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



## **Proceedings of the networking workshops in the target regions**

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VIT



LTC

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## Introduction

Within the BioRegions project five workshops have been organised and implemented, one workshop in each of the target regions during the 1<sup>st</sup> year of the project. All workshops have taken place between November 2010 and February 2011. This document presents the reports from these workshops, while an organisational overview is given in the table below:

**Table 1: Overview of workshops in the target regions**

<b>Country</b>	Bulgaria
<b>Target region</b>	Sredna Gora
<b>Location</b>	Plovdiv
<b>Time scheduling</b>	25/11/2010 (10:30 am - 1:30 pm)
<b>Target group</b>	Representatives from 6 municipalities - mayors and experts, representatives from forest directorates ( regional forest administrations) biomass related companies, hotel owners, journalists
<b>N° of participants</b>	121
<b>Country</b>	The Czech Republic
<b>Target region</b>	Slavicin and Brumov-Bylnice
<b>Location</b>	Brumov-Bylnice town-hall
<b>Time scheduling</b>	14/12/2010 (1:30 pm -3:30 pm)
<b>Target group</b>	Representatives of local authorities, companies, NGOs, decision-makers.
<b>N° of participants</b>	27
<b>Country</b>	France
<b>Target region</b>	Trièves
<b>Location</b>	Representatives of local authorities, companies, tourism, scientific organisations and decision-makers.
<b>Time scheduling</b>	09/02/2011 (9:00 am – 1:00 pm)

<b>Target group</b>	Representatives of municipalities, district authorities, bio-energy producers, forest associations, public and private farms, industries, tourism, craftsmen, media and nature protection associations.
<b>N° of participants</b>	25
<b>Country</b>	Ireland
<b>Target region</b>	County Westmeath
<b>Location</b>	Bloomfield House Hotel, Conference Room, Mullingar, Co Westmeath, Ireland
<b>Time scheduling</b>	03/02/2011 (9:00 am – 4:30 pm)
<b>Target group</b>	Representative of key local / national agencies, associations, media, commercial organisations, farmers, foresters, design professionals, biomass suppliers, technology providers, energy companies.
<b>N° of participants</b>	115
<b>Country</b>	Latvia
<b>Target region</b>	Limbaži
<b>Location</b>	Salacgriva, Ostas Str.3 and Limbazi, Rigas Str.16
<b>Time scheduling</b>	19/01/2011 (Salacgriva: 9-12 am and Limbazi: 2-6 pm)
<b>Target group</b>	Employers from region, representatives of public organizations and tourism industry, producers and users of biofuel etc.
<b>N° of participants</b>	31, Salacgriva – 15, Limbazi – 16

## 1 Workshop in Bulgaria

### 1.1 Introduction

#### ***Time and place of the workshop:***

The workshop was a part of the ABEA conference which took place in Novotel in Plovdiv at 25–26<sup>th</sup> November 2010.

#### ***Target Group:***

The target group of the workshop included representatives of municipalities participating in Sredna Gora BioRegion (mayors, deputy-mayors, municipal counsellors, and municipal experts), representatives of Regional forest administrations and energy entrepreneurs (companies in the field of EE & RES and biomass in particular). Also delegates of tourism industry and media participated on the workshop.

### 1.2 Implementation of the Workshop

The first panel session, “*EE & RES NEW LEGISLATIVE FRAMEWORK*,” was dedicated to the new legislative framework for energy efficiency (EE) and renewable energy resources (RES). Moderator of the session was Liyana Adjarova, Executive Director of the Energy Agency of Plovdiv (EAP). Participating in the panel were: Krasimir Naidenov, Executive Energy Efficiency Agency; Tzenko Tzenov, Executive Forest Agency, and Liylin Radulov, Executive Director, Black Sea Energy Center. The new forest management law was presented, as well as the biomass potential of Bulgaria and the ways to utilize it for heating in the frame of European target 20-20-20.

The second session, “*BIOMASS FOR HEATING – SENSIBLE, EFFECTIVE AND MODERN APPROACH FOR LOCAL DEVELOPMENT AND MANAGEMENT*,” discussed the use of biomass for heating, moderated by Michael Papapetrou, Coordinator of the BioRegions project, and Liyana Adjarova, the coordinator of Bulgarian Bioregion “Sredna Gora.” Panel members included: Christian Epp, Biomassehof Achental, Germany; Alan Sherrard, LTC, Sweden; Athanasios Balafoutis, Agricultural University of Athens; representatives of Energy Agency – Plovdiv Liyana Adjarova and Vladimir Valkov; and Dinko Penev, Ecology and Energy Alliance. The bioregion Sredna Gora will obtain one-third of its energy from fuels made from regional and sustainable bio-energy resources, mostly from wood biomass. The BioRegions project provides support for the development of efficient and reliable markets for wood biomass, and will stimulate investment in bioenergy projects and businesses of local stakeholders. The municipalities of Ihtiman, Panagyurishte, Strelcha, Karlovo, Hisar and Brezovo belong to the bioregion Sredna Gora in Bulgaria.

Within the panel session, “*BEST PRACTICES AND PROJECTS FOR MUNICIPALITIES, COMPANIES AND ENERGY AGENCIES*,” the mayor of Ihtiman, Margarita Petkova, and the deputy mayor of Karlovo, Georgi Karamchev, both from Sredna Gora BioRegion presented RES

heating concepts and some good practices in public buildings. In addition, the deputy mayor of Bansko, Lazar Zahov, presented his city's experience in "The City of Green Energy"; Georgi Popov, mayor of Chepelare, spoke on his city's experience in local heating with biomass; and Nikolai Vengelov, Erato Holding Ltd., made a presentation on how a hospital in Oriyahovo switched from petrol to biomass pellets for heating.

The next day (26.10.2010), participants in the BioRegion stakeholders meeting were invited to participate in a study tour to Chepelare. Participants had the opportunity to visit real biomass installations in several public buildings and private hotels. They received first hand information about biomass applications – based on chips and pellets.

Municipality of Chepelare starts to use biomass for heating when two buildings – a kindergarten and a vocational school – switched heating from oil to biomass in 2007. Five additional public buildings were switched from heating oil to biomass for heating in 2008. These buildings included two more kindergartens, the sports school, and a municipal structure.

As of December 2010, with these seven buildings now having converted to biomass, here's where the city stands:

- the share of total energy consumption represented by renewable energy sources has risen from zero in 2006 to 49 %;
- carbon dioxide emissions have been reduced by 48 %;
- total energy consumption has declined by 21 %.

In 2011, four more buildings – three schools and a municipal children's complex – will be converted to biomass. When those conversions have been completed, fully 69 % of the city's energy consumption – and 100 % of its heating budget – will be derived from renewable sources. Carbon dioxide emissions will have been reduced by 69 % from the 2006 baseline. And total energy consumption will have been reduced by 30 %.

Chepelare has already cut its municipal energy expenses by 44 % from the 2006 level. A year from now, expenses will be 57 % lower than the baseline. The visit to Chepelare was extremely inspiring for the participants.

### **1.3 Minutes of the workshop in Bulgaria**

#### ***Presentations – Discussions:***

The workshop (for participants and topics, see "second session," above) featured a spirited discussion emanating from questions and comments from the audience. Notable were the following:

Boyan Angelov, manager of Velboy OOD, asked Mr. Balafoutis whether he was familiar with the paulownia tree and whether it was being used in Greece as a source of biomass. Mr. Balafoutis said he was familiar with the tree, but that it was not being grown commercially in Greece. He said that it was necessary to take into account the alternative uses of the land on which biomass might be considered, and that often the best use of arable land is for growing food. He acknowledged that, in general, paulownia could be suitable for sustainable harvesting biomass.

Liyana Adjarova, EAP provided several examples of municipal energy consumption mentioning the need in switch from oil to biomass for heating of public buildings. More than 50 % of total energy consumption of Bulgarian municipalities used for heating can be replaced by RES-heating based on biomass. The modern technologies are available; these projects are cost effective and bring energy independent and competitive energy prices.

Vladimir Valkov, EAP discussed the national RES context that support RES (biomass) – electricity without any encouragement of RES (biomass) - for heating. Still Regional development operational program approves municipal renovation projects of public buildings that maintain oil as a fuel for heating.

Another attendee, Eija Alakangas, remarked that Finland was the first country to introduce carbon and energy taxes in 1990, and gave some details of the experience to date. A discussion of the topic followed.

### ***Outcomes:***

The primary outcome was the confirmation of commitments of the stakeholders of their cooperation in the continuation of the BioRegions project. It was especially important to have such a commitment from the Bulgarian Ministry of Agriculture and Food in the context of the new forest management law.

Municipality of Brezovo declared its interest in a feasibility study on establishment of public-private enterprise for chips production.

Municipality of Ihtiman declared their interest in implementation of information campaign “Efficient use of biomass by households” that will help citizens to replace the old stoves by modern biomass applications suitable for houses heating. The campaign will be part of its sustainable energy action plan within the Covenant of Mayors initiative.

Some hotel owners in municipality of Hisarya are starting actions in replacing of their coal installations by biomass applications.

Forest management administration of Panagurishte declared its interest to be a pilot organization in biomass action plans development within Sredna Gora BioRegion..

Several biomass boiler producers (Erato Holding) and traders (JTerm, EcoConcept) are interested in the bio-energy market development in Sredna Gora BioRegion and will provide strong feedback to biomass action plans and will participate in further project activities.

The three journalists from the local newspaper Maritca stated they are interested in covering the activities of BioRegions project. The Bulgarian National Television- regional TV centre Plovdiv will broadcast a special material, dedicated to biomass utilisation in Sredna gora BioRegion.

## 1.4 Agenda of the workshop in Bulgaria

### **When:**

Thursday 25<sup>th</sup> of November 2010 from 10:30 to 13:30

### **Where:**

Novotel Plovdiv,  
Plovdiv, Bulgaria

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**Table 2 : Agenda of the workshop in Bulgaria**

Date: Thursday, 25 <sup>th</sup> of November 2010		
Time	Content	Responsible
10:30 - 10:40	New EE&RES Policies and Requirements for Municipalities	Krasimir Naidenov (AEE)
10:40- 10:50	Opportunities for Using Waste Biomass for Energy Purposes According to the New Forests Act	Tzenko Tzenov (IAG)
10:50 - 11:00	New Legislation on RES and RES National Action Plan (2010 – 2020)	Liylin Radulov (BSREC)
11:00 - 11:10	Questions and discussion	ALL
11:10 - 11:30	Coffee break	
11:30 – 11:40	Creating the pilot BioRegion in Bulgaria	Liyana Adjarova (EAP)
11:40 – 12:00	Experiences from the BioRegion Achental in Bavaria, Germany	Christian Epp (BAT)

12:00 - 12:20	Best practice in BioRegions development – a survey in Europe	Alan Sherrard LTC)
12:20 - 12:30	Biomass use for heating purposes in the Regional Decentralised Heating Systems of Megalopolis in Peloponnese and Dadia in Evros	Athanasios Balafoutis (AUA)
12:30 - 12:40	Proposal for a National Programme for the Development of biomass as a renewable energy source	Dinko Penev (EEA)
12:50 - 13:30	Questions and discussion	ALL

## Annex 1.1: Participants – Speakers of the workshop in Bulgaria

**Table 3: List of Participants of the workshop in Bulgaria**

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87	Nikolay Ivanov	Municipality Krivodol	<a href="mailto:krivodol@dir.bg">krivodol@dir.bg</a>
88	Nikolay Semerdjiev	Velboy EOOD	<a href="mailto:office@paulownia.bg">office@paulownia.bg</a>
89	Nina Morunova	Kichukov i sinove EOOD	<a href="mailto:nina09@abv.bg">nina09@abv.bg</a>
90	Nina Raicheva	EAP	<a href="mailto:nina.raicheva@eap-save.dir.bg">nina.raicheva@eap - save.dir.bg</a>
91	Osman Chaush	Municipality Kubrat	<a href="mailto:osman8@abv.bg">osman8@abv.bg</a>
92	Pavel Vitleemov	RU Angel Kanchev	<a href="mailto:pvv@manuf.uni-ruse.bg">pvv@manuf.uni-ruse.bg</a>
93	Petar Kisiov	EAP	<a href="mailto:pesho@lportala.net">pesho@lportala.net</a>
94	Petar Konstantinov	BAN	<a href="mailto:p.konstantinov@meteo.bg">p.konstantinov@meteo.bg</a>
95	Petar Kostadinov	EVN Bulgaria	<a href="mailto:petar.kostadinov@evn.bg">petar.kostadinov@evn.bg</a>
96	Petar Papazov	AREI Bulgaria	<a href="mailto:p.papazov@arei.bg">p.papazov@arei.bg</a>
97	Petar Petrov	Municipality Byala slatina	<a href="mailto:petrov.asset@abv.bg">petrov.asset@abv.bg</a>
98	Petar Todorov	DGS Panagjuriще	<a href="mailto:dl_pan@abv.bg">dl_pan@abv.bg</a>
99	Plamen Tcvetanov	BAN	<a href="mailto:ptzvetanov@inrne.bas.bg">ptzvetanov@inrne.bas.bg</a>

100	Radoslav Tcvetkov	Municipality Byala slatina	
101	Radost Bochuleva	v-k Noviyat glas	<a href="mailto:radostbo@abv.bg">radostbo@abv.bg</a>
102	Ralitca Karova	EAP	<a href="mailto:rkarova@gmail.com">rkarova@gmail.com</a>
103	Remzi Iuseinov	Municipality Kubrat	<a href="mailto:halilov@kubrat.bg">halilov@kubrat.bg</a>
104	Rosen Savov	Municipality Sofia, distinct Izgrev	<a href="mailto:rossen@savov.net">rossen@savov.net</a>
105	Sashka Yakimova	SOFENA	<a href="mailto:siakimova@sofena.com">siakimova@sofena.com</a>
106	Sevdalin Palauzov	BNR- radioPlovdiv	<a href="mailto:krakera@abv.bg">krakera@abv.bg</a>
107	Svetla Bonova	IG Pasivni sgradi	<a href="mailto:s.bonova@passive.bg">s.bonova@passive.bg</a>
108	Svetla Dobрева	newspaper "Stroitelstvo gradat"	<a href="mailto:sdobрева@stroitelstvo.info">sdobрева@stroitelstvo.info</a>
109	Stanislav Yakimov	REHAU	<a href="mailto:stanislav.yakinov@rehau.com">stanislav.yakinov@rehau.com</a>
110	Stefan Ivanov	CHEZ Bulgaria	<a href="mailto:stefan.ivanov@cez.bg">stefan.ivanov@cez.bg</a>
111	Stefan Tanev	Municipality Ivaylovgrad	<a href="mailto:oba_ivailovgrad@abv.bg">oba_ivailovgrad@abv.bg</a>
112	Stoyan Chorbadjiiski	municipality Brezovo	<a href="mailto:Oba_brezovo@abv.bg">Oba_brezovo@abv.bg</a>
113	Todor Turlakov	EkoEI BG	<a href="mailto:ecoelbg.@abv.bg">ecoelbg.@abv.bg</a>
114	Todor Hristev	Municipal council Plovdiv	<a href="mailto:thristev@gmail.com">thristev@gmail.com</a>
115	Toni Myaneva	GD Nazad kam prirodata	<a href="mailto:backtonatire@abv.bg">backtonatire@abv.bg</a>
116	Tcacho Angelov	Ecoconcept	<a href="mailto:ecoconcept@dir.bg">ecoconcept@dir.bg</a>
117	Tcvetan Simeonov	otgovoren redaktor	<a href="mailto:tveco@yahoo.com">tveco@yahoo.com</a>
118	Tcenko Tcenov	IAG	<a href="mailto:cenov@iag.bg">cenov@iag.bg</a>
119	Chavdar Kostadinov	RU Angel Kanchev	<a href="mailto:chkostadinov@uni-ruse.bg">chkostadinov@uni-ruse.bg</a>
120	Yulii Slavov	Sdrufenie za Plovdiv	<a href="mailto:Yuslavov85@gmail.com">Yuslavov85@gmail.com</a>
121	Yuliya Mumdjieva	magasine Stroiteli (EIMedia)	<a href="mailto:stroiteli@elmedia.net">stroiteli@elmedia.net</a>

**Table 4: List of Speakers of the workshop in Bulgaria**

	<b>Name</b>	<b>Individual or representing a company</b>	<b>Subject of speech</b>	<b>E-mail address</b>
1	Krasimir Naidenov	Executive Energy Efficiency Agency, Ministry of Economy, Energy and Tourism	New EE&RES Policies and Requirements for Municipalities	<a href="mailto:knaydenov@seea.government.bg">knaydenov@seea.government.bg</a>
2	Tzenko Tzenov	Executive Forest Agency	Opportunities for Using Waste Biomass for Energy Purposes According to the New Forests Act	<a href="mailto:cenov@iag.bg">cenov@iag.bg</a>
3	Liylin Radulov	Executive Director, Black Sea Energy Center	New Legislation on RES and RES National Action Plan (2010 – 2020)	<a href="mailto:office@bsrec.bg">office@bsrec.bg</a>
4	Alan Sherrard	LTC	Best practice in BioRegions development – a survey in Europe	<a href="mailto:Alan@ltc.se">Alan@ltc.se</a>
5	Christian Epp	BAT	Experiences from the BioRegion Achenal in Bavaria, Germany	<a href="mailto:christian.epp@clenergy.de">christian.epp@clenergy.de</a>
6	Athanasios Balafoutis	AUA	Biomass use for heating purposes in the Regional Decentralised Heating Systems of Megalopolis in Peloponnese and Dadia in Evros	<a href="mailto:abalafoutis@aua.gr">abalafoutis@aua.gr</a>
7	Liyana Adjarova	EAP	Biomass for Heating – the Driving Force of the BioRegions in Bulgaria	<a href="mailto:liyana.adjarova@eap-save.dir.bg">liyana.adjarova@eap-save.dir.bg</a>

## Annex 1.2: Photos from the workshop in Bulgaria



**Figure 1.1 & 1.2** The audience



**Figure 1.3 & 1.4** The presenters

## **Annex 1.3: Workshop's press release**

### **Sixth National Conference of ABEA**

### **Common-Sense Strategies and Policies**

**25- 26 November 2010, Plovdiv, Novotel Plovdiv**

#### Press release

Plovdiv, Bulgaria, November 22, 2010... The Association of Bulgarian Energy Agencies (ABEA), stressing small projects involving renewable energy sources as the key to achieving energy independence and making progress to end the economic crisis, opens its Sixth National Conference -- Common-Sense Strategies and Policies – at the Novotel Plovdiv on Thursday.

