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Regional Networks for the development of a Sustainable Market for
Bioenergy in Europe



Minutes of the networking workshop in Zlin (the Czech Republic)

12-13 March 2013



Acknowledgements

This report has been produced as part of the project BioRegions. The logos of the partners cooperating in this project are shown below and more information about them and the project is available on www.bioregions.eu



The work for this report has been performed by the Energy agency of the Zlin region.

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Introduction

The networking workshop of BioRegions project combined with the final project meeting took place in Regional Office of the Zlin Region in Zlin, the Czech Republic, on the 12th and in Czech target region on the 13th of March 2013. There were representatives from all partners participating in the project including key stakeholders from target regions. The attendees are presented in Table 1.

Table 1: BioRegions meeting participant list

Country	Organisation	Participating Person
Belgium	ELARD	Stefanos Loukopoulos
Bulgaria	EAP	Liyana Adjarova
	Brezovo municipality	Ivan Baramski
		Ivan Muevski
Czech Republic	ENVIROS	Michael ten Donkelaar
		Julian Gonzales
	EAZK	Miroslava Knotková
		Tomáš Perutka
		Radek Sedlačík
		Jan Vidomus
	Brumov-Bylnice municipality	Zdeněk Blanař
		Václav Bližňák
	Brumov-Bylnice services	Jaroslav Šerý
	Slavičín municipality	Jaroslav Končický
	BTH Slavičín Ltd.	Oldřich Kozáček
	Hostětín municipality	Radim Machů
BIOPAL Technology Ltd.	Pavel Urban	
Finland	VTT	Eija Alakangas
		Jyrki Raitila

Country	Organisation	Participating Person
France	CDC Trièves	Bettina Maeck
	Mayor Cielles	Marie-Claire Brizion
	National Forest Office	Remy Lecomte
Germany	BAT	Bernhard Schauburger
	WIP	Michael Papapetrou
		Thomas Maidonis
Greece	AUA	Thanos Balafoutis
Ireland	West CD	Patrick Daly
		Vincent Nally
	Irish Farmers Journal	Bruce Lett
Latvia	Ekodoma	Ilze Dzene
	Limbazi municipality	Girts Ieleja
		Agris Blumers
	Vidzeme Planning Region	Gatis Teteris

First steps to implementation of biomass action plans in target regions were discussed. The agenda of the meeting, given in Annex 1, was split into project meeting for the partners and separate programme for stakeholders from target regions on Tuesday morning. However, project partners and stakeholders participated together on networking meeting on Tuesday afternoon. The networking workshop continued by a study visit to the Czech target region on the 13th of March 2013. A summary of the topics covered and the decisions taken is presented in the following pages.

Welcoming of the Consortium

Miroslava Knotková (EAZK) welcomed all the partners and stakeholders in Zlín, the Czech Republic, and wished a nice stay and successful experience exchange. Shortly after that, the stakeholders departed for a study visit to the Zlín town district heating system (DHS) operator partially utilizing biomass which took place in parallel to the project meeting.



Figure 1 Welcoming of the Consortium

A boiler house visited by the stakeholders supplies heat for district heating system in the Zlín centre (public and private buildings from all sectors) and electricity for surrounding industrial area. Two main CHP units (147 MW_H / 25 MW_E ; 109 MW_H / 33 MW_E) consist of modern fluidized-bed boilers for coal / biomass and turbo-generators for steam produced in boilers. Subsidiary smaller boilers and CHP units run on gas fuels. The biomass utilised in this plant comes from municipal waste dump where waste biomass from green area maintaining is processed in EWA fermenter units with container configuration. The EWA unit can produce standard compost for gardening and recultivation purposes or “energy compost” with fuel quality (lower moisture content) suitable for fluidized-bed technology boilers. Furthermore, landfill gas transported via pipeline connection from municipal waste dump is used as a supporting fuel in visited plant. The annual biomass share on electricity production is 4.4 % for solid biomass and 0.5 % for landfill gas in the Zlín CHP plant.



Figure 2 Study visit to the boiler house of DHS in Zlin

WP4 – Progress in each Target Region

The networking workshop took place in the Regional Office of Zlin on Tuesday afternoon. Representatives of all target region and Achenal best practise region presented their recent progress towards Bioregion creation.

