about objectives and tasks will be addressed. Then the key actors to perform the planned activities will be determined.**

When selecting the topics for meetings, conferences, seminars and workshops, we try to take into account the local (regional) needs. As there is a system of subsidies for installation of solar panels in Poland, we try to promote this project, as well as inform the public about the creation of a new education profile (RES systems and installations technician). The Agency encouraged the local governments to create plans of energy supply, when WFOŚiGW in Olsztyn offered subsidies.

There is currently an ongoing discussion in Kwidzyn Commune about the creation of a wind-power plant, and there is a strong public resistance against the project. The Agency is trying to support the project by informing the local citizens about the processes involved in installation and use of a wind-power plant, and the environmental implications.

In partnership with local governments and non-governmental organisations, the Agency applied to ca. 6 different funding sources for subsidies to organise educational and professional development activities focusing on RES. Our partners differ between the applications.

**3.0 Means, place and time of transferring and disseminating information about the Project's specific and strategic objectives and tasks.**

One of the main sources of information on the proceedings of the Agency is our website: [www.praze.pl](http://www.praze.pl) (about 250 entries per day), and the website of the local governments (of Counties, Communes and Towns) from the area covered by the Agency. Local television and press also inform on the activities of the Agency. Promotional and information materials are prepared mainly for specific events, such as Pomorskie Energy Days, Kwidzyn Days, International Earth Day, etc., as well as for workshops and school classes. We have prepared the following materials for use at events and during workshops and classes: PRAZE informational leaflets (3000 leaflets), paper/environment-friendly pens (5000 pens), sets of crayons (1000 sets), environment-friendly linen bags (1500 bags), conference folders (500 folders), leaflets on energy saving (1500 leaflets), ECODRIVING leaflets, distributed amongst driving schools (1000 leaflets), RSE information boards (5 types, 12 sets of boards distributed amongst local schools), baseball caps with a small turbine powered by a PV cell (300 caps), polo shirts (160 shirts), information boards displayed in the Agency office, 2 exhibition tents, RES presentation case with models showing the uses of RES: water turbine, wind turbine, PV cell, PEM fuel cell, electrolysis, hydrogen production kit and models of hydrogen-powered vehicles. All materials have the PRAZE and IEE logos displayed.

Advertising campaigns also use TV broadcasts (in the case of schools classes organised by the Agency and during realisation of the „Green Micro Business” Project), websites of partners of the Agency, as well as websites of other local organisations.

Employees of the Agency took part in meetings held by other organisations, where the proceedings of the Agency were presented (Poleko Fair, Green Power, Polish Group of

Energy Agencies meetings, conferences organised by the Counties cooperating with the Agency).

#### **4.0 Evaluation of information and dissemination activities.**

We have created questionnaires investigating the citizens' awareness of RES issues. They are downloadable from the Agency website. The website has a built-in hit counter. During the Pomorskie Energy Days, Kwidzyn Days and seminars conducted by the Agency, we have investigated the level of knowledge of RES and energy saving issues in the society. About 200 people took part in the study.

### Work Package 8: IEE dissemination activities

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<b>N° of work package:</b> <b>8</b>	IEE dissemination activities
<b>Duration in months:</b> <b>42</b>	Vistula River Valley Agency

#### **I. Description of the work:**

##### **a) Work package overview**

The work package covers resources to contribute, upon request by the EACI, to common dissemination activities to increase synergies between, and the visibility of IEE-supported projects.

##### **b) Tasks:**

#### **1.0 Creation and regular update of Project information for IEE online information systems ( according to reporting schedule)**

We have created promotional and information materials on the project and we ensure these are up to date. The agency has a ManageEnergy account.

#### **2.0 Contribution, upon request by the EACI, to the development of additional information material (Intelligent Energy News Review, videos, images etc.) in the quality and form specified.**

Information on the actions of the Agency has been sent to ManageEnergy and published in the promotional materials on Energy Agencies in Europe (map and booklet). We published the information on Kwidzynskie Energy Days on the EC website. The agency has a subscription for 250 copies of MAG magazine (Intelligent Energy Europe). The magazine is distributed among the citizens and local authorities of the counties involved. The Industrial and Technological Park of Kwidzyn, which the Agency is part of, is an official partner of Sustainable Energy Europe, and initiative run by the EC. The agency cooperates in initiatives organised by the Industrial and Technological Park of Kwidzyn. These initiatives are subsequently evaluated by the EC.

#### **3.0 Participation and/or contribution, to information and dissemination events (contractors workshops, conferences, briefing days, exhibitions, etc.) related to the IEE or other relevant EU programmes.**

The Director of the Agency took part in information meeting of the IEE Programme the information meeting in Gdańsk in 2012. The Agency co-organized Kwidzynskie Energy Days in June 2012, a part of Sustainable Energy Week. The Agency also co-organized European Solar Days in May 2012, for which it provided educational seminars at schools. One of the employees of the Agency took part in the workshop series organized by the IEE-Contractors Meeting on Local Energy Planning (18-19/05/2011).