The Conference begins Thursday morning with an address by Liyana Adjarova. Her speech will be followed by an awards ceremony honoring winning municipalities in the RES Champions League, a European Commission-funded project involving six EU member states. ABEA is the Bulgarian participant in this project. Winning municipalities will be announced during the ceremony.

The ceremony will be followed by a panel session on the new legislative framework for energy efficiency (EE) and renewable energy resources (RES). Moderator of the session will be Liyana Adjarova, ABEA's Chair and Executive Director of the Energy Agency of Plovdiv (EAP). Participating in the panel will be: Georgi Kosatof, Deputy Minister, Ministry of Agriculture and Food; Kolio Kolev, Executive Director of the Executive Energy Efficiency Agency; and Liylin Radulov, Executive Director, Black Sea Energy Center. There will be discussed biomass potential of Bulgaria, the ways how to utilized for heating in the frame of European target 20-20-20.

The day's second session will discuss the use of biomass for heating, moderated by Michael Papapetrou, Coordinator of the BioRegions Project of the European Commission. Panel members include: Christan App, Biomassehof Achenal, Germany; Alan Sherrard, LTC, Sweden; Athanasos Balafoutis, Agricultural University of Athens; representatives of Energy Agency - Plovdiv; and Dinko Penev, Ecology and Energy Alliance. This panel will be dedicated to BioRegion Sredna gora stakeholders

meeting. The bioregion will obtain at least one third of its energy (including energy for transport) by fuels made from regional and sustainable bio-energy resources, mostly from wood biomass. The BioRegions Project will provide support for the development of efficient and reliable markets for wood biomass and will stimulate investment in bioenergy projects and businesses of local stakeholders. In Bulgaria Ihtiman, Panagyurishte Strelcha, Karlovo, Hisar and Brezovo participate in the project. Will be developed action plans to promote biomass usage in these municipalities. For this purpose in the target region "Sredna gora" will be organized workshops for stakeholder consultation meetings, visits to places with good practices in Germany and Sweden, the feasibility study and attract funding for bioenergy projects in the area.

Following lunch, a panel session on innovative EE and RES solutions in buildings will be moderated by Dr. Rosen Savov, architect, Deputy Mayor of the Izgrev Region, Sofia. Participants will be announced.

The fourth panel session, From RES Projects to Successful Implementations, will be moderated by Zdravko Georgiev, Executive Director, SOFENA. Participants include: Xavier Noyon, European Solar-Thermal Industrial Federation; Vladimir Tabutov, Hydroenergy Company Ltd.; Ivan Dinev, Motto Engineering; and Georgi Dragnev, Dragnev Ltd.

Thursday's fifth panel session, covering exemplary RES projects in Bulgarian municipalities, will be moderated by Ms. Adjarova. Participants will include Lazar Zahov, Deputy Mayor, Bansko; Margarita Petkova, Mayor of Ihtiman; Georgi Popov, Mayor of Chepelare; Georgi Karumchev, Deputy Mayor of Karlovo; Petar Kostadinov, EVN Bulgaria and Nikolai Vengelov, Erato Holding Ltd.

And the day's final panel, moderated by Venelin Draganov, SOFENA, will present additional municipal projects from the standpoint of energy agencies. Panelists include Klimentina Hadzhieva and Bogdana Bogdanova of EAP; Zdravko Georgiev, SOFENA; Milena Agopyan, ABEA; and Ivanka Pandelieva, Energy Center-Sofia.

The Conference concluded on Friday (26.11.2010) with study tours to successful RES installations in Chepelare, Blatetz and Nova Zagora.



Home NEWS 6-th National Conference of ABEA

**MAIN MENU**

- HOME
- NEWS
- PROJECTS
- WEB LINKS
- EVENTS
- DOCUMENTS
- MORE ABOUT ABEA!

**BE ACTIVE**

- PARTICIPATE IN EVENTS
- BECOME A MEMBER OF ABEA

**CALENDAR**

- 7th South-East European

**6-th National Conference of ABEA**  
Written by Administrator  
Thursday, 12 August 2010 02:17

**ASSOCIATION OF BULGARIAN ENERGY AGENCIES**  
organise  
*NATIONAL CONFERENCE  
with international participation and exhibition*

**Common - sense strategies and policies -  
EE end RES solutions for energy independence, competitive prices and the end of the financial crisis**

**THEME OF THE CONFERENCE:**

- New strategies and legislation in the sphere of EE and RES
- Sustainable local and regional development and Covenant of mayors
- [BioRegions - successful European model of bioenergy projects](#)
- Integrated EE and RES projects in buildings

Energy Agency of Plovdiv

Energy efficiency in buildings and SME's Sustainable Energy Communities Sustainable transport Energy education

news  
about us  
activities and services  
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**be active**

**Forthcoming event**

**ASSOCIATION OF BULGARIAN ENERGY AGENCIES**  
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- Integrated EE and RES projects in buildings
- Innovative projects of energy agencies, universities and business organisations

## Annex 1.4: Media – articles on internet and in newspapers (mentions of the BioRegions project are stressed)

**BULGARIAN ENERGY NEWS**  
FOR TRANSPARENCY IN ENERGY

Български  
English

Supported by **B T D** The Balkan Trust for Democracy

**Bulgarian Energy Holding**

**SEARCH**

**EVENT CALENDAR**

November 2010

M	T	W	T	F	S	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21

**THE SIXTH ANNUAL CONFERENCE WITH INTERNATIONAL PARTICIPATION OF ASSOCIATION OF BULGARIAN ENERGY AGENCY**

25.11.2010 9:00 to 26.11.2010 17:00

The sixth annual conference with international participation of Association of Bulgarian Energy Agency "Strategies and policies of common sense – EE and RES solutions for energy independence, competitive prices and exit from the crisis" will be held in Plovdiv on 25th- 26th November 2010.

Themes of the conference:

- New strategy and legislation in the sphere of EE and RES
- **Bio-regions- successful European model of municipal projects for bio-energy**
- Integrated EE and RES projects in buildings
- Innovative projects of the municipalities, energy agencies and companies.

**ENERGY PRICES**

Electricity BGN/MWh

Month	CEZ	EVN	EDN
Jul 07	0.08	0.08	0.08
Jul 08	0.11	0.11	0.11
Jul 09	0.115	0.11	0.11

**Sofia Energy Agency - SOFENA**

save a agency

**Новини/News**

НАЦИОНАЛНА КОНФЕРЕНЦИЯ с международно участие и ВЕП изложба

Стратегии и политики на здравия разум – ЕЕ и ВЕП решения за енергийна независимост, конкурентни цени и изпълнение от кризата

25-26 ноември 2010, Новотел Пловдив

За 6-ти пореден път Асоциацията на българските енергийни агенции АБЕА организира годишна конференция. Събитието тази година е посветено на възможностите за излизане от кризата чрез местно и регионално енергийно развитие.

**ОСНОВНИ ТЕМИ:**

- Нови стратегии и законодателство в областта на ЕЕ и ВЕП;
- Устойчиво местно и регионално енергийно развитие и Конвент на кметовете;
- **Биорегиони – успешен Европейски модел на проекти за биоенергия**;
- Интегрирани проекти за ЕЕ и ВЕП в сгради;
- Иновативни проекти на общини, енергийни агенции и бизнес организации.





Сряда, 1 декември 2010 г.

НЕДВИЖИМИ ИМОТИ

**ЕЛВЕКО** - кабелни мрежи 20kv  
- електропостове и В.С.  
- аварийно възстановителни работи 20kv и 0,4kv

- вътрешни и външни  
- пожарогасителни и

**НОВОИ СОБСТВЕН ЖП КЛОН + ТРАНСПОРТ**

# Старт за малките ВЕИ

Мариана ПАВЛОВА

Асоциацията на Българските енергийни агенции организира Шеста национална конференция с международно участие миналата седмица в Новотел Пловдив. Присъстваха представители на общините в България, бизнеса, енергийни експерти, енергийни агенции и много заинтересовани лица. Участниците се запознаха с планове, проекти, резултати и практики на български и европейски общини, работещи активно в рамките на Конвента на кметовете (Bio-regions) и други европейски инициативи.

Акцентите на конференцията бяха малките ВЕИ (Възобновяеми енергийни източници) проекти - ключ към постигане на енергийна независимост и шанс за излизане от икономическата криза. Пет панела обобщиха основните теми: нова законодателна рамка в областта на енергийната ефективност (ЕЕ) и ВЕИ, използване на биомасата за отопление - разумен, ефективен и модерен път за местно управление, иновационни ЕЕ и ВЕИ решения в сгради, от ВЕИ проекти към успешни реализации и добри практики и проекти на общини, фирми и енергийни агенции. Според специалистите, България ще разполага

**Възобновяемите енергийни източници - ключ към енергийната независимост**

с огромен излишък от електропроизводствени мощности при реализация на всички започнати и предвидени проекти. Страната ни, която внася над 70% от енергийните ресурси е рисково и нерентабилно да строи нови мощности за износ на електроенергия. Още повече, че след 2006 г. той не се извършва от НЕК, а от други външни търговци в ущърб на националния потребител, бе изнесена констатация на експертите. На база извършени анализи специалистите демонстрираха и един успешен процес на заместване на конвенционалните електроцентрали в България с водни, вятърни, биомасни и слънчеви. В препоръчителния си сценарий от тази връзка те отчетат спестени инвестиции от 14.4 млрд. евро до 2020 г. и 16.6 млрд. евро до 2030 год. С тях е възможно да се решат значителни икономически и социални проблеми като енергийна ефективност, инфраструктура, здравоспазване и образование, е тяхното мнение.

За участниците в конференцията освен изложба на ВЕИ, бяха организирани и работни посещения до изградени инсталации за биомаса в Чепеларе и фотоволтажни паркове в Нова Загора и Сливен.

# Общество Марица набира скорост

От страница 1

Според инж. Димитър Язов, собственик на строителна фирма „Язов“ през последните години занаятът на строителя се negliжира заради случайни фирми. Причината за тяхното създаване беше, че всеки тръгна да прави нещо, което не разбира, с единствената прелумия да забогатява. Но професия за печелене на пари няма, категоричен бе маститият строител. Становището, че на пазара на жилища все още има нерегламентирани фирми, които строят, потвърди и инж. Валентин Кънчев, собственик на „Синелит“. „1100-1200 фирми годишно отпадат от регистъра на Строителната камара. Те периодично могат да се публикуват в медиите“, предложи Пламен Иванов. Според него това ще предпази

ествни жилища. Какво се прави в тази насока“, попита арх. Тодор Абаджиев. Той се възмути и от колорната гама, в който са боядисани стълбовете в Пловдив. В дискусиата се включи и арх. Румен Григоров, председател на Камарата на архитектите, клон Пловдив. Той със съжаление констатира, че преди 30 години Пловдив е бил най-хубавото място за живеене. В тази връзка той прие идеята за в „Марица“, в която наистина видя шанс за

нашия град.

„Кризата е ясна, фирмите загъсват, в общината трудно се плащат заплати“, констатира Александър Долев, зам.-кмет по „Общинска собственост, устройство на територията, строителство и инвестиции“. Изходът според него е да се привлечат средства по еврофондовете. Той уточни, че в общината на дневен ред са проектите около река Марица и Проектът за интегрираните планове за градско възстановяване

и развитие (ИПГВР), на стойност около 9 млн. лв. Коментира и факта, защо някои пловдивски фирми губят на търговете. „Отстраняваме ги заради пропуски в офертите. За това големи обекти в града се поемат от софийски и дори козлодуйски фирми, а пловдивските се ангажират като подизпълнители“, поясни Долев. Друг голям проект според зам.-кметът, който ще задвижи имотния пазар е инициативата „Дом за всеки“. „Една груба сметка показва, че ако продадем наличните общински жилища, които са близо 3 000, примерно по 30 000 лв. това прави 90 млн. лв. С тях можем да купим повече от 1000 апартамента на свободния пазар, с което ще задвижим бизнеса“.

Ако объркате нещо с кандидатстването за интегрираните планове за

# В Герман регистри за два д

за два м

От страница 1

Работата се акти януари, а междувре квартири, които за 1 нат празни.

- Има ли няка вия, на които работниците?

- Няма такива. Ин основно. Те бяха зап тата ми до момента така и в България, т Надявам се да изп Германия отвори па работници и да изке преки това предлоч години изкарах в И: начин, отново ще б: ни създават услови

- Какви усло работа и жи

- В Гота и в Ла частни квартири. В във фургони, с цял - санитарни помем им създам услови се налага допълн да им спестя това вечер, и мисля, че работа са много д а не България.

- Какви са п щането?

- Надявам се, да печелят среди месец, чисто. Н щипът е каквот: някой от строи 1 800 евро.

- Как ще ги

**Консултантски съвет към инициативата за строителство и архитектура „Недвижими имоти“**

1. Александър Долев - зам. кмет по общинска собственост, устройство на територията, строителство и инвестиции
2. Арх. Румен Ручев - главен архитект на община Пловдив
3. Пламен Иванов - председател на Камарата на строителите в България - ОП Пловдив

Article in Maritsa newspaper

## Annex 1.5: Other - scan of the List of Participants

+ *Асен Мичев*

ИМЕ	ОРГАНИЗАЦИЯ	АДРЕС	ТЕЛЕФОН	e-mail
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2 Асен Карабов	РДГ Смолян	ул. "Първи май" 2, Смолян	0301/67520	rugsmolian@nug.bg; rugsmolian@iag.bg
3 Атанас Пешаков	Мотива Консулт	ул. "Цар Асен" 20, Пловдив 4000	032/625754	
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Regional Networks for the development of a Sustainable Market for Bioenergy in Europe

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иначе по банка закъсе



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45					
46					
47					
48					
49					
50					

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

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48	Владимир Ангелков				
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## 2 Workshop in the Czech Republic

### 2.1 Introduction

#### ***Time and place of the workshop:***

The workshop took place in the boardroom of the Brumov-Bylnice municipality on Tuesday 14<sup>th</sup> of December 2010 from 12:30 to 15:30.

#### ***Target Group:***

Participants of the workshop represent broad-spectrum of the stakeholders from the target region of the BioRegions project. There were representatives of Public local organisations (The Zlin region), municipalities (mayors of three towns and four villages), utilities (Brumov-Bylnice services and BTH Slavičín Ltd.) and tourism. An eco-farmer and delegate of JAVORNÍK-CZ Ltd. stood for biomass farmers and forest associations and Vagner saw-mill stood for bio-energy traders and producers. A JAVORNÍK-CZ-PLUS Ltd. company presented local small industry and JT POTOS Ltd. and BIOPAL Technology Ltd. stood for bio-energy technology providers. Centre Veronica Hostětín is a regional NGO and Mr. Ladislav Rožnovják is a chairman of a Brumov-Bylnice gardener association which runs local distillery (biomass residues usable as a biofuel). The publicity of the workshop was assured by a reporter from the Czech Radio (national broadcast) authority.

### 2.2 Implementation of the Workshop

The workshop was implemented in accordance with the project intent and was organized by the Energy agency of the Zlin region (EAZK) with the assistance of its mentor partner ENVIROS. All companies, entities and institutions from the stakeholder's database of the target region were invited to the workshop. Participants of the workshop fall within 11 stakeholders categories of total 14, (78 %) and represent the key entities from the target region important for the next implementation of the project. The objectives of the project were presented on the workshop including the role of EAZK, ENVIROS and stakeholders. The stakeholders exchanged their views and expectations on the Bioregions project in the final discussion.