Germany

Bernhard Schauburger (BAT) introduced participants of the meeting to the history, present situation and future plants of Ökomodell Achenal initiative in German best practice region. The Biomass Trading Centre Achenal founded in Public-Private-Partnership is a platform for bioenergy activities in the region from logging site and woodchips drying to selling biofuel for small customers and new technology implementation. Nowadays, Biomassehof Achenal is concerning with optimization of regional energy circuits and promotion of gained results. The target of the region is: **Energy independence until 2020!** This challenging vision, excluding transport sector, could be achieved by implementation of many new ideas like small underground hydropower, SRCs, utilisation of local waste biomass in biogas plants and support

small and decentralized power plants. A study visit to the best practice region Achantal was not only a positive experience for stakeholders of target region (see below) but also a challenge for Biomassehof Achantal to share their experiences and get contacts on international level.

The Czech Republic

Radek Sedlačík (EAZK) presented the Czech target region and results achieved during the BioRegions realisation. Municipalities collaborated with EAZK on preparation and implementation of nine projects focused on energy efficiency increasing and/or biomass boilers installation in public buildings. EAZK provided intensive energy consultancies for citizens in the target region which resulted in installation of 54 new biomass boilers with total output of 1 553 kW_H in local households. Establishment of Biomass trade centre (BTC) started by extending services of municipal company Brumov Bylnice services (BBS). EAZK is also looking for new biomass sources which could enlarge the offer of biofuels in the target region. Discussion following presentation was focused on the idea of compost plants as local biofuel sources. Regarding experiences of DHS operator in Zlin with “energy compost” utilisation, three compost plants recently started up in the target region were considered as new potential biofuel sources. Unfortunately, these compost plants were not designed for biofuel production and their product is not suitable for energy purposes.

Bulgaria

Liyana Adjarova (EAP) started her presentation with the BioRegions project and the Biomass Action Plan (BAP) promotion in the Bulgarian target region. Energy data collection was joined with dissemination activities in a designed Map of Bulgarian BioRegions projects available through Google Maps¹. Projects recorded in this map (energy efficiency increasing in public and private buildings, new renewable energy and biofuel sources installation) were described in the following parts of Liyana’s presentation. For instance, the establishment of Biofuels testing and certification Lab at the Energy Agency of Plovdiv is significant for setting rules and running of local bioenergy market. Although this laboratory is located out of the target region, it would provide its services for stakeholders from the target region and also for municipalities from Plovdiv’s vicinity. Financing of the laboratory for biofuel quality testing was one of issues discussed by stakeholders after presentation. Liyana also provided explanation and additional information for specific terms “modern/primitive biomass” and “logistic of modern biomass” occurring in her presentation. Primitive biomass (i.e. firewood in old stoves) contributes to local air pollution, on the other hand, electric boilers for space heating are responsible for dramatic energy poverty due to the rising electricity price. Transition from primitive biomass to modern one (pellets, new biomass boiler technology) would be successful only with new biomass infrastructure/market in the target region. It was also mentioned that two municipalities from the target region are going to implement the BAP as a part of their Sustainable Energy Action Plans (SEAP) within the Covenant of Mayors initiative.

1

<https://maps.google.com/maps/ms?msid=214755820553964705895.0004d2efb6e2e70e692c3&msa=0&ll=42.571287,24.274292&spn=0.94053,2.724609>

France

Bettina Maeck (CDC Trièves) highlighted in her presentation the importance of best practice visits to the German and Swedish more experienced regions, which inspired local stakeholder in several directions. The Trièves target region is active in Agenda 21 implementation (environment, biodiversity, green tourism) and its Forest Charta (2008-2011) supports development of local forestry. To fulfil requirements of adopted BAP, 20 000 m³ of wood has to be mobilized in the target region. A National Forest Office represented by Remy Lecomte has undertaken first steps towards cable crane logging implementation in Trièves region. Remy provided description of this logging technology and its applicability in local conditions. For instance, disengaged areas (small private forest parcels) often located on steep slopes are not interesting for harvesting by standard technology. Gatis Teteris (Vidzeme Planning Region) asked for the average size of private forest properties and Eija Alakangas (VTT) wondered if there is a “common forest” (collaboration between several small forest owners) in Trièves target region. Remy replied, that the average size of private forest is 4 ha (split in six separated parts) and “common forest” system is not used in France. Identification and engagement of small forest owners is an important activity connected to the BAP implementation. Bettina added information about other projects (i.e. organic waste digestion project at local dairy production). Finally, the future Forest Charta ensures the continuity of the BioRegions project in Trièves.