## Overview List of Deliverables

Table of Deliverables from each work package in overview (up to date)

Del. N <sup>o</sup> <sub>1</sub>	WP N <sup>o</sup> <sub>1</sub>	Deliverable name <sup>1</sup>	Month of completion	Submission with report <sup>1</sup>	Deliverable uploaded at website? <sup>2</sup>
D2.2	Work package N <sup>o</sup> : 2	The evaluation documents developed for reporting and controlling activities	19,25	X	X
D2.3	Work package N <sup>o</sup> : 2	3 approved annual action plans,	26	X	X
D3.1	Work package N <sup>o</sup> : 3	Database containing information with reference to energy, energy supply, possibility of rational and effective energy use, potency and possibility of using renewable energy sources on Vistula River Valley Agency area.	21	X	X
D4.1	Work package N <sup>o</sup> : 4	Database with information concerning energy efficiency in buildings and using renewable energy sources.	24	X	X
D4.3	Work package N <sup>o</sup> : 4	10 documents developed for information's and dissemination activities.	20, 24	X	X
D4.4	Work package N <sup>o</sup> : 4	The seminars` and trainings` materials (lectures or presentations) regarding energy efficiency and using renewable energy sources.	21, 25	X	X
D4.8	Work package N <sup>o</sup> : 4	10 planned press articles regarding energy efficiency and use of renewable energy sources, which will be shown in local press in each county. Not planned press articles about events like trainings, conferences or finished installations, recorded interviews, TV and radio broadcasts concerning with this work package.	22,27	X	X
D5.1	Work package N <sup>o</sup> : 5	Database with information about passive building questions and using the most available renewable energy sources in buildings.	24	X	X
D5.2	Work package N <sup>o</sup> : 5	Documents developed for information activities and awareness actions.	20,27	X	X
D5.3	Work package N <sup>o</sup> : 5	The organization of two seminars in scope of passive building and two seminars about renewable energy sources using.	20		X
D5.4	Work package N <sup>o</sup> : 5	The materials from conferences and instruction materials concerning passive building and using of renewable energy sources.	23	X	X
D5.5	Work package N <sup>o</sup> : 5	The didactic materials for teaching kids and youth.	22	X	X
D5.6	Work package N <sup>o</sup> : 5	Best practices for the car drivers	22	X	X
D5.7	Work package N <sup>o</sup> : 5	The reports from workshops, seminars and from distributed information and awareness actions.	19,24	X	X
D5.8	Work package N <sup>o</sup> : 5	The press articles describing energy efficiency, passive building questions and possibility of using renewable	20,24,26	X	X

		energy sources by citizens, recorded interviews and TV or radio broadcasts regarding actions from this work package.			
D6.1	Work package N°: 6	Materials and documents worked out during cooperation on regional, national and international level.	21,26	X	X
D6.3	Work package N°: 6	Reports on information and promotion activities	20,26	X	X
D7.2	Work package N°: 7	Information and promotion materials.	18,21,25,28	X	X
D7.3	Work package N°: 7	TV and radio recordings.	18,23,28	X	
D7.4	Work package N°: 7	Reports from information and promotion activities.	19,25	X	X
D7.5	Work package N°: 7	The questionnaires that examine citizens awareness.	25		X
D7.6	Work package N°: 7	Materials and documents prepared for awareness activities.	23,27	X	X
D8.1	Work package N°: 8	Creation and regular update of the project information.	18,28	X	X
D8.2	Work package N°: 8	Inputs to additional common information material related to IEE actions, such as articles for newsletters, posters, interviews, visuals.	19,22,27	X	X
D8.3	Work package N°: 8	Project presentations and background material presented at information and dissemination events including feedback analysis thereof.	23		X

This information must be identical with your List of Deliverables in Annex I of your grant agreement.

## Performance Indicators

Performance indicator	Quantification of success <sup>a</sup>	Related work package and/or deliverable N°
4 conferences in the counties	130 participants, were organized 4 conferences in counties	W.P.3
3 documents developed in connection with energy planning	5 plans have been approved by the communes councils and one document about “Estimation of Energy Needs and RES Potential at the County Area, years 2010 – 2020” has been accepted	W.P.3
ca. 20 buildings with energy certificates	10 buildings	W.P 4
30 buildings with energy audits and certificates	10 buildings	W.P 4