### 2.3 Minutes of the workshop in the Czech Republic

#### ***Presentations – Discussions:***

At the beginning, Miroslava Knotková introduced activities of the Energy agency of the Zlin region and basically described the BioRegions project (objectives, stakeholders). Afterwards, Tomas Perutka presented the best practice region Achental in Germany and outlined organisation and agenda of the best practice visit to Achental in March 2011. Miroslava Knotková added information about possible EU and national financial sources suitable for this

project. Michael ten Donkelaar continued with more detailed description of other target regions and presented the process of the Target region Action Plan creation and adoption of this plan. Finally, Miroslava Knotková moderated discussion (brainstorming) between stakeholders about their expectations and how could they be concretely involved into the project.

**Outcomes:**

The representatives of the municipalities from the target region pointed out, that most of their inhabitants have old boilers and as a fuel are used coal, waste or fuel wood. Lot of the inhabitants hesitate to replace their old boilers, because the prices of new boilers are high and, moreover, the supply and prices of wood pellets are uncertain. The mayor of Navojná village, František Machara, suggested building up a regional wood pellets source (storage) to achieve secure pellets supply and stable prices.

The village of Rokytnice owns over 106 ha of municipal forests and only salvage felling timber is distributed to citizens as firewood for fair prices.

The councilman of the neighbouring town Valašské Klobouky, Martin Janík, declared interest of its town to be an observer partner of the BioRegions project as the town Valašské Klobouky is not included within the area of the target region.

The Vagner saw-mill offered municipalities processing of their waste biomass from municipal properties and this offer was accepted by Návojná and Rokytnice villages.

The representatives of the utilities companies (Brumov-Bylnice services and BTH Slavičín Ltd.) presented their experience in running municipal heating plants. Technology suppliers introduced their products (technologies and services) suitable for family houses and public buildings in the target region.

An eco-farmer manifested strong interest to produce pellets from his surplus hay.

The reportage from this workshop will be given forth by regional broadcast of the Czech Radio. Furthermore, an article will be published in Moderní obec (Modern commune), a magazine focused on Czech municipalities.

## 2.4 Agenda of the workshop in the Czech Republic

### **When:**

Tuesday 14<sup>th</sup> of December 2010 from 12:30 to 15:30

### **Where:**

Brumov-Bylnice townhall  
Hildy Synkove 942  
763 31 Brumov-Bylnice  
Czech Republic

### **Contact persons:**

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Energy agency of the Zlin region  
Třída Tomáše Bati 21  
761 90 Zlín  
Czech Republic

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**Table 5 : Agenda of the workshop in the Czech Republic**

Date: Tuesday, 14 <sup>th</sup> of December 2010		
<b>Time</b>	<b>Content</b>	<b>Responsible</b>
12:30 – 13:00	Presentation of the EAZK and BioRegion project, best practice and target regions of the project	Miroslava Knotková (EAZK)
13:00 – 13:15	Advantages of the project for stakeholders and whole Slavacin and Brumov-Bylnice region; information about the “best practice visit” to the region of Achantal	Tomáš Perutka (EAZK)
13:15 – 13:30	Description of the Target region Action Plan	Michael ten Donkelaar (ENVIROS)
13:30 – 15:30	Discussion (brainstorming) with stakeholders about their participation on the project; formation of work team of the project; conclusion	Miroslava Knotková (EAZK)

## Annex 2.1: Participants – Speakers of the workshop in the Czech Republic

**Table 6: List of Participants of the workshop in the Czech Republic**

	Name	Individual or representing a company	E-mail address
1	Milena Kovaříková	The Zlín Region	<a href="mailto:milena.kovarikova@kr-zlinsky.cz">milena.kovarikova@kr-zlinsky.cz</a>
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6	Pavel Pindák	Slavičín town administration	<a href="mailto:pindak@mesto-slavicin.cz">pindak@mesto-slavicin.cz</a>
7	Oldřich Kozáček	BTH Slavičín Ltd.	<a href="mailto:kozacek@bth-slavicin.cz">kozacek@bth-slavicin.cz</a>
8	Zdeněk Urbanovský	East-Moravian Tourist Authority	<a href="mailto:zdenek.urbanovsky@vychodni-morava.cz">zdenek.urbanovsky@vychodni-morava.cz</a>
9	Martin Janík	Valašské Klobouky town administration	<a href="mailto:janik@mu-vk.cz">janik@mu-vk.cz</a>
10	Božena Sukaná	Šanov village	<a href="mailto:ousanov@volny.cz">ousanov@volny.cz</a>
11	Jiří Trčka	JT POTOS, Ltd.	<a href="mailto:info@potos.cz">info@potos.cz</a>
12	Pavel Urban	BIOPAL Technologie Ltd.	<a href="mailto:biopal@biopal.cz">biopal@biopal.cz</a>
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19	Michael ten	ENVIROS	<a href="mailto:michael.tendonkelaar@enviros.cz">michael.tendonkelaar@enviros.cz</a>

	Donkelaar		
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23	Antonín Goňa	Rokytnice village	<a href="mailto:starosta@rokytnice.org">starosta@rokytnice.org</a>
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25	Jarmila Janíčková	Nedašova Lhota village	<a href="mailto:nedasovalhota@volny.cz">nedasovalhota@volny.cz</a>
26	Jiří Gottfried	Ecofarm Petrůvka	<a href="mailto:jk.ovce@volny.cz">jk.ovce@volny.cz</a>
27	Ladislav Rožnovják	Gardner assoc. + local distillery	737 408 033

**Table 7: List of Speakers of the workshop in the Czech Republic**

	Name	Individual or representing a company	Subject of speech	E-mail address
1	Miroslava Knotková	EAZK	Introduction of EAZK and the Bioregions project	<a href="mailto:miroslava.knotkova@eazk.cz">miroslava.knotkova@eazk.cz</a>
2	Tomáš Perutka	EAZK	Advantages of the project for stakeholders and whole target region; information about the “best practice visit” to the region of Achantal	<a href="mailto:tomas.perutka@eazk.cz">tomas.perutka@eazk.cz</a>
3	Michael ten Donkelaar	ENVIROS	Description of the Target region Action Plan	<a href="mailto:michael.tendonkelaar@enviros.cz">michael.tendonkelaar@enviros.cz</a>
4	Miroslava Knotková	EAZK	Discussion with stakeholders	<a href="mailto:miroslava.knotkova@eazk.cz">miroslava.knotkova@eazk.cz</a>



## Annex 2.2: Photos from the workshop in the Czech Republic



**Figure 2.1** Welcome and introduction speech



**Figure 2.2** Discussion with stakeholders



**Figure 2.3 & 2,4** Presentation of the target and best practice regions



## Annex 2.3: Workshop Invitation and Press release



### Pozvánka na úvodní seminář projektu BioRegions

Energetická agentura Zlínského Kraje, o.p.s. Vás zve na úvodní seminář projektu BioRegions, který se uskuteční v úterý **14. prosince 2010 od 12:30 v zasedací místnosti Městského úřadu v Brumově-Bylnici (Hildy Synkové 942).**

Mezinárodní projekt Bioregions je zaměřen na vytvoření funkčního regionálního trhu s biomasou, který by dlouhodobě usnadnil kontakt mezi producenty biomasy, dodavateli technologií a jejich klienty. Cílem projektu je podpořit energetickou soběstačnost regionu, zaměstnanost a konkurenceschopnost vašeho regionu.

Program semináře:

- 12:30 - představení vizí a aktivit projektu BioRegions a příkladů dobré praxe v partnerských BioRegionech v zahraničí
- 13:00 - přínos pro účastníky z cílového regionu Slavičín a Brumov-Bylnice a celý region
- 13:30 - diskuze s účastníky o možnostech a výhodách jejich zapojení do projektu
- 14:30 - sestavení pracovního týmu projektu v regionu
- 15:00 - diskuze a závěr

Cílový region se skládá z těchto obcí: Bohuslavice nad Vlárí, Brumov-Bylnice, Jestřabí, Lipová, Návojná, Nedašov, Nedašova Lhota, Petrůvka, Rokytnice, Rudimov, Slavičín, Šanov, Štítná nad Vlárí-Popov.

Kontakt: Energetická agentura Zlínského kraje, o.p.s.  
[info@eazk.cz](mailto:info@eazk.cz); 577 043 941; 603 883 776




Úvodní seminář projektu BioRegions | Portál Zlínského kraje - Windows Internet Explorer

http://www.kr-zlinsky.cz/docDetail.aspx?docid=158646&doctype=102&&cp=1

Obilíbené položky | Navrhované weby

Úvodní seminář projektu BioRegions | Portál Zlínského kraje

Stránka | Zabezpečení | Nástroje



**Zlínský kraj**


Informační portál

Úvodní stránka > Pro noviny > Tiskové zprávy > Archiv 2011 > únor

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## Úvodní seminář projektu BioRegions

10.2.2011 16:47:00



**Energetická agentura Zlínského kraje realizuje další z mezinárodních projektů, tentokrát zaměřený na podporu rozvoje trhu s biomasou v okolí měst Brumov-Bylnice a Slavičín. Úvodní seminář k projektu BioRegions proběhl dne 14. prosince 2010 v zasedací místnosti Městského úřadu v Brumově-Bylnici. Projekt podporuje vytváření „bioenergetických regionů“ ve venkovských oblastech Evropy. "Bioenergetickým regionem" je přitom rozuměn region, který získává alespoň jednu třetinu energie potřebné k vytápění a výrobě elektřiny z regionálních a udržitelných energetických zdrojů, s důrazem na využití pevné biomasy.**

Během semináře byla přítomným cca 25 zástupcům clových skupin projektu (municipality, producenti biomasy, výrobci kotlů, provozovatelé zdrojů tepla a další potenciální investoři) představena činnost Energetické agentury Zlínského kraje, o.p.s. (EAZK) a samotný projekt BioRegions včetně úlohy EAZK a společnosti ENVIROS, která je rovněž partnerem za ČR.

Nastíněn byl i program připravované studijní cesty do vzorového bioregionu Achenal v Německu, jehož spotřeba energie (vytápění i elektřina) je více než z jedné třetiny pokryta z místních zdrojů biomasy. Zástupce společnosti ENVIROS následně představil postup tvorby Akčního plánu pro tvorbu bioregionu v clové oblasti měst Slavičín, Brumov-Bylnice a jejich nejbližšího okolí.

Na závěr semináře proběhla diskuse s účastníky, při které sdělili svá očekávání od projektu BioRegions a své možnosti zapojení do projektu. Během diskuse byly také navázány první profesionální kontakty mezi účastníky, které se mohou stát základem nového dlouhodobě stabilního trhu s biomasou v souladu s cílem projektu BioRegions.

Zpracoval: Jan Vandík (ve spolupráci s EAZK, o.p.s.)

10. 2. 2011

Další informace:  
 Sýkorová Dvorníková Gabriela  
 tisková mluvčí  
 Krajský úřad Zlínského kraje  
 577 043 190, 731 555 161

Ing. Miroslava Knotková  
 ředitelka EAZK, o.p.s.  
 tel. 577 043 940; mobil: 603 883 999  
 e-mail: [miroslava.knotkova@eazk.cz](mailto:miroslava.knotkova@eazk.cz)  
[www.eazk.cz](http://www.eazk.cz)


Zmíněné osoby

- neuveдено

Tématická oblast


- energetika

Autor: Petr Zákutný



Podrobné hledání >>

**Hejtmán kraje**



MVDr. Stanislav Mišák

**Nepřehlédněte**

[Otevřený dopis hejtmána lékařům, kteří podali výpovědi v souvislosti s akcí „Děkujeme, odcházíme“](#)

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**Kontaktní údaje**

**Zlínský kraj**  
 třída Tomáše Bati 21  
 761 90 Zlín  
 IČ: 70 89 13 20  
 telefon: +420 577 043 111  
 fax: +420 577 043 202  
 id datové schránky: scsbwku  
[www.kr-zlinsky.cz](http://www.kr-zlinsky.cz)  
[podatelna@kr-zlinsky.cz](mailto:podatelna@kr-zlinsky.cz)

**Navštívte**

**Okno do kraje**

**Regionální rada**  
 regionu soudržnosti  
 Střední Morava

**Neziskové organizace**  
 ve Zlínském kraji

**průmyslová zóna Holešov**

Internet | Chráněný režim: Zapnuto

100%



## Annex 2.4: Article in Moderni obec magazine

ŽIVOTNÍ PROSTŘEDÍ

## Projekt BioRegions podpoří vznik místních trhů s biomasou

Stoupající ceny energií a závislost na dovážených fosilních zdrojích (uhlí, ropa, zemní plyn) způsobují odliv finančních prostředků z většiny českých regionů. Proč platit za drahá fosilní paliva, když lze energii získat z místních zdrojů, jako je biomasa, a ještě přitom zvýšit zaměstnanost v regionu? Na území měst Brumov-Bylnice a Slavičín i okolních jedenácti obcí se tím v rámci projektu BioRegions zabývá Energetická agentura Zlínského kraje.

**O**bnovitelné zdroje energie (OZE) nyní představují široce diskutované téma především v souvislosti s boomem fotovoltaických elektráren. Ovšem pro mnoho regionů je nejperspektivnějším zdrojem energie pro vytápění i výrobu elektřiny energetická biomasa. Dominantní část její produkce (odpady při těžbě dřeva, prořezy vegetace podél komunikací i cíleně pěstované energetické plodiny) se však nyní prodává na celostátním a do jisté míry i na mezinárodním trhu. Výrazně odlišná zůstává situace na regionální úrovni, neboť místní trhy s energetickou biomasou prakticky neexistují a lokální spotřebitelé ji musí získávat prostřednictvím celostátního trhu.

### ČESKÉ ZASTOUPENÍ V PROJEKTU

Třiletý mezinárodní projekt BioRegions (potrvá do konce dubna 2013), podporovaný ze 75 % ze zdrojů EU v rámci programu Inteligentní energie pro Evropu, si proto klade za cíl vytvořit dlouhodobě udržitelný funkční trh s biomasou na regionální úrovni. Podle projektu se v pěti evropských regionech vytvoří podmínky pro vznik a následný rozvoj místních trhů zaměřených na zdroje biomasy typické pro danou oblast. V irském regionu Westmeath se využije tamní dostatek odpadní slámy, v regionech Sredna Gora (Bulharsko), Trièves (Francie) a Limbaži (Lotyšsko) naopak zase odpadní biomasa z těžby a zpracování dřeva.

V České republice leží cílový region projektu u státní hranice se Slovenskem a tvoří jej města Brumov-Bylnice a Slavičín spolu

s 11 okolními obcemi. V tomto regionu je rovněž potenciál biomasy z těžby a zpracování dřeva. Právě biomasou tam už úspěšně využívají dva centrální městské zdroje.

Uskutečněním projektu se má dospět k třetinovému podílu biomasy na celkové spotřebě energie (vytápění a produkce elektřiny) v každém z pěti regionů. Pomocí k tomu zkušenosti vzorových bioregionů v Achentalu (Německo) a Jonköpingu (Švédsko), kde již obdobné regionální trhy fungují. Základem projektu BioRegions se stane příprava a formální přijetí akčních plánů, které – v souladu s místními podmínkami – budou obsahovat časový harmonogram a mílniky důležité pro posílení energetického využívání místních zdrojů biomasy v každém cílovém regionu.

Záměrem projektu je také rozvíjet stávající a iniciovat nové místní projekty zaměřené na energetické využití biomasy. Důležitý bude i rozbor možností financování těchto projektů s využitím všech dostupných zdrojů.

Partnery projektu v Česku se staly Energetická agentura Zlínského kraje, o. p. s. (EAAK) a společnost ENVIROS, s. r. o. Praha. Zatímco EAAK zajišťuje organizaci a propagaci aktivit uskutečněných v cílovém regionu, ENVIROS chystá metodiku zpracování akčních plánů všem partnerům projektu.

### CO SE UŽ VYKONALO

Zahraniční partneři projektu už loni provedli průzkum v těch evropských regionech, v nichž už fungují lokální trhy s biomasou. Výsledky průzkumu se využijí i v dalších fázích projektu BioRegions. V minulém roce už také v každém cílovém regionu vznikly databáze tavných klíčových subjektů, jako jsou producenti biomasy (lesnické společnosti, farmy), její zpracovatelé (pily) a spotřebitelé (místní samosprávy i soukromé společnosti). Do databáze byli též zahrnuti dodavatelé kotlů na biomasu, výzkumné instituce, místní média a neziskové organizace působící v oblasti využívání OZE.

V závěru minulého roku se zástupci cílových skupin na semináři seznámili s projektem i s úlohou EAAK. Společnost ENVIROS při této příležitosti představila postup pro tvorbu místního akčního plánu.



Centrální zdroj tepla v Brumově-Bylnici (okres Zlín) využívá dřevní štěpku.

**MÍT KRAJ »V ZÁDECH« JE PŘÍJEMNÉ** Myšlenku tvorby regionálního trhu s biomasou podporují hlavně stávající spotřebitelé dřevní štěpky. Tím, že se na projektu BioRegions budou podílet producenti biomasy, dodavatelé technologií, instalační firmy a jednotlivé municipality, se nepochybně mezi nimi posílí nejen kontakty, ale vzájemně se také vyjasní jejich jednotlivé potřeby, možnosti i očekávání.