Figure 3 Patrick Daly presents Irish target region

Ireland

Patrick Daly (West CD) pointed out different situation in Irish target region from the other ones. Forests cover only 7.1 % of total region area and, consequently, wood is not considered as the main biofuel. However, the best practice visit to Sweden brought new ideas on running of small scale community heating systems. The best practice visit to Achenal has been inspiring in the field of multi stakeholder engagement (private/public sector), local energy inventory and application of small scale anaerobic digestion (AD) on farms. Small scale AD plants are suitable for farms in County Westmeath with approx. 70 cattle per farm. Bernhard Schauburger asked about the barriers for AD development and building's heat insulation in the target region. Micro and small scale AD are supported with a low feed-in-tariff in Ireland, thus their installation is not so attractive from an economic point of view. The refurbishment of buildings is voluntary, because municipalities have no leverage to push homeowners into higher energetic standards. Ilze Dzene (Ekodoma) questioned about the approach of municipalities considering sustainability. Patrick explained that the Irish municipalities have different legislative role and approach from municipalities in continental Europe and are more focused on ensuring only essential services. Thomas Maidonis (WIP) was concerned with financing options for bioenergy projects in Ireland. According to Patrick, financing of bio-energy projects is possible but complicated, because public bodies are affected by budget restrictions and banks are recently quite conservative in financing new projects.

Latvia

Ilze Dzene (Ekodoma) stressed the different conditions in each target region. For instance, Limbazi region has an existing biomass share in the heating sector of over 80% and thus its BAP is focused on increasing energy efficiency by at least 20% on production and by at least 30% on consumption. A significant example of supported projects is the Ozolaine village, where almost all buildings are thermally insulated. On the other hand, sustainability of the proposed project is very important as was shown on two AD plants in the region. The smaller farm AD plant is sustainable while the big one (2 MW_e) has been affected by legislative changes. Ilze described the challenges occurred during the BAP development: a new concept of energy planning, energy data availability and lack of capacity for municipalities (i.e. absence of local energy agency). Another challenge is the successful integration of BAP in SEAP within the Covenant of Mayors initiative. Remy was interested in the differences between towns and rural areas. The existence of DHS is one of the most important differences, but the way of life is characteristic for town/rural areas and influence approach to energy efficiency and economic situation. Bernhard Schauburger was wondering why the bigger AD plant is not considered as sustainable. The AD plant was originally designed to provide biogas which would be transported via a pipeline into the centre of the build up area to run a CHP unit. However, the approach of the government and the legislation in the field of renewable energy sources support changed detrimentally for this type of projects.

Common lessons learnt during the BioRegions project

Michael Papapetrou (WIP) together with the participants summarised the lessons learnt during the biomass action plans development and implementation. Firstly, the best practice visits to the Achenal and Jönköping more experienced regions were worthwhile for the next phases of the project. Both visits were inspiring for stakeholders from target regions and showed them possible forms of mutual collaboration between private and public sector in bio-energy projects on regional/local level. Therefore, best practise visits “opened the eyes” of local stakeholders and motivated them to search for ways how to convey/adapt best practices to the specific conditions of each target region.

Secondly, the own process of BAP’s development was beneficial for target regions because of local stakeholders mobilisation and learning how to do energy planning at local level. Although the designing of BAPs was unique for each target region (different natural sources, legislation and administrative structures), common findings occurred across the project consortium. Collection and evaluation of regional/local energy data, important for establishing base lines and future progress evaluation, is challenging but crucial. Gained energy data shows, that searching for new still not fully exploited biomass sources is usually successful but increasing of energy efficiency is even more beneficent. Furthermore, energy efficiency improving (on production and/or consumption side) has important synergy effects like decreasing of (bio)fuel consumption and needs for installed capacities (lower investment cost of new energy sources) and improvement of local air-quality and living standards.