20000 pieces of records, documents, information joint to the databases	64000 visitors of web page	W.P.7
18 posters, brochures, leaflets.	8000 leaflets and 1000 brochures were distributed	W.P.7
23 articles in the press, 105 publications in 4 counties	34 articles were written for the press, and information on current actions of the Agency is available on the websites of the counties involved.	W.P.4
The number of training sessions, achieved certificates. 4 employees trained.	4 certified employees	W.P. 4
150 documents, press articles, presentations, information on the website.	The Webpage of the project was created. We conducted 50 presentations and released ca. ok.100 press articles.	W.P.7
8 purpose-built RES demonstration installations in public buildings.	5 public use buildings	W.P.4
The number of signed cooperation agreements, the number of common projects, the number of speeches and presentations during the meetings, seminars and workshops organized by the partners. The number of Vistula River Valley Agency staff trips abroad in connection with the projects.	11 partnership contracts were signed following, 8 presentations and speeches during meetings, 1 meeting abroad 1	W.P. 6
Implementing the energy education at schools.	2 workshops for teachers attended by 18 people in total, 1 new educational profile in a vocational school, educational classes on energy industry and energy efficiency in 18 schools, as part of the existing curriculum.	W.P 5

### Co-financing

Name of cofinancer	Public/private	Co-funding amount in Euros for three years
Kwidzyn County	Public	Up to the needed amount according to the Project budget 2010 with declaration to cover all the co-financing if needed ( 76 014 euro )
ława County	Public	According to Letter of Support the amount of 2440 euro has been declared
Malbork County	Public	According to Letter of Support the amount of 2440 euro has been declared
Sztum County	Public	According to Letter of Support the amount of 2440 euro has been declared
<b>TOTAL AMOUNT</b>		<b>83 333,0</b>



## Sustainability and future financing of the agency after three years of IEE Grant

Source of financing of the Agency		Income per year [€]
1	Advisory services: <ul style="list-style-type: none"> <li>• Energy audits: 8 audits X (blocks of flats) 1395 € each one,</li> <li>• Energy certificates: 20 certificates for the flats, 233 € each one 10 certificates for houses, 460 € each one</li> <li>• Other analyses, opinions, expert opinions,</li> <li>• Training sessions</li> </ul>	27 900
2	Implementation of projects concerning energy saving and use of renewable energy sources.	23 300
3	Dedicated subsidies provided by local authorities ( first of all the Counties)	18 600
<b>TOTAL</b>		<b>69 800</b>

### Lessons learned and future activities

1. The classes for school pupils, organised by the Agency, showed how important the attitude of the teacher towards the students is, and how crucial it is to select appropriate methods to evoke students' interest in the subject. Giving examples from environment familiar to students proved to be an efficient teaching method. Apart from theoretical elements, it was important for the students to familiarise themselves with working models of, for example, a wind-power plant, PV cell, water-power plant, or hydrogen-fuelled car. Theory-only based classes may discourage the students, while a more hands-on approach evokes interest and a desire to learn, despite the students not always fully grasping the problem at hand. Energy education of school children has an additional benefit, in that it is much easier to educate the young, who may then influence the behaviour of adults they interact with.
2. Common, often superstitious, opinions on the effects of RES installations (especially large ones) on the local environment are often the cause of public resistance against the localisation of such objects in the area. Poorly grounded concerns about the safety of local citizens, and the environmental effects of RES installations, are often raised as a counter-argument to the facts presented and the experiences of those living in areas where RES installations are located. Wind-power plants and biogas-works appear to be the most controversial, and lately there is a growing concern about shale gas extraction. Some groups of eco-activists also add to the concerns. Some groups, go as far as to suggest, that all activities promoting RES are funded by companies planning to invest in projects leading to damage of the local environment. This is often an issue with elderly citizens, who have experienced lack of respect for their rights in the past. A similar problem occurs when there are conflicting financial interests, for example during sale of land for investment. A very important role of the Agency is therefore to change the public perception of RES, clarify the myths and provide expert opinion for the public.

3. There is currently an ongoing discussion in Poland about a proposed bill on RES, which would allow Poland to meet the objectives of the EU directive detailing the 3x 20 package. At present there is no uniform legal support (especially for individual citizens) for the use of RES and increasing energy efficiency. The current model of subsidies supports large RES installations (wind-power plants and biomass co-incinerating installations in large power plants and heat-generating plants). The amount subsidized depends only on the power generated. The proposed bill supports small RES installations (small wind turbines, PV cells, small agricultural biogas-works), and the amount subsidized is proposed to be related to the type of RES used. The new system aims to enable power generation by micro-generators (prosumers). The Agency, together with other IEE Agencies, lobbies for the acceptance of the proposed bill in its current form. We think, that such a solution would allow the creation of a unified system of distributed power generation, development of the RES sector and expansion of businesses involved in production, sales and installation of RES systems.
4. Professionals involved in design, construction and renovation of buildings are always invited to meetings with experts and conferences on energy efficiency in building engineering organised by the Agency. Some of them decide to ignore the invitation, probably thinking that they would gain nothing from these meetings. Others, especially those with a lot of professional experience, see it as questioning of their professionalism. Sharing of our experiences with companies introducing new technologies to the building construction market indicated, that they experience a similar problem.