Už nyní biomasa ve Zlínském kraji zlevňuje vytápění jak v individuálních, tak v centrálních zdrojích tepla. Tento trend je třeba udržet a dlouhodobě stabilizovat. Všichni účastníci projektu by proto co nejdříve uvítali i obnovu dotací podporujících výměnu kotlů na tuhá fosilní paliva za kotle na biomasu.

Samotný Zlínský kraj, který projekt předfinancovává a z 25 % pokrývá náklady EAAK, si od projektu BioRegions slíbilo, že zkušenosti ze všech jeho pěti cílových regionů bude mocí dále rozšířit na svém území, čímž bude posílena energetická soběstačnost kraje. Více informací o projektu BioRegions najdete na jeho internetových stránkách [www.bioregions.eu](http://www.bioregions.eu). /sky/



V rekonstruovaném centrálním zdroji tepla v Brumově-Bylnici fungují i dva kotle na biomasu o výkonu 1 a 2 MW.

**Co je to »bioenergetický region«**

Ve smyslu projektu BioRegions jde o region, který alespoň 1/3 energie potřebné k vytápění a výrobě elektřiny získává z regionálních udržitelných energetických zdrojů s důrazem na využití pevné biomasy.

**Projekt BioRegions:**

- podporuje rozvoj účinných a spolehlivých trhů pro pevnou biomasu v pěti cílových regionech;
- vytváří podmínky k investicím do bioenergetických projektů a podniků místních subjektů;
- povzbuzuje okolní venkovské oblasti, aby následovaly příkladu cílových regionů.

ZDROJ: WWW.BIOREGIONS.EU

## Annex 2.5: Other - scan of the List of Participants



Prezenční listina úvodního semináře projektu BioRegions					
Konaného v úterý 14. Prosince v zasedací místnosti Městského úřadu v Brumově-Bylnici.					
#	jméno	organizace	telefon	e-mail	podpis
1	Milena Kovariková	Zlínský kraj	577 043 135	<a href="mailto:milena.kovarikova@kr-zlinsky.cz">milena.kovarikova@kr-zlinsky.cz</a>	
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3	Václav Bližňák	Město Brumov-Bylnice	577 305 148	<a href="mailto:vaclavbliznak@brumov-bylnice.cz">vaclavbliznak@brumov-bylnice.cz</a>	
4	Jaroslav Šerý	Služby města Brumov-Bylnice	577 330 412	<a href="mailto:sluzby@brumov-bylnice.cz">sluzby@brumov-bylnice.cz</a>	
5	Jaroslav Končický	Město Slavičín	577 004 807	<a href="mailto:konicky@mesto-slavicin.cz">konicky@mesto-slavicin.cz</a>	
6	Pavel Pindák	Město Slavičín	577 004 806	<a href="mailto:pindak@mesto-slavicin.cz">pindak@mesto-slavicin.cz</a>	
7	Oldřich Kozáček	BTH Slavičín spol. s r.o.	577 341 041	<a href="mailto:kozacek@bth-slavicin.cz">kozacek@bth-slavicin.cz</a>	

Úvodní seminář projektu BioRegions, 14.12.2010, Brumov-Bylnice



8	Radomír Bezděk	Regionální centrum kooperace, a.s.	577 006 340	<a href="mailto:bezdek@rckas.cz">bezdek@rckas.cz</a>	
9	Zdeněk Urbanovský	Centrála cestovního ruchu Východní Moravy, o. p. s.	577 043 903	<a href="mailto:zdenek.urbanovsky@vychodni-morava.cz">zdenek.urbanovsky@vychodni-morava.cz</a>	
10	Martin Janík	Město Valašské Klobouky		<a href="mailto:janik@mu-vk.cz">janik@mu-vk.cz</a>	
11	Václav Strnad	Obec Štítina nad Vláří-Popov	577 336 126	<a href="mailto:starosta@stitna-popov.cz">starosta@stitna-popov.cz</a>	
12	Božena Sukaná	Obec Šanov	577 341 634	<a href="mailto:ousanov@volny.cz">ousanov@volny.cz</a>	
13	Milan Moravec	INSTOP, spol. s r.o.	577 343 551	<a href="mailto:moravec@instop.eu">moravec@instop.eu</a>	
14	Jiří Trčka	JT POTOS, s.r.o. VLAHOVKA	736 111 818	<a href="mailto:info@potos.cz">info@potos.cz</a>	
15	Pavel Urban	BIOPAL Technologie s. r. o.	558 437 353	<a href="mailto:biopal@biopal.cz">biopal@biopal.cz</a>	
16	Radim Machů	Centrum Veronica Hostětín	572 630 670	<a href="mailto:radim.machu@veronica.cz">radim.machu@veronica.cz</a>	
17	Jana Tesařová	Centrum Veronica Hostětín	572 641 855	<a href="mailto:jana.tesarova@veronica.cz">jana.tesarova@veronica.cz</a>	

Úvodní seminář projektu BioRegions, 14.12.2010, Brumov-Bylnice

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



18	Kateřina Fojtů	Centrum Veronica Hostětín	572 630 670	<a href="mailto:katerina.fojtu@veronica.cz">katerina.fojtu@veronica.cz</a>	
19	Milan Humpola	INARI s.r.o.	739 659 550	<a href="mailto:milan.humpola@seznam.cz">milan.humpola@seznam.cz</a>	
20	Jaroslav Pečeňa	INTEC s.r.o.	605 512 535	<a href="mailto:firma@intec-sro.cz">firma@intec-sro.cz</a>	
21	Josef Fojtik	Pálenice v.o.s.	737 841 372		
22	Roman Verner	Český rozhlas	577 004 159	<a href="mailto:roman.verner@rozhlas.cz">roman.verner@rozhlas.cz</a>	
23	Jindřich Hnilo	JAVORNÍK-CZ s.r.o. (JAVORNÍK-CZ-PLUS s.r.o.)	577 002 312	<a href="mailto:javor@javor-st.cz">javor@javor-st.cz</a>	
24	Ludmila Žebráčková	Pila Vágr <i>SLAVIČÍN</i>	577 342 263	<a href="mailto:pila.vagner@centrum.cz">pila.vagner@centrum.cz</a>	
25	Vladimíra Henelová	ENVIROS, s.r.o.	284 007 484	<a href="mailto:vladimira.henelova@enviros.cz">vladimira.henelova@enviros.cz</a>	
26	Michael ten Donkelaar	ENVIROS, s.r.o.	284 007 491	<a href="mailto:michael.tendokelaar@enviros.cz">michael.tendokelaar@enviros.cz</a>	
27	Miroslava Knotková	Energetická agentura Zlínského kraje, o.p.s.	577 043 940	<a href="mailto:miroslava.knotkova@eazk.cz">miroslava.knotkova@eazk.cz</a>	

Úvodní seminář projektu BioRegions, 14.12.2010, Brumov-Bylnice



28	Tomáš Perutka	Energetická agentura Zlínského kraje, o.p.s.	577 043 945	<a href="mailto:tomas.perutka@eazk.cz">tomas.perutka@eazk.cz</a>	
29	Radek sedlačik	Energetická agentura Zlínského kraje, o.p.s.	577 043 941	<a href="mailto:radek.sedlacik@eazk.cz">radek.sedlacik@eazk.cz</a>	
30	Antonín Goňa	Obec Rokytnice	577 343 652	<a href="mailto:starosta@rokytnice.org">starosta@rokytnice.org</a>	
31	<i>MACHARA FRANTIŠEK</i>	<i>OBEC KLÁVOJKA</i>	<i>577 335 67</i>	<i>f.machara@centrum.cz</i>	
32	<i>JARHILA JANIČKOVÁ</i>	<i>OBEC NEĐAŠOVA LHOŤA</i>	<i>577 335 366</i>	<i>nedasovakota@iol.cz</i>	
33	<i>DIETRIED</i>	<i>PETRUŠKA GR</i>	<i>603 579 844</i>		
34	<i>ČZS BYLNICE</i>	<i>BYLNICE</i>	<i>537 408 033</i>		
35					
36					
37					

Úvodní seminář projektu BioRegions, 14.12.2010, Brumov-Bylnice

## 3 Workshop in France

### 3.1 Introduction

#### ***Time and place of the workshop:***

The workshop took place in the boardroom of the Chichilianne municipality on Wednesday 9<sup>th</sup> of February 2011 from 9:00 to 13:00.

#### ***Target Group:***

The participants of the workshop represented a wide range of the stakeholders from the target region Trièves. There were represented public organisations (3 mayors, district authorities, regional development authorities - region Rhône-Alpes), Bio-energy producers, public and private farming and forest associations, craftsmen, tourism (hotel, national park -Vercors), scientific institutes (CEMAGREF, CEA and TENERDIS), nature protection associations (FRAPNA) and industries. Jean-Yves Lemenez assured the publicity from the regional newspaper “Le Dauphiné Libéré”.

### 3.2 Implementation of the Workshop

The workshop was implemented in accordance to the BioRegions project intention. It was organized by the regional planning syndicate (SAT).

All organisations, companies, entities and institutions from the stakeholder database were invited. Overall there were 8 from 9 stakeholder-categories (89 % of categories in stakeholder databases) present, with a total of 25 people (see list annexed). Due to the presence of the craftsmen, there was even more categories represented than mentioned in the database. Only two stakeholder types were missing on the workshop: “others”, that means the architects and the NGOs.

The objectives and the activities of the project were explained on the workshop including the role of the SAT, our mentor region Achenal and the mentor partner BAT. Views and expectations on the BioRegions project were exchanged during the whole workshop between the interventions of the speakers.

### 3.3 Minutes of the workshop in France

#### ***Presentations – Discussions:***

The workshop was opened by Frederic Aubert (a delegate from the SAT) who presented the general political forest development in Trièves. Afterwards, Thibaud Bécourt explained the contents of the workshop and gave a presentation about forest tourism.

Bettina Maeck presented the BioRegions project, its objectives, activities and the consortium. She also gave some details concerning the first contacts with the Achenal region in view to



become a kind of “ecological partnership” before the beginning of the project, and the important role of the mentor region for the French target region in the project. She outlined the best practice visit and its contents in March 2011 and mentioned the visit of Christian Epp from BAT in July 2010.

The currently status of the project and the next steps were explained, highlighting the establishment of a regional action plan.

**Outcomes:**

A special character of our workshop in Trièves is the implementation of the BioRegions project in the actual and regional forest charter which is very similar to the objectives of the project. This charter will finish this year so that the BioRegions project will adopt the local forest charter. One of the main challenges for us was to convince all the present stakeholders about this objective. We can say that this challenge was successfully mastered.

Some of the main problems outlined in our region are the access to the forest exploitation, the fragmentation of the forest ground and the general wood supply. Furthermore the discussion focused on the wood supply centre with drying facility in St Michel les Portes. Its strengths (modern, good storage dimensions, very good wood quality) and difficulties (over dimensioned wood-boiler, too expensive, no global control of the facility, economically not very dynamic), were already expressed in the visit of Dr. Christian Epp, our mentor partner from the region of Achtental in Germany. Some propositions of Mr Epps’ visit were discussed: for example to produce and to sell different types of wood chips qualities or to introduce also the pellets production and sale.

The problem of the wood supply has already reached the wood supply-centre. One example: actually individuals can’t buy any wood chips for their boiler any more. Mr Thierry Schoebel, who is hotel manager and who was once proud of having changed the hotels’ heating system for a wood chip biomass-boiler, is really disappointed and is afraid that this lack of local bioenergy supply is not a very motivating example. So if somebody is asking him if this system is performing well he won’t be able to make a positive publicity. Mr Joud from COFORET (Bio-energy producer) countered that this problem will be resolved shortly and that the company has also to think about a good communication.

It was discussed that it might be a good idea to cooperate with the scientific institute on a R&D demonstration platform for some alternative proceedings in pellets manufacturing, especially in torrefaction. Mr Chauvin and Mr Buissonnet from CEA/CEMAGREF/Tenerrdis (Research and Development centre) explained some possibilities concerning that issue. Actually, this kind of inner-regional project is only on the “call for proposal”-level, but the location and the dimension of the wood supply-centre and especially the over dimensioned wood-boiler are very positive factors for a candidature.

We will manage to meet shortly and regularly the key stakeholders to establish the action plan. Furthermore the travelling stakeholders will meet in the middle of March before the best practice visit in Achtental.

An article about the BioRegions workshop will be published in the most important regional



newspaper “Le Dauphiné Libéré”.

### 3.4 Agenda of the workshop in France

**When:**

Wednesday, 9<sup>th</sup> February 2011 from 9:00 to 13:00

**Where:**

Municipality of Chichiliane (38930)

**Contact persons:**

Thibaud Bécourt (SAT): espaces-naturels.sat@orange.fr

Bettina Maeck (SAT): bettina.maeck@wanadoo.fr

**Table 8 : Agenda of the workshop in France**

Date: Wednesday, 9 <sup>th</sup> of February 2011		
Time	Content	Responsible
09:00 – 09:15	Welcome coffee	SAT
09:15 – 09:30	Welcome and introduction	Jean-Paul Mauberret (SAT's president)
09:30 – 09:40	Political forest development in Trièves	Frederic Aubert (SAT)
09:40 – 9:50	Financial statement of the forest charter	Thibaud Becourt (SAT)
9:50 – 10:15	The BioRegions project, its objectives, activities and visions	Bettina Maeck (BioRegions/SAT)
10:15 – 10:30	Forest accessibility and infrastructure (private and public forest)	Remy Lecomte (ONF - public) David Houmeau (CRPFRA - private)
10:30 – 11:00	Fragmentation of the forest ground and technical solutions	Jefferson Aubert (COFORET)
11:00 – 11:10	Coffee break	
11:10 – 11:30	Regional wood-supply contract	Guy Charron (CG) and O. Chaumontet
11:30 – 11:45	Wood quality study	Patrick Chion (AFTBM)

	Forest tourism	Thibaud Bécourt (SAT)
11:45 – 12:00	The wood supply-centre	Didier Joud; O. Allignol (COFORET)
12:00 – 12:20	Alternative pellets manufacturing proceedings	Christophe Chauvin CEMAGREF - TENERRDIS Guillaume Buissonnet (CEA)
12:20 - 12:45	Discussion (forest charter->BioRegion, creation of working groups for the establishment of the action plan, best practice visits)	ALL
12:45 – 13:00	Summary and close	Robert Cuchet (SAT)

## Annex 3.1: Participants – Speakers of the workshop in France

**Table 9: List of Participants of the workshop in France**

	<b>Name</b>	<b>Individual or representing a company</b>	<b>E-mail address</b>
1	Cuchet Robert	SAT	Robert.cuchet@orange.fr
2	Maeck Bettina	BioRegions/SAT	bettina.maeck@wanadoo.fr
3	Boissonnet Guillaume	CEA Grenoble	guillaume.boissonnet@cea.fr
4	Chauvin Christophe	Cemagref/Tenerdis	christophechauvin@cemagref.fr
5	Allagnat Olivier	COFORET	oallagnat@coforet.com
6	Lecomte Remy	ONF	Remy.lecomte@onf.fr
7	Schoebel Thierry	Hôtel Château de Bardonenche	schoebel@bardonenche.com
8	Chion Patrick	AFTBM	Patrick.chion361@orange.fr
9	Charron Guy	Conseil Général	g.charron@cg38.fr
10	Aubert Jefferson	COFORET	jaubert@coforet.com
11	Courtois	CDRA	
12	Fromager	Lignum (consultant)	
13	Joud Didier	COFORET	djoud@coforet.com
14	Pellissier Denis	PNRV/CRPF	Denis.pellissier@parc-vercors.fr
15	Lambouroud	CREABOIS Isère	creabois@wanadoo.fr
16	Rougale	Gresse en Vercors municipality	alain.rougale@yahoo.fr
17	Lemenez J-Y	Le Dauphiné Libéré	jeanyves.lemenez@wabadoo.fr
18	Chaumontet Olivier	Cofor	o.chaumontet@cofor.eu
19	Foglar Hélène	FRAPNA	helene.foglar@frapna.org

20	Mauberret Jean-Paul	SAT	
21	Aubert Frédéric	Tréminis municipality and SAT	
22	Bécourt Thibaud	SAT	espaces-naturels.sat@orange.fr
23	Houmeau David	CRPFRA	David.houmeau@crpf.fr
24	Battaglia Dominique	CET	Trièves.expansion@wanadoo.fr
25	Vallon Michel	Chichilianne municipality	

**Table 10: List of Speakers of the workshop in France**

	Name	Individual or representing a company	Subject of speech	E-mail address
1	Jean-Paul Mauberret	SAT	Welcome and introduction	
2	Frédéric Aubert	Tréminis / SAT	Political forest development in Trièves	
3	Thibaud Bécourt	SAT	Financial statement of the forest charter	espaces-naturels.sat@orange.fr
4	Bettina Maeck	BioRegions / SAT	The BioRegions project, its objectives, activities and visions	bettina.maeck@wanadoo.fr
5	Remy Lecomte David Houmeau	ONF , CRPFRA	Forest accessibility and infrastructure (private and public forest)	<a href="mailto:Remy.lecomte@onf.fr">Remy.lecomte@onf.fr</a> David.houmeau@crpf.fr
6	Jefferson Aubert	COFORET	Fragmentation of the forest ground and technical solutions	jaubert@coforet.com
7	Guy Charron	CG 38	Regional wood-supply contract	g.charron@cg38.fr
8	Didier Joud	COFORET	The wood supply-	djoud@coforet.com

			centre	
9	Chauvin Christophe	CEMAGREF Tenerrdis	Alternative pellets manufacturing proceedings	christophechauvin@cemagref.fr
10	Robert Cuchet	SAT / municipality of Monestier du Percy	Summary and close	Robert.cuchet@orange.fr

## Annex 3.2: Photos from the workshop in France



**Figure 3.1 & 3.2 Welcome and first contacts**



**Figure 3.3 The beginning of the workshop**



**Figure 3.4 Discussion about the project at coffee break**

## Annex 3.3: Workshop Invitation and press release

Intelligent Energy Europe

S A T



Aux membres du comité de pilotage CFT  
Aux partenaires du projet BioRégions

Le 23 décembre 2010,

### OBJET : Invitation au comité de pilotage

Madame, Monsieur,

Le Syndicat d'Aménagement du Trièves porte la Charte Forestière de Territoire et dans ce cadre nous vous proposons de réunir le comité de pilotage afin de réaliser le bilan des actions menées au cours de l'année 2010.