Finally, the public sector is a significant player both during BAP’s creation and its implementation. General public involvement differs from country to country and an initial impulse is usually necessary for its active engagement. Consequently, municipalities should be active and give examples by implementing their own bio-energy projects (refurbishment of public buildings, biomass boilers installation, DHS reconstruction, etc.). Considering limited municipal budgets, public funds from EU, national or regional sources can be necessary for the realization of bio-energy projects.

The current status of each municipality defined by the national legal framework or the local traditions influences their capability for best practices implementation in the target regions. Another limiting factor is the lack of experiences on the local level, which can be bridged over by mutual motivation, inspiration and experience exchanging between municipalities on regional, national and EU level.

Study visit to the Czech target region

A full day study tour, a second part of the networking meeting in the Czech Republic, started early morning in the City of Zlin. Participants of the tour were afterwards transported to the Slavičín and Brumov-Bylnice target region. Communication between the participants and local stakeholders from the target region was simultaneously translated by Radek Sedlačík (EAZK) and Radim Machů (Hostětín municipality).

The first stop of the tour was at a boiler house in Malé Pole residential area in Slavičín. Jaroslav Končický, the mayor of the Slavičín municipality, welcomed the participants and shortly described the history of the town and recent activities within the BioRegions project. Afterwards, Oldřich Kozáček, director of the municipal utility company BTH Slavičín Ltd., provided data about the municipality owned company its services and annual fuel consumption and heat production. Pavel Urban, director of BIOPAL Technology Ltd. – supplier of installed biomass boiler technology, joined the study tour and was providing technical information about heat plants visited in Slavičín and Brumov-Bylnice. Reconstruction of district heating system in Slavičín, one of the Czech case studies, was based on the integration of three originally disconnected DHS into one system with one boiler house in Malé Pole, its reconstruction and the installation of a biomass boiler (1 MW_H) and a CHP unit for natural gas (226 kW_H; 175 kW_E). Nowadays, woodchips are the main fuel and natural gas is utilised in three CHP units and in four gas boilers (only to cover peaks of heat demand). The new CHP unit enables off-grid operation including running heat exchange stations in customers properties powered up by new wires installed within the DHS reconstruction. The fuel quality is not measured because of the absence of sheltered woodchips storage capacity and technical features of the installed biomass boilers.



Figure 4 Welcoming at Malé Pole boiler house in Slavičín



Figure 5 New biomass boiler (1MW_H) in Slavičín

The second stop of the tour was at the municipal utility company Brumov-Bylnice services (BBS), where representatives of the Brumov-Bylnice municipality Zdeněk Blanař and Václav Bližňák (mayor and vice-mayor) welcomed the participants of the tour and introduced them with municipal activities within and beyond the BioRegions project. The room, where the meeting

took place, is being renovated into a local information and dissemination centre as part of the Biomass Trading Centre. Jaroslav Šerý, director of the BBS, informed visitors about the first steps towards BTC establishment based on extending services of BBS and their promotion. Described activities include building up an information centre, a new system of waste biomass collection from citizens and a research of current numbers of biomass boilers in households, their annual fuel consumption and interest to joint in new build local biomass market. A site visit followed up the meeting. Jaroslav Šerý and Pavel Urban provided technical information about the installed technology, data about annual fuel consumption and its supply. Contrary to previously visited plant in Slavičín, most of the woodchips storage capacity is sheltered and enables mixing woodchips from different suppliers to obtain a more suitable moisture content. Coincidentally, a truck with woodchips from Kloboucká Lesní Ltd. delivered biofuel at the time of the site visit. The visit of BBS premises was finished at a civic amenity site.