De plus, la dernière action de la CFT débute en cette fin d'année 2010. Il s'agit d'une opération de restructuration volontaire du foncier forestier sur les communes de Chichilienne, Gresse en Vercors et de Tréminis. La tenue du comité de pilotage sera l'occasion de vous présenter la démarche retenue et de se concerter sur sa mise en œuvre.

Par ailleurs, le SAT participe à un projet européen pour la promotion de la biomasse comme source d'énergie : le projet BioRégions. Dans ce cadre, nous souhaitons poursuivre les actions menées en faveur de la mise en œuvre d'une filière Bois-Energie sur le Trièves. Ce projet doit aboutir à l'écriture d'un plan d'actions au cours de l'année 2011 en concertation avec tous les acteurs du territoire : forestiers, agriculteurs, producteurs de plaquettes, chauffagistes...

Nous vous proposons de nous réunir le :

**Mercredi 9 février de 9h00 à 12h30**

**Mairie de Chichilienne**

A l'ordre du jour :

- Présentation des actions CFT menées en 2010,
- Mise en œuvre de l'action de restructuration foncière
- Projet BioRégions : perspectives, actions 2011

Comptant sur votre présence, nous vous prions d'agréer, Madame, Monsieur, l'expression de nos sentiments distingués.

Luc PUSSAT  
Président

Syndicat d'Aménagement du Trièves – Place de l'église – 38930 Cielles  
Tél : 04 76 34 44 29 – Fax : 04 76 34 45 70



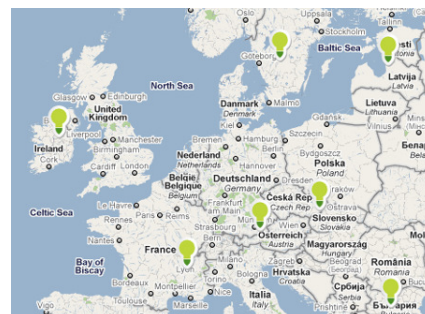
## Article in the SAT Newsletter (December 2010) :

### Le Trièves, un territoire BioRégions

Le SAT est engagé depuis 6 mois dans un projet européen sur la biomasse : le projet BioRégions.

Ce programme a pour objectif de promouvoir l'utilisation du Bois énergie et secondairement de la méthanisation pour la production de chaleur afin qu'à long terme, 1/3 de l'énergie totale produite sur le territoire Trièves provienne de ces ressources.

D'une durée de 3 ans, ce projet met en relation 7 régions d'Europe étant à des stades différents quant à l'utilisation de la biomasse pour source d'énergie. Ainsi, 2 régions considérées comme « modèles » : l'Achental (Allemagne) et le Jönköping (Suède) sont tutrices pour 5 régions rurales où le potentiel de production est fort et à développer : le Trièves, la Sredna Gora (Bulgarie), la Slavcin (République Tchèque), le Comté de Westmeath (Irlande) et la Limbazi (Lettonie).



Dans ce vaste projet, le SAT souhaite dans un 1<sup>er</sup> temps poursuivre les actions entreprises par la Charte Forestière dans le domaine du bois énergie. Aujourd'hui, la construction des chaufferies collectives sur le territoire permet de valoriser nos forêts dans le cadre de circuits courts ; l'impact environnemental est diminué et l'activité économique dans le Trièves est renforcée.

La demande croissante en matière première fait que la filière locale devra être de plus en plus coordonnée et efficace afin d'approvisionner en toute sérénité les consommateurs. C'est dans ce sens que le SAT souhaite s'investir dans les différents projets de territoire en créant de solides réseaux entre partenaires de la filière locale.

Le but du projet est par ailleurs de promouvoir l'utilisation du bois-énergie pour le chauffage auprès des collectivités, des particuliers et des professionnels : industriels, opérateurs touristiques, restaurateurs, artisans, agriculteurs, grâce à la réalisation de supports de communication et la mise en place d'un forum Bois-Energie fin 2011.



Une action forte sera menée en partenariat avec l'association SITADEL en faveur des agriculteurs afin de les appuyer dans leurs démarches de production de plaquettes bois énergie.

Par ailleurs, le SAT souhaite participer aux réflexions les possibilités techniques d'installations de micro-centrales de méthanisation à l'échelle de l'exploitation agricole.

Enfin, le programme aboutira à l'écriture d'un plan d'actions dans lequel pourront s'inscrire la construction de chaufferies, la pérennisation des réseaux d'acteurs mis en place, la communication des activités réalisées auprès de nouvelles régions...

Pour plus d'informations : [www.bioregions.eu](http://www.bioregions.eu)

Contact au SAT : Thibaud Bécourt - 04 76 34 49 11 ou [espaces-naturels.sat@orange.fr](mailto:espaces-naturels.sat@orange.fr)

## Annex 3.4: Media – articles in local papers

### CHICHILIANNE / TRIÈVES

## La Charte forestière prouve son efficacité



De gauche à droite : Jean-Paul Mauberret, Frédéric Aubert et Thibault Bécourt.

**M**ercredi a eu lieu, en mairie, la réunion du comité de pilotage de la Charte forestière du territoire Trièves, portée par le Sat (Syndicat d'aménagement du Trièves), présidé par Jean-Paul Mauberret, président par intérim du Sat. Étaient présents des élus du Trièves, dont Frédéric Aubert, maire de Tréminis, en charge du comité de pilotage, Guy Charron, président des communes forestières de l'Isère, Guillaume Boissonnet, du CEA (Commissariat à l'énergie atomique), en charge des énergies alternatives, Créabois, l'ONF, la Coforet...

La réunion a débuté par la présentation du bilan financier, effectuée par Thibault Bécourt, technicien du Sat. Une somme de 1 404 000 M d'€ a été investie sur le Trièves, dont 70% a été consommée pour des études portant sur les séchoirs, les zones humides, le schéma de desserte... L'autre sujet abordé a été le projet bio régions, qui porte sur le développement durable des bioénergies en Europe. Par ailleurs, le Sat participe à un projet européen pour la promotion de la bio masse comme source d'énergie à travers le projet bio régions. Ce programme favorisera la création de régions de la bio énergie, dites "bio régions", dans les zones rurales d'Europe. Ces territoires souhaitent obtenir au moins un tiers de leur approvisionnement énergétique à partir de sources de bio masse locale et durable.

Les actions de la Charte forestière en 2010 ont surtout porté sur les dessertes forestières : Clelles (forêt privée et communale, inventaire cadastral), Lalloy (forêt communale), Tréminis (forêt privée, inventaire cadastral), Gresse (forêt communale) et Monestier-de-Clermont. Les travaux de la desserte forestière, commencés en 2010, devraient s'achever au printemps. Autre action de la Charte forestière : la restructuration foncière. Elle a porté sur les communes de Tréminis, Chichilianne, et Gresse-en-Vercors et a été réalisée par la Coforet (Coopérative forestière), pour un budget de 37 000 €. Elle a concerné tous les propriétaires privés pour le recensement des parcelles à vendre ou à échanger, avec la conclusion des transactions devant un notaire.

**Jean-Yves LE MÉNÉZ**

### CLELLES

## Sat : le projet bio-région en marche

**M**ardi a eu lieu, à la salle Guillet, en marge du conseil syndical du Sat (Syndicat d'aménagement du Trièves), la présentation du projet bio-région, présenté par Bettina Mœck, prestataire de service auprès du Sat et Thierry Bécourt, technicien du Sat.

Le projet Européen a débuté en mai 2010. Il se terminera en 2013 avec pour point d'orgue la création d'un projet de promotion et de transformation de la biomasse en énergie.

Cinq régions dans cinq pays ont été choisies pour mener cette initiative : l'Irlande, la Bulgarie, la Lituanie, la République Tchèque et la France, dans la région Trièves. La promotion de la bio-masse s'effectuera en mutualisant l'échange des connaissances, par l'identification des facteurs positifs dans les régions modèles, par la création d'un réseau d'acteurs locaux ciblés.

Depuis le mois de juillet, plusieurs actions se sont concrétisées. Une rencontre a été formalisée entre les professionnels du bois de la Coforet (Coopérative forestière), le pôle bois de Saint-Michel-les-Portes, la SVBT (Société de valorisation des bois du Trièves) et les élus du Cet (Comité d'expansion du Trièves). Ces derniers développent actuellement un projet de méthanisation de la litière du Mont-Aiguille à Clelles. Les agriculteurs pourront produire du méthane à partir des déchets de l'agriculture. Le CEA (Commissariat à l'énergie atomique) s'occupera de produire de l'énergie à partir de la biomasse d'origine forestière.

Le principal intérêt de ces réunions est d'amener les différents acteurs investis dans le projet à des échelles différentes à se concerter.

Le président du Sat Luc Puisseat résume : « Le projet bio-masse va se développer pour arriver à des résultats concrets au cours de l'année 2011. Notamment sur la méthanisation des déchets agricoles et la fabrication d'énergie d'origine forestière ».

**J.-Y.L.M.**



Thierry Bécourt et Bettina Mœck organisent la concertation entre les différents acteurs de la filière bois et agricole en vue de transformer une partie de leurs déchets en énergie.

**LA MURE**

Trois anniversaires

**PORTES OUVERTES**

Vendredi 19 & Samedi 20 Novembre 2010

**PLUS TARD**

CE SERA TROP



### Annex 3.5: Other - scan of the List of Participants

S A T		Mercredi 9 février 2011, Chichillianne	
bio regions.eu		Comité de Pilotage CFT - Projet BioRégion	
NOM	COMMUNE/STRUCTURE	E-MAIL	SIGNATURE
CUCHET Robert	SAT	robert.cuchet@orange.fr	
MAECK Bettina	SAT	bettina.maeck@wanadoo.fr	
BOISSONNET Guillaume	CEA Jonckhele	Guillaume.boissonnet@cea.fr	
CHAUSIN Christoph	Cernagref	christophe.chausin@cernagref.fr	
MCAGNAT Olivier	COFORET	oallagnat@coforet.com	
LECOMTE Rémy	ONF	remy.lecomte@onf.fr	
SCHOEDEL Thierry	Montkin de C'	thierry.schoedel@bardonninche.com	
CHIRON Patrick	FFB/M/UGDFI	patrick.chiron361@orange.fr	
CHARRAT Guy	Cg 38	g.charrat@cg38.fr	
AUBERT Joffrey	COFORET	jaubert@coforet.com	
COURTOIS	CDRA		
Françoise G	lig num.		
JOUD Didier	COFORET	djoud@coforet.com	
PELLERIN Denis	PNRV / CRPF	denis.pellerin@pnr-verseins.fr	
LAFITTE Aurélien	CREABOIS T. 03 75 22 00 00	creabois@wanadoo.fr	
ROUGALE	Gressin en Vercors	alain.rougale@yahoo.fr	
LEHENVELY	Dauphine-Ubri	jeanyves.lehenvely@wanadoo.fr	
Charmontet	Olivier	o.charmontet@coforet.com	
FUGLIER Helène	TRAPPA	helene.fuglier@trappas.org	
MAUBERAT Jean-Luc	SAT		
Frédéric Auvray	Thermals/SAT		
Bicant Thibaud	SAT		
Marie Hallit	SITADEL		Excusé
Jean Bernard	BdA		excusé.
Nathalie Lacroix	PBA		excusée

... →

Nom. Prénom	structure	e-mail	signature
HOUBEAU David	CR.PF.RA.	david.houbeau@cpf.fi	<del>houbeau</del>
BATTAGLIA Dominique	CET	trivoo.expansion @wanadoo.fi	<del>eeeg</del>
NIER Valérie	SVBT	excuse's	
VALLON Bruno Michel	chichilianne		

## 4 Workshop in Ireland

### 4.1 Introduction

#### ***Time and place of the workshop:***

The workshop was held on Thursday 3<sup>rd</sup> of February 2011 at conference facilities in the Bloomfield House Hotel, Mullingar, Co Westmeath, Ireland. The workshop comprised morning seminars and afternoon groups' sessions, discussion and Q & A and commenced at 9:00 am running until 4:30 pm.

#### ***Target Group:***

The target group included representatives of key local / national agencies, associations, media, commercial organisations, farmers, foresters, design professionals, biomass suppliers, technology providers, energy companies and financiers.

### 4.2 Implementation of the Workshop

The workshop was organised by the Irish partners, Westmeath Community Development Ltd.

A comprehensive marketing campaign was undertaken with all companies, entities and institutions from the stakeholder's database of the target region invited to the workshop including several additional hundreds of emails, local newspaper advertisements in the Westmeath Examiner and Westmeath Independent (15 January 2011) and a radio interview with Midlands Radio (11 January 2011).

Participants of the workshop were drawn from across the main stakeholder categories and represent the key entities from the target region necessary for the implementation of the project broadly including Government Departments, National Government Organisations / Local Agencies, County Councils, Semi State bodies, Educational Institutions, Private Sector Organisations and Individuals/unspecified organisation. In addition representatives from two other Bioenergy related projects in Ireland attended RASLES, FOREST (IEE) and one pending IEE Project (Biomass Trade Centre's II).

Participants of the workshop represented 12 of 15 stakeholder categories which represents 80 % of the key stakeholder organisations categories in the data base.

The workshop was structured into morning seminars / presentations, providing a range of highly informative presentations, not only on the project but including an overview of the bioenergy market, technologies and Irish case studies, followed by afternoon group discussion, (8 topics facilitated by specialists in the field) and feedback, allowing the stakeholders to exchange views and make further enquiries. The feedback from these discussion groups was fully documented.

A delegate survey was also conducted and 44 questionnaires were returned which provided further detailed feedback and information, and a press release was issued to local and regional media following the event.

### 4.3 Minutes of the workshop in Ireland

#### ***Presentations – Discussions:***

The event was chaired by Joe Potter CEO of Westmeath County Council

Presentation 1 **Developing a Bioenergy Sector in the Midlands** was presented by energy consultant Patrick Daly who gave an overview of the Bioregions project its aims, goals and overall vision for a Bioenergy sector in the midlands. Patrick also presented an overview of energy use and resources in the Midlands and outlined the scale of the emerging biomass co-firing market demand from the three regional peat burning power stations and reviewed the potential heat demand market.

Presentation 2 **Bioenergy in Ireland** by Noel Gavigan a consultant working with the Irish Bioenergy Association, gave an overview of Bioenergy in Ireland, market context, opportunities and challenges. Noel outlined the positive benefits to local and regional economies from investment in Bioenergy and outlined the various technology options and solutions for the heat, electrical and transport markets and their various government supports.

Presentation 3 **Bioenergy in the Midlands** was presented by Barry Caslin a specialist agricultural advisor from Teagasc. Barry outlined current national and regional land usage, highlighting the minimal biomass proportion as compared to requirements resulting from national biomass targets. Barry reviewed the main biomass resources in the County, forestry, biomass crops, and the development of some small biogas plants, highlighting the significant demand being created by the co-firing demands of the midland power stations and that significant biomass crop plantation was required if Government targets were to be reached.

Presentation 4 **Bioenergy Opportunities from Biodegradable Waste** was presented by Vicky Heaslop a farmer and Anaerobic Digestion (AD) specialist who gave a highly detailed presentation on the application and benefits of AD for farmers especially and the wider rural community. The presentation included a review of current AD feedstock in the Midlands and an examination of the benefits of AD including energy production, carbon emission reduction, and additional spins offs including gate fees and enhanced fertiliser production. Vicky highlighted that the wider social economic benefits of AD needed to be taken into account in order to fully weigh the benefits of AD as a Bioenergy solution.

Presentation 5 **Wood Heating Economic Sense for Irish Hotels** by Ian Mc Guinness a hotel owner, presented a detailed economic case study of a 52 Bedroom Hotel which converted from oil to Biomass with a 3 year payback on capital invested resulting from a significant reduction in



fuel costs with savings of circa €50,000 per annum. Ian highlighted challenges around supply chains and competition as being essential for the market to develop.