Figure 6 Introduction to activities of Brumov-Bylnice municipality



Figure 7 Woodchips supply to the BBS

A lunch took place in the Kloboucká lesní Ltd. premises in Brumov-Bylnice. Petr Straňák, co-owner of the Kloboucká lesní Ltd., presented the history, current activities and future plans of the biggest forestry company in the Zlín region. The Kloboucká lesní Ltd. bought a sawmill in Bylnice and started its renovation in 2004. Another company's activities are logging in 12 forestry districts across the Czech Republic for the national state company Lesy ČR, transport of raw/processed wood and running forest nursery. Totally, Kloboucká lesní Ltd. is one of the five biggest forestry companies in the Czech Republic. Petr Straňák provided a commented excursion through the plant following a company presentation. The excursion started in a new hall for saw maintaining, workshop for hydraulic components and servicing hall for company's vehicles (27 trucks for timber transport, four camions with walking-floor for woodchips transport and other smaller vehicles). A log conversion depot (annual capacity of 50 000 m³) serves for receiving raw timber, barked log preparation and its selection (a part of barked logs is resold to the contractors). Woodchips produced on logging sites or in the log conversion depot are used as biofuel or sold for gardening purposes (mulch). A practical demonstration of a mobile chipper and a wood crusher (output of 750 horse power) was provided by the staff of Bandit Company. Heat for the whole plant (drying chambers, saw hall, company headquarter) is produced in own boiler (1.5 MW_H) with annual consumption of 1 250 tons of woodchips. After visiting the saw

Evaluation of the networking meeting in the Czech target region

After the networking workshop, EAZK sent a short questionnaire to all participants – project partners and stakeholders from target regions – and kindly ask them for their feedback to the workshop (Annex 3). Overall, 13 filled-in questionnaires have been received, which covered at least one response from each target region and 7 projects partners. The response to the first question focused on the general impression about the networking meeting was very positive, when all informants “Liked it very much” with one little note suggesting the replacement of one boiler plant visit with a visit in the forest.

Evaluation of the second question is showed in Figure 12. Results show that most expectations were fulfilled better than had informants expected. Only expectations regarding planning and realisation of the pilot projects have higher share of neutral responses.

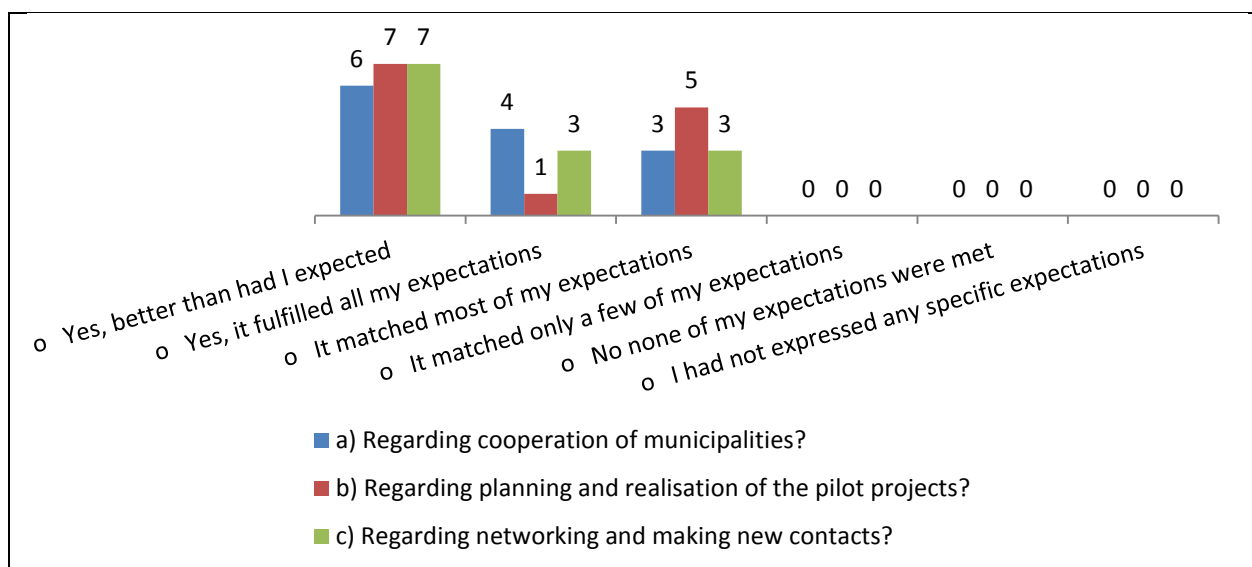


Figure 12 Responses to the 2nd question: Was the trip able to fulfil your expectations?