Presentation 6 **Power Demands** by Geraldine O Sullivan who is the Irish Farm Associations (IFA) Executive Secretary for Farm Forestry and Bioenergy presented on the opportunities and challenges for the biomass sector notably in terms of co-firing demands from the Midland peat burning power stations and the Biomass CHP. Market barriers were identified and the role of the IFA in influencing government policy was explained.

Presentation 7 **The Swedish Experience** by Alan Sherrard LTC, the target regions project mentors, presented an overview of the Swedish context, resources and energy profile, highlighting their transition from oil to Bioenergy. Alan also gave an excellent overview of supply and value chains and reviewed the key drivers supporting the market and examples of regional energy use flows and diagrams which were highly informative.

### ***Discussion Groups Feedback***

Following the presentations and in addition to informal discussion and networking at breaks and lunch, structured group feedback sessions were conducted and recorded.

This provided opportunity for more detailed debate, discussion and feedback collation from the stakeholders. Groups were organised as follows.

#### Group 1 - BIOMASS BOILERS AND INSTALLATIONS      Chairperson: Noel Gavigan IrBEA

- Group consisted mainly of Installers and growers
- Shortage of Chip Suppliers
- No Open Market, network and market hub required for buyers and sellers of wood chip
- Irish pellets are not as high quality as imported pellets. This needs to be addressed.
- Interest in market not advancing fast enough. Advancing faster in UK due to market stimulus. E.g 0% interest loans.
- What is the possibility of using waste wood, contamination may be issue, e.g nails and paints in/on pallets.

#### Group 2 - BIOMASS CROPS      Chairperson: Barry Caslin TEAGASC

- Group consisted mainly of Farmers, Heating System Installers
- Lack of clarity in government policy
- Who to approach to get business off ground?

- Lack of Infrastructure for crop drying, transport, chipping etc.
- Farmers making early mistakes, example given that farmer started to grow miscanthus and should have grown willow instead as better contracts emerging for willow.
- Lack of knowledge and distribution of information. Bodies such as IFA need to get info out there.
- What are the implications on land after removal of willow/miscanthus from land?

Group 3 - ANEROBIC DIGESTION Chairperson: Vicky Heaslop Methogen

- Group consisted mainly of Willow farmers, developers of AD, lecturers.
- Lot of Questions on Vicky Heaslop Experience
  - o Why she set up? A: To develop fertiliser/use waste slurry
  - o Does she use food Waste? A: No permit for food waste
  - o What return does she get? A: approx €30000 per year income from AD.
- Heat can be used for crop drying
- Cost of set up varies. Depends on types of inputs, location, end product etc.
- Value of outputs rising
- Major Obstacles for power production is grid connect cost. In the UK this is about £5000, about €11000 in Ireland
- Need for networking

Group 4 - CO-FIRING Chairperson: John O Halron BordnaMona

- Group consisted mainly of Farmers, Consultants, Public Servants.
- Big push needed in Ireland inc. and biomass CHP market.
- Not enough Forestry, still reliant on some imports.
- Not enough uptake in Bio Energy Crops

- How do we convince farmers to uptake BE crops? Incentives?
- In order to get returns from farmers more R&D is required. What land is available and suitable?

Group 5- BIOMASS for INDUSTRIAL USERS      Chairperson: Des O Toole Coilte

- Group consisted of Processing Users, Semi State forestry, growers.
- What defines a large user? It was agreed a large user would consume 5000t or more of biomass for energy utilisation per year.
- Not a lot of large scale investment in Biomass
- Use of Heat? If user cannot use heat it makes less economic sense.
- Lack of Clarity on the feed-in-tariff
- Need for supply chains and clarity on economic haulage distances.
- There is a lack of availability of finance.
- Lack of joined up thinking. Irish mind set is to look after own patch, need for change.

Group 6- SWEDISH EXPERIENCE      Chairperson: Alan Sherrard LTC

- Cohesion of Local authorities/Councils required.
- Local Authorities could come together to form regional groups, forming centres of expertise for Bio Energy etc.
- Need for Networks to be developed.
- Business set up may face planning hurdles including local objections, need to change public perception of Biomass industry.

Group 7 - BIOMASS From FORESTRY      Chairperson: Liam Kelly Teagasc

- Group consisted of growers, timber harvesters, woodland organisations, students.
- Discussion mainly around challenges to Forestry
- Plantation Sizes Vary, not economical for smaller plantations. Need to encourage people to thin.
- Supports for CO-Ops required.
- Numerous different species in different counties with different growth rates. Study required to understand stock.
- Lack of information and familiarity with forestry industry

- Issues with thinning licenses, felling licenses are important and can be hard to obtain.
- Access to plantations can be an issue, lack of roads.

Links between groups and organisations, growers and market, are needed to build confidence in industry.

### ***Outcomes:***

The workshop has facilitated a first of a kind coming together of the main stakeholders in the project and the regional Bioenergy sector in general which produced a number of significant outcomes.

The workshop raised the profile of project both through marketing of the event via various media email, newspaper and radio, word of mouth etc. and through the event itself.

The workshop facilitated the engagement of key stakeholders and players in the sector, vital for the success of the project and Bioenergy initiative including current and potential project promoters, and the establishment of a network.

The workshop has facilitated recruitment of some further key people and organisations into the project 'reference group' for participation in the drafting and development of the Action Plan.

The workshop provided vital information not only about the project and its aims and goals but also about the sector, technology, market, legislative, and policy context issues. There has been significant interest in procurement of the presentations from delegates which has been facilitated.

The workshop also gave opportunity for networking, information sharing and discussion on key issues and importantly provided the organisers and Irish partners with valuable contact and detailed information from specific persons and organisations via the survey, which included areas of interest, skills, project initiatives and promoters.

Feedback from delegates was very positive and participation and engagement in the proceedings was strong.

### ***Survey***

Of the 115 delegates, 44 completed surveys were returned, which provided some important feedback and detail.

### **Catchment:**

Nearly 40% of the delegates were from Co Westmeath with the majority of others from surrounding counties indicating that the project interest and potential influence is regional.

### **Sectors:**

The survey indicated that the majority of delegates were from the Private Sector and predominantly from farming, forestry with good representation from supplier / installers, academics / research and consultants / professionals.

### Areas of Interest / Project Initiatives

In addition to the significant general interest in bio-energy the survey recorded a wide variety of interest in the different aspects of bio-energy, most notably interest in the growing of bio-mass, bio-energy crops and bio-mass from forestry including supply and processing, during chipping etc.

Other registered areas of interest included, AD, Energy service company (ESCO) models, boiler supply/ installation, processing plants, co-firing, financial support, consulting, design, research, and grass as a potential energy crop.

A number of delegates reported various projects and Initiatives including research projects as mentioned above and alternative fuel uses, financial support projects, technology development, forestry projects including thinning of hardwoods, forestry growing groups and sale of timber products, co-firing project at Edenderry power station and a community centre using best practice renewable energy systems.

### Specialist Knowledge and Skills

The survey indicated a diverse range of specialist knowledge and skills. There was a large group indicating specialist knowledge in the area of bio-energy fuel production including farming, miscanthus growing, forestry, harvesting, chipping and anaerobic digestion. Aspects of Bio-energy technologies including technology development, boiler supply / installations and processing were also noted as areas of specialist knowledge. Others included consultants (agricultural, environmental, sustainability, energy), resource types & availability, biomass chemistry and suitability for combustion/co-firing/use, co-generation and EU Project implementation.

### Areas of Assistance

This section of the survey allowed the delegates to describe areas of assistance they might need and these are listed below. Some delegates made suggestions on future initiatives for bio regions project and these are also listed below.

Areas of Assistance:

- Boiler cost and performance data
- Building Confidence in Markets
- Concise costing for alternative fuels
- Future study visits to working plants

- Continuing support for roading into forests
- Financial Support
- Further info on and assistance for development of new biowaste plants and facilities
- gaining support from farmers to grow crops and supply thinnings to Edenderry power
- Mobilising the private forest resource, encouraging private forest owners to thin-biomass available for energy.
- Encouraging land owners to plant energy crops especially SRC Willow.
- Market Establishment
- Project and technology assistance to setup Green energy service company.
- Bring experienced technical minded people from abroad to set up Bioenergy projects
- To secure supply from growers
- Transfer research knowledge to application
- Strengthening of role of LEADER in facilitation of renewable energy development is necessary - role of LEADER versus the Sustainable Energy Authority of Ireland (SEAI) is currently unclear. Need for REFIT to be brought forward. Need for grid connection to be fast tracked and made affordable.

#### Suggestions:

- Sustainable energy network needed. Association of producers needed
- Setting up of a Knowledge Portal would be beneficial
- Get Local Companies involved. Maybe do energy audit of companies. Capital grants/guaranteed heat contracts. Have workshop for these people to attend. Take a roadshow to schools.
- Information/training to all in industry and end users

#### Bioregions Project and Workshop

Project Support: 96 % of delegates surveyed described the project as a '*positive initiative*'.

Workshop Information: 97 % of delegates surveyed described the workshop as '*informative*'.

Workshop quality: The survey provided a very positive indication of the quality of the event with 23 % *good*, 32 % *very good* and 35 % *excellent*

Follow up event: 95 % of delegates surveys stated they would like to participate in a follow up event.



## 4.4 Agenda of the workshop in Ireland

### When:

Thursday 3<sup>rd</sup> February 2011 from 9:00 to 16:30

### Where:

Bloomfield House Hotel,  
Mullingar, Co Westmeath, Ireland

### Contact persons:

Patrick Daly  
Westmeath Community Development  
Zone C – Mullingar Business park,  
Clonmore, Mullingar, Co Westmeath  
Ireland

[pd@patrickdaly.net](mailto:pd@patrickdaly.net)

**Table 11 : Agenda of the workshop in Ireland**

Date: Thursday, 3 <sup>rd</sup> of February 2011		
Time	Content	Responsible
09:00 – 09:20	<b>Registration Bloomfield House Hotel, Mullingar, Co Westmeath</b>	Caroline Moran (WCD & team)
09:20 – 09:30	<b>Welcome and Introduction</b> By Joe Potter CEO of WCD, who will chairing the proceedings for the day.	<b>Joe Potter</b> (CEO WCD )
9:30 – 10:00	<b>BIOREGIONS</b> An introduction to the BIOREGIONS Project and vision for a BIOREGION in Midlands <i>Patrick Daly is a sustainable energy specialist and consultant to WCD.</i>	<b>Patrick Daly</b> (BIOREGIONS)
10:00 – 10:30	<b>Bioenergy in Ireland</b> An introduction to Bioenergy in Ireland and overview of the market, developments, opportunities and challenges. <i>Noel Gavigan is an engineer / advisor with the Irish Bioenergy Association</i>	<b>Noel Gavigan</b> (Irish Bioenergy Association )
10:30 – 11:00	<b>Bioenergy opportunities from Forestry and Farming</b>	<b>Barry Caslin</b> (Teagasc)

	An overview of emerging Bioenergy resources and opportunities from forestry and farming in Midlands. <i>Barry Caslin is a Bioenergy expert with Teagasc.</i>	
11:00 – 11:30	Coffee / Tea break	
11:30 – 12:00	<b>Bioenergy opportunities from Biodegradable Waste</b> Using Anaerobic Digestion (AD) to realise energy and other benefits from biodegradable waste material. <i>Vicky Heaslop is an expert consultant on Anaerobic Digestion</i>	<b>Vicky Heaslop</b> (Methanogen Ltd)
12:00 – 12:30	<b>Case Study The Hotel Users Perspective</b> A case study of the biomass 540KW boiler installation at Roganstown Hotel and Country Club, including economic assessment, and post installation assessment. <i>Ian Mc Guinness is a hotel manger with experience of implementing a biomass system</i>	<b>Ian Mc Guinness</b> (Roganstown Hotel and Country Club)
12:30 – 13:00	<b>Power Demands</b> A presentation on the emerging demands for biomass in the midlands from regional power stations for co-firing and biomass plants. <i>JJ Kavanagh is Chair of the IFA's Committee for Alternative Land Use.</i>	<b>JJ Kavanagh</b> (IFA Alternative Land Use Chair)
13:00 – 14:00	Lunch break	
14:00 – 14:30	<b>The Swedish Experience</b> A presentation from a BIOREGIONS expert, mentor to the Irish target region, and a 'best practice' region in Sweden, with examples of local Bioenergy markets, solutions, supply chains and case studies. <i>Alan Sherrard is a specialist on Biomass and Forestry based in Sweden.</i>	<b>Alan Sherrard</b> (LTC Sweden BIOGREGIONS)
14:30 – 15:30	<b>Discussion Groups</b>	Group Facilitators
15:30 – 16:30	<b>Open Forum</b>	Chair Joe Potter & Panel
16:30	<b>Summary and Close</b>	Chair Joe Potter

## Annex 4.1: Participants – Speakers of the workshop in Ireland

**Table 12: List of Participants of the workshop in Ireland**

	<b>Name</b>	<b>Individual or representing a company</b>	<b>E-mail address</b>
1	Aidan Rooney		
2	Alan Hernon	IT Sligo	hernon.alan@itsligo.ie
3	Alan Sherrard	LTC AB	
4	Aleck Tong	Tokn Grain	tgp@eircom.net
5	Anne Grehan	Ballymore Mullingar	
6	Annette Jordan	Westmeath Co Co	
7	Arthur McDonnell	Carlow County Council	amcdonnell@carloww.co.co.ie
8	Barry Caslin	Teagasc	
9	Beatrix Urban		uisneach@vodafone.ie
10	Bernadette Phelan	WDC	bernadettephelan@wdc.ie
11	Bill Connell	Farm Forestry Group	connell.liam@gmail.com
12	Bob Wilson	CELT	info@celtnet.org
13	Brendan Lynch	Filtrex Ltd	bren@filtrex.ie
14	Brian Beck	North tipperary Co Co	brianbeck@northtippcoco.ie
15	Brian garvey	Athlone IT	bgarvey@ait.ie
16	Cara Augustonborg	UCD	cara.augustonborg@ucd.ie
17	Caroline Townsend	Carlow Co Council	
18	Cathal P Belton	Renewable Energy Student	cathalbelton@gmail.com
19	Charles Hickson	IFA	chashick@eircom.net

20	Charles Shier	Bord Na Mona	charles.shier@bnm.ie
21	Ciaran Jordan	Westmeath County Council	cjordan@westmeathcoco.ie
22	Ciaran Mannion	Satnav E.L.C	satnavelc@gmail.com
23	Claudia Marl		jmarl@eircom.net
24	Colin Bolger	ORS	c.bolger@ors.ie
25	Colm Arthur	Westmeath Co. Co.	colm.arthur@westmeathcoco.ie
26	Damien Collins	ORS	d.collins@ors.ie
27	Dan Grehan	WCDC	
28	Daniel Ryan		
29	Dave Raftis	Environmetal Pillar	daveraftis@gmail.com
30	Declan Crowley		
31	Declan Kennedy	Biotricity	declan@biotricity.com
32	Deirdre Kelly	Dept of Community Equality + Gaeltecht	dekelly@pobail.ie
33	Denis Glennon	Board of Longford Community resources	denisglennon@eircom.net
34	Dermot Leavy	WCD	leavydermot@gmail.com
35	Dermot Tighe		
36	Des O'Toole	Coillte	
37	Eamonn Gavin	Engineer	eamonn.gavin@gmail.com
38	Eddie Forde	DAFF	eddie.forde@agriculture.gov.ie
39	Edward Byrne	Butler & Byrne Architecture	butlerbyrnearc@gmail.com
40	Emer O'Siochru	EOS Future Design	emer@eosfuturedesign.ie
41	Fred Murray	Next Gen Heat	info@nextgenheat.ie

42	Geraldine O'Sullivan	IFA	
43	Gerard Doyle	TSA	gerdoylester@gmail.com
44	Gerard Langan	Agent	gerhlan@eircom
45	Gerr Devlin	Grower	
46	Gerry Henigan		
47	Howard Preston	Rosc Community Forum	info@rocforum.ie
48	Ian McGuinness		
49	Jim Dudley	Imperative energy ltd	jim.dudley@imperativeenergy.com
50	Jim Gavigan		
51	Jim Townsend	Carlow Co Council	
52	Joahim Robertson	LTC AB (Sweden)	
53	Joe Hynds	IT Sligo	hynds.joe@itsligo.ie
54	Joe Potter	Westmeath Community Development	jpotter@westcd.ie
55	John Deegan		
56	John Keely	Advantage Consultancy	jkeely@iol.ie
57	John McGrath	MMKDA	johnmcg@mmkda.com
58	John O'Halloran	Bord Na Mona	john.ohalloran@bnm.ie
59	John Pendes	Carlow County Council	
60	Juergen Marl		jmarl@eircom.net
61	Keith Garry	Glanpower LTD	keith@glanpower.com
62	Kenneth Goodwin	Enviroco management Ltd	kgoodwin@enviroco.ie
63	Kenneth Worrell	Worrell Woodchips	kenneth@worrellharvesting.ie