Replies to the last question “What are you **“taking home”** with you from the networking workshop and from the whole BioRegions project in the terms of experience exchange, learning from each other and establishing ties for the future collaboration?” are included below:

“Hostetin village experience (sewage treatment plant, municipal cooperation) - importance of ready-to-use biomass providers (e.g. a BTC) - interesting people (both local + international)”

“I, personally was very impressed about the very good exchange between stakeholders, about the open mind atmosphere in Czech Republic, about sharing knowledge and about your the very good organization of the whole workshop.....For us in Trièves, we had particularly appreciated the visit in Hostetin, because this village is very similar to our communes here. The idea of the whole village is very interesting for us. We even would like to ask, if Hostetin would

be interested in establishing a kind of “sustainable partnership” with a similar commune of Trièves.”

“The experience of Zlin region was very important in order to see that when public and private bodies work together, the final result is always positive. Another remark would be that local communities should take initiatives and solve their own problems without expecting everything from the main or local government. Another issue would be that people running the installation we have visited were well informed and specialized on the subject, giving the projects a more reliable operation and a prosperous future. I think other regions in Europe should consider these parameters too, to create a bioregion.”

“Networking workshop was very useful to demonstrate the added value of the cooperation and networking at the European level. Presentations from each target country allowed realizing how different the regions are and that only tailored, region specific activities will solve bioenergy issues in the region. Mostly it is not possible to replicate the solution directly from one to another region, however, this kind of networking serves as motivation and inspiration to take ideas from good practice regions, adapt them to the local situation and get to the successful implementation.”

“We enjoyed seeing how municipalities in Czech Republic are solving energy planning issues; we found very useful to have discussions with other project partners from various European countries about their ideas and solutions to energy problems in the regions and whether they have similar challenges to overcome. Since each partner has different social, economic and cultural background, some projects seen in the best practice visits unfortunately cannot be directly implemented in our region, however, we were inspired for setting up the energy consultation and education centre and we see that in one or another way energy issues can be solved.”

“The experience of other countries is invaluable, effectively adding to the learning curve in building or setting up projects shortcutting the time taken to develop such projects.”

“I have just participated in the final meeting of whole BioRegions project, but it has been a great experience in general. Not just the knowledge I have acquired from the stakeholders, staff from the different municipalities and companies and the rest of participants, but also the good atmosphere there has made me have a really good time. Thank you for the great job carried out and congratulations.”

“The Bioregions project has been a worthwhile experience manifesting in the transfer of ideas and opportunities in addition to supporting research and knowledge exchange. Back home here in Westmeath we have learned a lot from our European partners yet we must realise that some of the working models may sometimes not have direct application to our individual circumstances. The project reinforced the message that the bioenergy opportunity can

potentially be significant provider of renewable energy in the future providing a source of cleaner, more secure and sustainable energy for our area.“

“I took with me experience of planning processes and realization of the pilot projects from different countries. Good example of Hostetin village and centre Veronica. I hope that we will share more experience in the regional energy planning processes, monitoring and closer cooperation between our small municipalities.”

“I was particularly impressed Hostetin project.”

“I’m delighted by this meeting in Zlin; I’ve met many interesting people from the different regions members in the project. I’ve also learned a lot about the actions which are followed in the other regions.

During the stay I’ve seen many heating systems that could be models for Trièves. I was especially impressed by the heating grid that has been installed in Zlin region. That could be a good idea of improvement for us.

Thanks again for this meeting organisation; you’ve done a great job. The people we met were really eager to present us with enthusiasm all the achievements they’ve reached.

Back to France I’ve told to my entourage that if I could I would go back to Czech Republic next morning!!”

“Municipalities offering local products and active biomass position of municipalities.”

“Pro-active policies of visited municipalities toward biomass applications; their ambitions and hospitality.”

In conclusion, the networking meeting including workshop and study visit to the Czech target region was successful and the agenda matched well expectations of all participants.