64	Leo Flanagan		
65	Liam Gavin		gavinliam@hotmail.com
66	Liam Kelly	Teagasc	
67	Liz Gavigan		
68	Martin Cahill		cahillhollydell@eircom.net
69	Mary Walsh	LCRL	mwash@lcr1.ie
70	Matt Shortt	North tipperary Co Co	mshortt@northtippcoco.ie
71	Michael Bell	Tipperary Energy Agency	mbell@tea.ie
72	Michael Nevin	Longford LEB	mnevin@lonfordleb.ie
73	Michael O'Brien	Rural Deveopment	clandmick@gmail.com
74	Michael Papapetrou	WIP Munich	pmp@wip-munich.de
75	Nick Barwise	Dept of agriculture and Food	nick.barwise@agriculture.gov.ie
76	Noel Gavigan	Irish Bioenergy Association	noelgavigan@irbea.org
77	Noreen Finnegan	DCEGA	nfinnegan@pobail.ie
78	Owen Cooney	Farmer	owenpcooney@gmail.com
79	Owenroe Lemar	EOS Sustainable Systems	owenroe@futuredesign.ie
80	Paddy Boyhan	UFA (Crookedwood Co. Westmeath)	
81	Paddy Donnelly	Balrath, Slanemore	
82	Padraig Lennon	Lennon and Daly	
83	Pat Coyle	Farmer	coyla.pat@gmail.com
84	Pat Donohue		
85	Patsy Daly	RIDC	pat@ridc.ie



86	Paul Kilmartin	RIDC	
87	Paul O'Connell	Filtrex Ltd	paul@filtrex.ie
88	Paul O'Reilly	ORS	poreilly@ors.ie
89	Paul Owens		
90	Peter Deavy		peterdeavy@hotmail.com
91	Peter Downes		
92	PJ Fitzpatrick	Coillte	pjfitzpatrick@coillte.ie
93	PJ Nolan	Resolutions	pjmolan@gmail.com
94	Robert Ogle	IFA / Westmeath Forestry Group	arogle@eircom.net
95	Sean Black	Grower	blacksean5@gmail.com
96	Sean McCaffrey		smccaffrey@fastmail.fm
97	Shane Pearson		shanepearson02@yahoo.co.uk
98	SJ Fallon	Private Architect	sjfallon@eircom.net
99	Thomas Flanagan		
100	Thomas Flynn	Thomas Flynn and Sons Ltd	
101	Thomas McKeon		ebmckeon@eircom.net
102	Tom Daly	Lennon and Daly	
103	Tom Knitter	SEAI	tom.knitter@ieio.ie
104	Una Doris	Meath Partnership	una.doris@meathpartnership.ie
105	Vicky Heslop		
106	Vincent Nally	WCDC	
107	Walt Hendy	N4 Skip Hire	
108	William Walsh		

109	Willie Moran		
110	David Hopkins	BESRaC	
111	Patrick Daly	BESRaC	
112	Tony Mc Cormac	WCD	
113	Caroline Moran	WCD	

**Table 13: List of Speakers of the workshop in Ireland**

	<b>Name</b>	<b>Individual or representing a company</b>	<b>Subject of speech</b>	<b>E-mail address</b>
1	Joe Potter	CEO WCD	Welcome and Introduction	jpotter@westcd.ie
2	Patrick Daly	BIOREGIONS	An introduction to the BIOREGIONS Project	<a href="mailto:pd@patrickdaly.net">pd@patrickdaly.net</a>
3	Noel Gavigan	Irish Bioenergy Association	Bioenergy in Ireland	noelgavigan@irbea.org
4	Barry Caslin	Teagasc	Bioenergy opportunities from Forestry and Farming	Barry.Caslin@teagasc.ie
5	Vicky Heaslop	Methanogen Ltd	Bioenergy opportunities from Biodegradable Waste Using Anaerobic Digestion	methanogen@eircom.net
6	Ian Mc Guinness	Roganstown Hotel and Country Club	Case Study The Hotel Users Perspective	ianmcg@roganstown.com
7	Geraldine O Sullivan	IFA Alternative Land Use	Power Demands	geraldineosullivan@ifa.ie
8	Alan Sherrard	LTC Sweden BIOREGIONS	The Swedish Experience	

## Annex 4.2: Photos from the workshop in Ireland



Figure 4.1 & 4.2 Morning Session Presentations



Figure 4.3 & 4.4 Afternoon Session Group Discussions



Figure 4.5 Guest speaker Geraldine O'Sullivan



Figure 4.6 Guest speaker Ian Mc Guinness



Figure 4.7 Guest speaker Alan Sherrard

**Bioregions workshop Ireland**  
**% REPRESENTATION BY COUNTY**

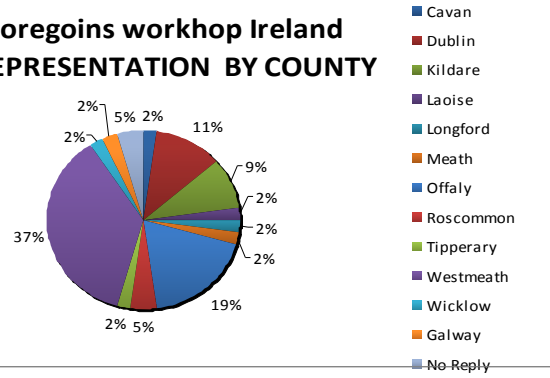


Figure 4.8 Output of the survey

## Annex 4.3: Workshop Invitation, Programme and Press Release



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



### DEVELOPING A BIOENERGY SECTOR IN THE MIDLANDS

#### BIOREGIONS Seminar and Workshop Invitation

Thursday 3<sup>rd</sup> February 2011 9.00 – 4.30

Bloomfield House Hotel, Mullingar, Co Westmeath, Ireland

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Westmeath Community Development, acting as the Irish partner in the EU BIOREGIONS project, would like to invite all stakeholders, agencies, organisations and persons active or interested in the development of Bioenergy / Biomass to attend and participate in a morning seminar and an afternoon workshop on the development of a regional Bioenergy industry in County Westmeath and the wider Midlands Region.

BIOREGIONS is an EU project, funded by Intelligent Energy Europe 2009, which aims to support the development of local / regional bioenergy markets in a number of 'Target Regions', including Co Westmeath. In addition to reduction in carbon this transition to local and regional bioenergy markets, is seen as having potential for a significant impact on the local economy and important job creation potential.

The conference will present the objectives of the BIOREGIONS project, a vision for a 'Bioenergy Region' in the Midlands and will bring together leading experts and key agencies in the field to inform and engage various stakeholders along the supply chain from growers, processors, technology providers, suppliers and potential users as well as ancillary agencies and organisations. Opportunity will be provided in the afternoon session for consultation, discussion, questions, feedback and debate.

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#### REGISTRATION

The fee for the event is covered by the BIOREGIONS project but prior registration is essential as numbers are limited. For registration please email Caroline Moran in WCD on [cmoran@westod.ie](mailto:cmoran@westod.ie)

For further information on the BIOREGIONS project Contact Patrick Daly at [pd@patrickdaly.net](mailto:pd@patrickdaly.net)

Tel 044 93 72008 or visit [www.westod.ie](http://www.westod.ie) or [www.bioregions.eu](http://www.bioregions.eu)

Project co-funded through





**BIOREGIONS Seminar and Workshop PROGRAMME for 3<sup>rd</sup> Feb 2011**

FINAL DRAFT 06<sup>th</sup> Dec 2010

**MORNING SEMINARS**

9.00	<b>Registration</b> Bloomfield House Hotel, Mullingar, Co Westmeath	Caroline Moran WCD & team
9.20	<b>Welcome and Introduction</b> By Joe Potter CEO of WCD, who will chairing the proceedings for the day.	Joe Potter CEO WCD
9.30	<b>BIOREGIONS</b> An introduction to the BIOREGIONS Project and vision for a BIOREGION in Midlands <i>Patrick Daly is a sustainable energy specialist and consultant to WCD.</i>	Patrick Daly BIOREGIONS
10.00	<b>Bioenergy in Ireland</b> An introduction to Bioenergy in Ireland and overview of the market, developments, opportunities and challenges. <i>Noel Gavigan is an engineer / advisor with the Irish Bioenergy Association</i>	Noel Gavigan Irish Bioenergy Association
10.30	<b>Bioenergy opportunities from Forestry and Farming</b> An overview of emerging Bioenergy resources and opportunities from forestry and farming in Midlands. <i>Barry Caslin is a Bioenergy expert with Teagasc.</i>	Barry Caslin Teagasc
11.00	<b>Break – Coffee / Tea</b>	
11.30	<b>Bioenergy opportunities from Biodegradable Waste</b> Using Anaerobic Digestion (AD) to realise energy and other benefits from biodegradable waste material. <i>Vicky Heaslop is an expert consultant on Anaerobic Digestion</i>	Vicky Heaslop Methanogen Ltd
12.00	<b>Case Study The Hotel Users Perspective</b> A case study of the biomass 540KW boiler installation at Roganstown Hotel and Country Club, including economic assessment, and post installation assessment. <i>Ian Mc Guinness is a hotel manger with experience of implementing a biomass system</i>	Ian Mc Guinness Roganstown Hotel and Country Club
12.30	<b>Power Demands</b> A presentation on the emerging demands for biomass in the midlands from regional power stations for co-firing and biomass plants. <i>JJ Kavanagh is Chair of the IFA's Committee for Alternative Land Use.</i>	JJ Kavanagh IFA Alternative Land Use Chair
1.00- 2.00	<b>Lunch break</b>	

**AFTERNOON WORKSHOP**

2.00	<b>The Swedish Experience</b> A presentation from a BIOREGIONS expert, mentor to the Irish target region, and a 'best practice' region in Sweden, with examples of local Bioenergy markets, solutions, supply chains and case studies. <i>Alan Sherrard is a specialist on Biomass and Forestry based in Sweden.</i>	Alan Sherrard LTC Sweden BIOREGIONS
2.30	<b>Discussion Groups</b>	Group Facilitators
3.30	<b>Open Forum</b>	Chair Joe Potter & Panel
4.30	<b>Summary and Close</b>	Chair Joe Potter





## 'Bioenergy Sector Key to Developing Local Economy and Sustainable Jobs'

### PRESS RELEASE

#### BIOREGIONS Seminar and Workshop

#### Job Creation and Developing the Local Economy – Key Benefits of Developing a Bioenergy Sector.

Over a hundred people attended the BIOREGIONS launch event and workshop on Thurs 3<sup>rd</sup> Feb, hosted by Westmeath Community Development who are acting as the Irish partner in the EU BIOREGIONS project.

Delegates were presented an overview of the BIOREGIONS project, which aims to support the development of local / regional bioenergy markets in a number of 'Target Regions' across the EU, including County Westmeath, by Bioregions consultant Patrick Daly, who reported a massive drain to the local economy due to the dependency on importing most of our energy.

Noel Gavigan of the Irish Bioenergy Association emphasised that one full time equivalent job per annum could be created by investing €6600 in bioenergy. Barry Caslin of Teagasc highlighted the massive shortfall between current and projected requirements for biomass crops stating that bioenergy crops were an important opportunity for farming enterprises. Geraldine O Sullivan of the IFA also emphasised the enormous opportunities for farmers in the Midlands presented by the Bioenergy and Biomass Targets and notably the proximity to the three peat burning power stations that are required to co-fire with biomass materials.

*Joe Potter CEO of WCD also stated that Bioenergy afforded a huge opportunity for job creation in rural areas.*

Farmer and Anaerobic Digestion specialist, Vicky Heaslop, also emphasised the socio economic benefits of Anaerobic Digestion systems in rural areas, including the costs benefits to farmers of producing a higher quality fertiliser for sale or application. Ian Mc Guinness, presented a case study on the application of a Biomass boiler into their family owned hotel, with significant energy savings making a pay back on the capital investment in just three years.

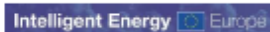
The Swedish mentors to the County Westmeath project were present on the day and reviewed the transition made by Swedish regions from oil / import dependency to energy self reliance, with Bioenergy making up a significant proportion of their current fuel use, highlighting the necessity for Irish communities to make a similar journey. Joakim Robertson from LTC Sweden expressed some shock at the overall dependency of the region on imported fuels notably oil and gas.

The workshop included discussion groups and feedback from the delegates, many of whom had specific interest in the area, including, forestry, farming / growing, business, consulting, technology supply, boilers etc. A follow on workshop is being planned for later in 2011

For further information on the BIOREGIONS project Contact Patrick Daly at [pdl@patrickdaly.net](mailto:pdl@patrickdaly.net)

or visit [www.westcd.ie](http://www.westcd.ie) or [www.bioregions.eu](http://www.bioregions.eu)

Project co-funded through



# Annex 4.4: Front Page Advert and Detailed inset in Westmeath Examiner and Westmeath Independent & Post Workshop Media Reports

...adding that as a credit situation in the west periphery of Europe. Responding to Mr. Coyle's comments on the broadband and credit situation, Minister Smith said that more needs to be done on the broadband side, but pointed out that credit has been taken on the credit situation. "That is an issue that exercises Government on a continual basis, and actually where there are banks areas treating credit applications fairly, the credit review office was established," he stated. Minister Smith concluded by saying that he would like to see more people with food technology qualifications, saying there were a number of different courses within the agricultural department to be used in the institutes of technology coming on stream.

...addition services, including a methadone clinic, GP consult rooms, addiction counselling and community clinics. According to the Mullingar Drugs Network (MDN), at least twelve people from Mullingar alone travel to Athlone to avail of the methadone programme which is currently available in St. Vincent's Hospital, and return to Mullingar Pharmacy where the prescription is filled. However the MDN say that more than that number travel to Dublin via train to buy street methadone which is unsafe and unregulated, because of the stigma attached to travelling to Athlone for the HSE programme. Speaking to the Westmeath Examiner this week, James Hennessy, Manager of the Mullingar Drugs Network said he would welcome the opening of the clinic because it would mean more support for those recovering from a heroin addiction at local level. "From our point of view we would be in favour of a clinic opening up in Mullingar because it would mean greater support for those on a methadone programme," said Mr. Hennessy. "More people travel to Dublin to purchase street methadone which is not regulated, due to the stigma attached to getting on the bus to Athlone to avail of the programme there. "It would also mean greater peace of mind because many are trying to avoid the old company they used to hang around with while on heroin, and this could be avoided if they did not have to travel to Athlone," he continued. "The more people there it

...small country on the north west periphery of Europe. Responding to Mr. Coyle's comments on the broadband and credit situation, Minister Smith said that more needs to be done on the broadband side, but pointed out that credit has been taken on the credit situation. "That is an issue that exercises Government on a continual basis, and actually where there are banks areas treating credit applications fairly, the credit review office was established," he stated. Minister Smith concluded by saying that he would like to see more people with food technology qualifications, saying there were a number of different courses within the agricultural department to be used in the institutes of technology coming on stream.

SATURDAY, JANUARY 15, 2011

## NEWS

# Moran quits Fianna run as Independent

Cllr. Moran's entry into the field will have the number of candidates in the constituency reduced to two, when senator Mary O'Rourke is nominated for the seat on a by-election on Tuesday at a Bloomfield House.

...times," he said. "The world has changed and politicians need to recognise that and adapt to meet the challenges," he stated. Cllr. Moran's entry into the field will have the number of candidates in the constituency reduced to two, when senator Mary O'Rourke is nominated for the seat on a by-election on Tuesday at a Bloomfield House. While Fianna Fail looks set to take a big hit in the general election, Cllr. Moran - now out of the party - says he will not be running for Fine Gael. Such a hugely popular candidate is likely to draw votes from his former colleague, Deputy Mayor O'Rourke, but he could also have an impact on Senator Nicky McFadden, who is running for Fine Gael. Cllr. Moran is a former Fianna Fail councillor and has made an announcement to leave the party. He is a former Fianna Fail councillor and has made an announcement to leave the party. He is a former Fianna Fail councillor and has made an announcement to leave the party.



Cllr. Moran pictured with his family at the last local elections with friend, Maurs Golden at back, and wife Michelle, with sons John, on left, and Jamie on right.

### ... on beer

### ... charges has

### ... se adjourned

... Mr. Dink is charged with stealing five kegs, value €1,000, from Martin's Lane, Mullingar on August 26; with stealing five kegs from McHardy's public house, The Barney on August 24 and with stealing five kegs from Grove Street on September 19, contrary to Section 4 of the Criminal Justice Act. All of the kegs were the property of Diageo Ireland Ltd. Judge Anderson adjourned all matters to Mullingar District Court on February 10.

**WESTMEATH COMMUNITY DEVELOPMENT**

**DEVELOPING A BIOENERGY SECTOR IN THE MIDLANDS**

Seminar and Workshop  
Invitation  
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February 2011  
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Bloomfield House Hotel,  
Mullingar,  
Co Westmeath.

See Page 9 For More Details

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Published: **Wednesday, 9th February, 2011 4:30pm**

## Over a hundred at Bioregions event hosted in Westmeath

**Over a hundred people attended the Bioregions launch event and workshop on Thursday, February 3, hosted by Westmeath Community Development who are acting as the Irish partner in the EU Bioregions project.**

Delegates were presented an overview of the Bioregions project, which aims to support the development of local/regional bioenergy markets in a number of target regions across the EU, including Westmeath by Bioregions consultant Patrick Daly, who reported a massive drain to the local economy due to the dependency on importing most of energy.