ANNEX 1: Agenda of the Meeting

BioRegions Networking Workshop

12-13 March 2013 - Zlin, Czech Republic

Regional Networks for the development of a Sustainable Market for Bioenergy in Europe

When:

Tuesday 12th (09:00 to 18:00) and Wednesday 13th (09:00 to 21:00) of March 2013

Where:

Tuesday - Regional Office of the Zlin Region, Tř. T.Bati 21, 761 90 Zlin, Czech Republic
Wednesday - Slavičín and Brumov-Bylnice – visit to the Czech target region of the project

Contact persons:

Tomas Perutka, mobile +420 603 883 777, tomas.perutka@eazk.cz
Radek Sedlacik, mobile +420 603 883 776, radek.sedlacik@eazk.cz



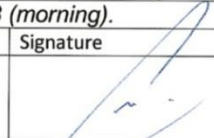

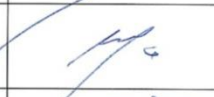




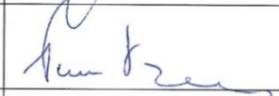
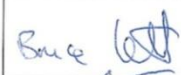

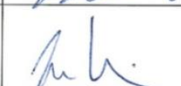



Tuesday 12 th of March 2013 – Morning (Separate program for Stakeholders)		
Time	Content	Responsible
09:00 – 09:15	Welcome – Introduction (together with the Project Partners)	EAZK / WIP
09:45 – 11:45	Study visit to the Zlin town district heating system (DHS) operator - large DHS partially utilizing biomass	EAZK + DHS operator
12:15 – 13:45	Lunch	

Tuesday 12 th of March 2013 – Networking Workshop (Project Partners + Stakeholders)		
Time	Content	Responsible
13:45 – 14:00	Project Overview	WIP
14:00 – 14:30	Germany – Best practices in the Achenal Bioregion	BAT
14:30 – 15:00	Czech Republic <ul style="list-style-type: none"> • Experiences from the Action Plan development and implementation (20 minutes) • Discussion (10 minutes) 	EAZK
15:00 – 15:30	Bulgaria – same outline as in the case of Czech Republic above	EAP
15:30 – 16:00	Coffee Break	
16:00 – 16:30	France – same outline as in the case of Czech Republic above	CDC Trièves
16:30 – 17:00	Ireland – same outline as in the case of Czech Republic above	WestCD
17:00 – 17:30	Latvia – same outline as in the case of Czech Republic above	Ekodoma
17:30 – 18:00	Conclusions and Discussion	ALL
20:00	Official dinner	

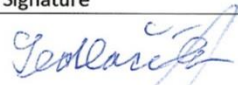




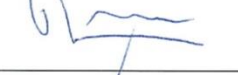








BioRegions Networking Workshop

Wednesday 13th of March 2013 – Study Visit with Networking to the Target Region	
Time	Content
07:45	Meeting at Hotel lobby
08:00 – 09:00	Transfer to the target region
09:00 – 10:00	<p>Slavicin</p> <ul style="list-style-type: none"> • Case study: Reconstruction of district heating system in Slavicin incl. site visit • Bioenergy and energy efficiency improvement activities of the municipality in the area • Discussion with representatives of the municipality and utility company (DHS operator)
10:20 – 12:00	<p>Brumov-Bylnice</p> <ul style="list-style-type: none"> • First steps towards Biomass Trading Centre (BTC) incl. study visit of the biomass boiler house • Bioenergy and energy efficiency improvement activities of the municipality in the area • Discussion with representatives of the municipality and utility company (BTC operator)
12:00 – 13:00	Lunch
13:00 – 16:00	<p>Kloboucka Lesni Ltd.</p> <ul style="list-style-type: none"> • The biggest forestry company in the Zlin region involved in the BioRegions project • Practical demonstration of woodchip production (on logging site) • Other company's activities (running biomass boiler, SRC plantation)
16:20 – 21:00	<p>Hostetin</p> <ul style="list-style-type: none"> • The best practice of local sustainable living (from root sewage works to municipal DHS based on local biomass) • This village has won several awards (e.g. Climate Star 2012) and was visited by Prince Charles on March 22nd 2010. • The first passive building in the Zlin region which serves as a community centre of the village and provides environmentally friendly accommodation • Discussion with representatives of the municipality and local NGO • Informal dinner
21:00 – 22:00	Return to Zlín

ANNEX 2: Lists of Participants

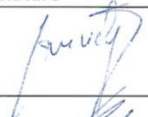




List of Participants of the BioRegions Networking Meeting in Zlin (Stakeholders Section)			
<i>Zlin, Czech Republic, 12 March 2013 (morning).</i>			
#	Name	Organization	Signature
1	Girts Ieleja	Limbazi municipality	
2	Agris Blumers	Limbazi municipality	
3	Gatis Teteris	Vidze Planning Region	
4	Marie-Claire Brizion	Mayor Clelles	
5	Remy Lecomte	National Forest Office	
6	Ivan Baramski	Brezovo Municipality	
7	Ivan Muevski	Brezovo Municipality	
8	Vincent Nally	Westmeath County Dev	
9	Bruce Lett	Beland	
10	Miroslava Knotková	EAZK	
11	Jan Vidomus	EAZK	
12	Radim Machů	Hostětín municipality	
13	Oldřich Kozáček	BTH Slavičín Ltd.	
14	Jaroslav Šerý	Brumov-Bylnice services	

List of Participants of the BioRegions Networking Meeting in Zlin (Networking Workshop) <i>Zlin, Czech Republic, 12 March 2013 (afternoon).</i>			
#	Name	Organization	Signature
1	Bernhard Schauburger	BAT	
2	Eija Alakangas	VTT	
3	Jyrki Raitila	VTT	
4	Thomas Maidonis	WIP	
5	Michael Papapetrou	WIP	
6	Michael ten Donkelaar	ENVIROS	
7	Julian Gonzales	ENVIROS	
8	Stefanos Loukopoulos	ELARD	
9	Ilze Dzene	EKODOMA	
10	Thanos Balafoutis	Research Fellow AUA	
11	Bettina Maeck	CDC Trièves	
12	Liyana Adjarova	EAP	
13	Patrick Daly	WCD Ireland	
14	Tomáš Perutka	EAZK	

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#	Name	Organization	Signature
15	Radek Sedlačík	EAZK	
16	Girts Ieleja	Limbazi municipality	
17	Agris Blumers	Limbazi municipality	
18	Gatis Teteris	Vidze Planning Region	
19	Marie-Claire Brizion	Mayor Clelles	
20	Remy Lecomte	National Forest Office	
21	Ivan Baramski	Brezovo Municipality	
22	Ivan Muevski	Brezovo Municipality	
23	Vincent Nally		
24	Bruce Lett		
25	Miroslava Knotková	EAZK	
26	Radim Machů	Hostětín municipality	
27	Oldřich Kozáček	BTH Slavičín Ltd.	
28	Jaroslav Šerý	Brumov-Bylnice services	

List of Participants of the BioRegions Networking Meeting in Zlin (Networking Workshop)

Zlin, Czech Republic, 12 March 2013 (afternoon).

#	Name	Organization	Signature
29	J. KOVÁČEK	Město ZLAVIČIL	
30	VD. BLANÁŘ	MĚSTO BRUMOV-BYLHICE	
31	KLIDNÝK V.		
32	URBAN Fand	BIOPAC Technologie sro	
33			
34			
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ANNEX 3: Evaluation questionnaire

Evaluation of the networking meeting in Zlin (Czech Republic)

12-13 March 2013

Dear project partners and stakeholders,

It was a great pleasure to meet you and learn about your regions, experiences and challenges. We would like to ask you a few questions about your experiences and impressions gained during your visit in our region.

1. What was your **general impression** about the networking workshop and study visit?

- I liked it very much.
- I liked it, but.....
- It was okay, but.....
- I was not okay because.....

2. Was the trip able to fulfil your **expectations**?

a) Regarding cooperation of municipalities?

- Yes, **better** than had I expected
- Yes, it fulfilled **all** my expectations
- It matched **most** of my expectations
- It matched only a **few** of my expectations
- No **none** of my expectations were met
- I had not expressed any specific expectations

b) Regarding planning and realisation of the pilot projects?

- Yes, **better** than had I expected
- Yes, it fulfilled **all** my expectations
- It matched **most** of my expectations
- It matched only a **few** of my expectations
- No **none** of my expectations were met
- I had not expressed any specific expectations

c) Regarding networking and making new contacts?

- Yes, **better** than had I expected
- Yes, it fulfilled **all** my expectations
- It matched **most** of my expectations
- It matched only a **few** of my expectations
- No **none** of my expectations were met
- I had not expressed any specific expectations

3. What are you **“taking home”** with you from the networking workshop and from the whole BioRegions project in the terms of experience exchange, learning from each other and establishing ties for the future collaboration?

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Your name :

Organisation :

Thank you for your feedback and wish you many accomplishments in implementation of your Biomass action plans.