Noel Gavigan of the Irish Bioenergy Association emphasised that one full-time equivalent job per annum could be created by investing €6,600 in bioenergy.

Barry Caslin of Teagasc highlighted the massive shortfall between current and projected requirements for biomass crops stating that bioenergy crops were an important opportunity for farming enterprises.

(For more see this week's Westmeath Examiner)

Return to: [Homepage](#) | [News Index](#) | [This article](#)

# Over a hundred at Bioregions event hosted in Westmeath

## Swedish example cited at Bloomfield conference

OVER a hundred people attended the Bioregions launch event and workshop on Thursday, February 3, hosted by Westmeath Community Development who are acting as the Irish partner in the EU Bioregions project.

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Noel Gavigan of the Irish Bioenergy Association emphasised that one full-time equivalent job per annum could be created by investing €6,600 in bioenergy.

Barry Caslin of Teagasc highlighted the massive shortfall between current and projected requirements for biomass crops stating that bioenergy crops were an important opportunity for farming enterprises.

Geraldine O'Sullivan of the IFA also emphasised the enormous opportunities for farmers in the Midlands presented by the bioenergy and biomass targets and notably the prox-

a huge opportunity for job creation in rural areas.

Farmer and Anaerobic Digestion specialist Vicky Heaslop also emphasised the socio-economic benefits of anaerobic digestion systems in rural areas, including the costs benefits to farmers of producing a higher quality fertiliser for sale or application.

Ian McGuinness presented a case study on the application of a biomass boiler into their family owned hotel, with significant energy savings making a pay back on the capital investment in just three years.

The Swedish mentors to the Westmeath project were present on the day and reviewed the transition made by Swedish regions from oil/ import dependency to energy self reliance, with bioenergy making up a significant proportion of their current fuel use, highlighting the necessity for Irish communities to make a similar journey.

Joakim Robertson from LTC Sweden expressed some shock at the overall dependency of the region on imported fuels notably oil and gas.

The workshop included discussion groups and feedback from the delegates, many of whom had specific interest in the area, including, forestry, farming/growing, business,



Tony McCormack (Westmeath Community Development), Patrick Daly (Energy Consultant, Clonkill) and Joe Potter (WCD) were pictured at the BioRegions conference hosted by Westmeath Community Development at the Bloomfield House Hotel on Thursday.





**Annex 4.5: Other - scan of the List of Participants**

Name	Organisation	Email Address	Contact Number
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②

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①

(8)

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Prison Hill	Teagasc, Dublin Rd, Mullingar		

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## 5 Workshop in Latvia

### 5.1 Introduction

#### ***Time and place of the workshop:***

The 1<sup>st</sup> workshop within the framework of BioRegions project took place in two municipalities of Limbazi region: Salacgriva and Limbazi on 19<sup>th</sup> January 2011. Organizers of the workshop decided to visit two municipalities from the target region in order to cover a larger number of interested parties. The morning event took place in Salacgriva Recreation centre, Ostas Str.3, from 9-12 am. The afternoon event took place in Limbazi, building of district municipality, Rigas Str.16, from 2-6 pm.

#### ***Target Group:***

The target group of the workshop included organizations and individuals from Limbazi, Salacgriva and Aloja regions, also representatives of public organizations and tourism industry, producers and users of biofuel and other concerned persons.

### 5.2 Implementation of the Workshop

The invitation to the 1<sup>st</sup> Workshop of the BioRegions project in Latvia was published on the official websites of BioRegions project and Ekodoma. It was also sent to about 100 targeted stakeholders from Limbazi, Salacgriva and Aloja regions (to those included in stakeholder's database and others invited directly by Limbazi and Salacgriva municipalities). Totally 34 stakeholders registered for the workshop and 20 of them participated in the workshop. However, 6 participants joined the workshop without a prior registration. In total, 26 stakeholders participated in both events (20 external stakeholders, 6 Bioregions partners). Full list of participants is enclosed in Annex 5.3 of this report.

Mrs. Eija Alakangas, the representative of the BioRegions project partner VTT (Technical Research Centre, Finland), participated in both events. The VTT as a mentor of Latvian target region invited Mr. Markku Paananen from Jyväskylä University of Applied Sciences, Finland to give presentation on both workshops sharing experiences on development of bioenergy region in Central Finland in the frame of BIOCLUS project funded by the EU seventh framework programme for research and technological development.

The first part of the workshop (in Salacgriva) was opened by professor Dagnija Blumberga from Riga Technical University, Institute of Energy Systems and Environment and Dagnis Straubergs, the Mayor of municipality of Salacgriva. They introduced the audience with present situation with renewable energy in Latvia and the importance of such issues as environmental protection, energy saving, the use of alternative energy sources within the framework of sustainable development of a region.



After the opening of the workshop, a presentation of the BioRegions project, its objectives, and planned activities in Salacgriva region was held by Ms. Ilze Dzene, BioRegions project manager from Ekodoma. Afterwards Professor Dagnija Blumberga gave an overview on current situation in energy sector in Latvia, outlining energy challenges and solutions, and green energy options. During the event, representatives from Finland Markku Paananen (Jyväskylä University of Applied Sciences) and Eija Alakangas (VVT) shared their experiences on existing bioenergy regions in Finland and the lessons learned from the BioRegions survey among existing bioenergy regions in Europe.

Dagnis Straubergs, the Mayor of Salacgriva municipality, gave a presentation on green incentives of Salacgriva region, which include installation of alternative lighting in one of the children's playgrounds and installation of the first sea water heat pump station in Latvia. After the presentations an interactive discussion lead by Ilze Dzene and Dagnija Blumberga was held in order to understand and identify the interested stakeholders among the participants to take active part in the upcoming development of the action plan within the framework of BioRegions project.

The second part of the workshop (in Limbazi) was opened by Dagnija Blumberga, professor of Riga Technical University. After the opening of the workshop a presentation of the BioRegions project was held by Ilze Dzene. Afterwards professor Blumberga gave an overview on Latvian energy challenges and solutions but in this case focusing on the energy efficiency, because this is one of the main problems in Limbazi region. After that, representatives from Finland shared their experiences. In the last part of the workshop a discussion on a vision – “Limbazi region – a bioregion” – was lead by Ilze Dzene and Dagnija Blumberga.

All participants of the workshop received printed copies of presentations and the agenda, as well as BioRegions project brochure and other handouts on renewable energy and energy efficiency provided by “Ekodoma”.

The 1<sup>st</sup> Workshop of the BioRegions project was promoted via several media. A press release on upcoming events was published on National News Agency (LETA) webpage in Latvian language and further distributed through Limbazi and Salacgriva municipality web pages and regional portals (please see screenshots included in Annex 5.4 of this report).

Representatives from regional newspapers “Salacgrīvas Novada Ziņas” and “Auseklis” participated in both events and articles in these newspapers are under preparation. In Limbazi event also representative from local TV participated and Ilze Dzene, Dagnija Blumberga and Eija Alakangas gave an interview about the activities of BioRegions project that will be implemented in Limbazi region.

In order to see the situation in the region regarding bioenergy production and use, on the next day after the workshops three site visits with participation of both Finnish representatives and Ekodoma representative Ms. Ilze Dzene were organized by visiting:

- Two district heating plants owned by “Limbazu siltums” (the largest heat energy producer in Limbazi region) where woodchips are used as fuel

- Bumpo, Ltd. – a log house manufacturer and woodchips producer
- Heating plant in Salacgriva where a heat pump using sea water is installed (the first this kind of pilot/research project in Latvia).

### **5.3 Minutes of the workshop in Latvia**

#### ***Presentations – Discussions:***

The presentations part of both events was opened by Ilze Dzene, coordinator of Bioregions project in Latvia. She introduced the audience with the main objectives of the BioRegions project, involved partners, and planned activities. Also motivation for participation in bioenergy networks for all interested parties was outlined. At the end of presentation the audience was introduced to the content of the action plan that will be developed during the project implementation.

After introduction to Bioregions project in Salacgriva, Professor Dagnija Blumberga from Riga Technical University gave an overview on current situation on renewable energy challenges and solutions in Latvia. The importance of an active state renewable energy policy was highlighted as strongly necessary to maintain the implementation of renewable energy and energy efficiency goals set by the European Union. Professor Blumberga presented some technological solutions that can be used in regional energy systems and their potential including biomass, biogas, and heat pumps. At the end of presentation professor introduced the audience with an innovative heat energy generation and supply system developed in Riga Technical University, Institute of Energy Systems and Environment. This new technology is called compact solar combined system and it combines the use of solar energy and wood pellet boiler for heat supply in a multi-apartment house.

Presentation in Limbazi held by professor Blumberga was slightly different in some aspects. It was mainly focused on importance of energy efficiency in household sector which is the largest energy consumer in Latvia. Energy efficiency was highlighted as an important issue because buildings in Limbazi region are generally with low energy efficiency. As the aim of the BioRegions project is to maintain energy supply of the target region with sustainable local biomass sources, energy efficiency on the demand side has to be high enough, otherwise this high potential energy will be spent for compensating heat losses of the buildings. At the end of presentation professor Blumberga gave two positive examples on energy efficiency measures in household sector in Latvia.

Afterwards a representative from Jyväskylä University of Applied Sciences in Central Finland, Markku Paananen, presented his experience with another European project – BIOCLUS – for developing research and innovation environment in five European regions in the field of sustainable use of biomass resources. In his presentation Mr. Paananen included a brief review on energy sector in Central Finland in the past and presently, explained the development trends of the use of forest biomass fuels, and introduced the audience with the regional bioenergy strategy.

Mrs. Eija Alakangas from VVT Technical Research Centre of Finland gave an overview on a survey among existing bioenergy regions in Europe implemented in the BioRegions project. She introduced the audience with the purpose of the survey, the methods applied and limitations, as well as the main results of the questionnaire that allowed identifying the critical success factors.

In case of Salacgriva, an additional presentation was held by Dagnis Straubergs – the Mayor of Salacgriva municipality. He presented the green incentives of Salacgriva municipality (“Green declaration”) and explained the vision of city council about sustainable development of Salacgriva region. Mr. Straubergs expressed a strong willingness to continue the initiated direction towards Salacgriva being a “green” region.

After the presentations some questions and discussions were raised. Questions addressed for professor Blumberga were about specific renewable energy technologies and problems related to renovation of buildings. Markku Paananen was asked, if all energy resources for power plants in Central Finland are obtained from local sources or are they partly imported. A discussion was held at the end of each event in order to identify the stakeholders that are ready to be actively involved in the preparation of the action plan.

### ***Outcomes:***

Participants of the workshop in Salacgriva showed an interest in taking part in the development process of the action plan. They were willing to participate in workgroups. It has been agreed that it is necessary first to identify and describe the existing situation about the energy consumption in the region because currently it is dissipated over various institutions. Afterwards specific tasks can be defined.

Participants of the workshop in Limbazi first were asking for additional clarification on the main objective of the project and how the work will be organized. Representatives from SMEs stressed that the first initiative should come from the municipality and that communication between them and municipality plays an important role. Otherwise, if there is no such communication, good ideas coming from the side of SMEs could be later rejected by the municipality. Everybody agreed that it is necessary to develop a workgroup and that the “key player” should be the municipality. It was decided that first it is necessary to inform society about the vision of the project (information in the home page of municipality) so that all interested parties could participate in the phase of development of the action plan. Consequently, the first task would be the publication of the action plan template in the web page of Limbazi municipality. The second task would be collection of information about the existing situation in the energy sector in Limbazi region.

## 5.4 Agenda of the workshop in Latvia

### **When:**

Wednesday 19<sup>th</sup> of January 2011 from 8:30 to 12:00 (Salacgriva) and from 13:30 to 18:00 (Limbazi)

### **Where:**

- 1) T Salacgriva, recreation centre, Ostas Str.3, Latvia
- 2) Limbazi, building of district municipality, Rigas Str.16, Latvia

### **Contact persons:**

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 Latvia

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**Table 14 : Agenda of the workshop in Latvia**

Date: Wednesday, 19 <sup>th</sup> of January 2010, Salacgriva		
Time	Content	Responsible
08:30 – 09:00	Registration, morning coffee	
09:00 – 09:10	Workshop Opening	D.Blumberga (Riga Technical University), D.Straubergs (Municipality of Salacgriva)
09:10 – 09:25	Introduction to BioRegions project and Planned Activities in Salacgriva Region	I.Dzene (Ekodoma)
09:25 – 09:45	Energy Challenges and Solutions. Green Energy Options	D.Blumberga (Riga Technical University)
09:45 – 10:10	Bio-region in Finland	M.Paananen (JAMK)
10:10 – 11:25	“Green initiatives” of Salacgriva municipality	D.Straubergs (Municipality of Salacgriva)
11:25 – 10:40	Coffee break	
10:40 – 11:00	Bio-regions in Europe. The benefits of participation in bio-regions network	E.Alakangas (VTT)

11:00 – 11:30	Discussion on a vision “Salacgriva region as a bio-region”	I.Dzene, D.Blumberga (Riga Technical University)
11:30 – 12:00	Workshop summary and closing	I.Dzene (Ekodoma)
Date: Wednesday, 19 <sup>th</sup> of January 2010, Limbazi		
<b>Time</b>	<b>Content</b>	<b>Responsible</b>
13:30 – 14:00	Registration, afternoon coffee	
14:00 – 14:10	Introduction to BioRegions project and Planned Activities in Limbazi Region	I.Dzene (Ekodoma)
14:10 – 14:25	Energy challenges and solutions. Energy efficiency	D.Blumberga (Riga Technical University)
14:25 – 14:50	Bio-region in Finland	M.Paananen (JAMK)
14:50 – 15:15	Coffee break	
15:15 – 16:00	Bio-regions in Europe. The benefits of participation in bio-regions network	E.Alakangas (VTT)
16:00 – 16:30	Discussion about a vision “Limbazi region as a bio-region”	I.Dzene (Ekodoma), D.Blumberga (Riga Technical University)
16:30 – 17:00	Workshop summary and closing	I.Dzene (Ekodoma)
17:00 – 18:00	Informal discussions	ALL

## Annex 5.1: Participants – Speakers of the workshop in Latvia

**Table 15: List of Participants of the workshop in Latvia**

	Name	Individual or representing a company	E-mail address
<b>Workshop in Salacgriva</b>			
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4	Ilze Dzene	Ekodoma, Ltd.	ilze@ekodoma.lv
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6	Vineta Krūze	University of Latvia	vinetakruze@inbox.lv
7	Markku Paananen	JAMK university of applied sciences	markku.paananen@jamk.fi
8	Gintārs Rubenis	North Vidzeme Bioshere Reserve	gintars.rubenis@daba.gov.lv
9	Dagnis Straubergs	Chairman of municipality of Salacgriva	dagnis.straubergs@salacgriva.lv
10	Ilga Tiesnese	Municipality of Salacgriva	ilga.tiesnese@salacgriva.lv
11	Juris Zālītis	Tourism information centre of Salacgriva municipality	saltic.juris@salacgriva.lv
12	Diāna Krogzeme	Krogzeme, Ltd.	diana@krogzeme.lv
13	Mārtiņš Pelšs	Farm "Veldzes"	martinsp@ekodoma.lv
14	Tomass Lemberts	Director of Salacas Terminals, Ltd.	tomass@salacas-terminals.lv
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18	Agris Bērziņš	Lietaskoki, Ltd.	lietaskoki@tvnet.lv
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22	Andrejs Krogzems	Krogzeme, Ltd.	-



23	Viesturs Krūzenbergs	Bumpo, Ltd.	-
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29	Agris Lācis	Individual	agrisl@lvdats.lv
30	Līga Liepiņa	Limbazi regional newspaper "Auseklis"	liga@auseklis.lv
31	Valters Mardoks	Limbazu siltums, Ltd.	-

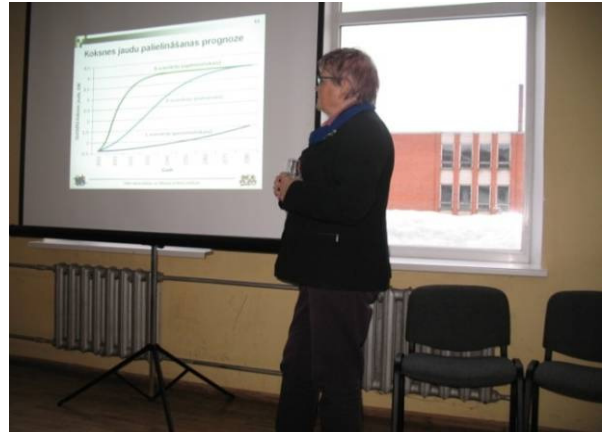
**Table 16: List of Speakers of the workshop in Latvia**

	<b>Name</b>	<b>Individual or representing a company</b>	<b>Subject of speech</b>	<b>E-mail address</b>
1	Ilze Dzene	Ekodoma, Ltd.	General information about BioRegions project	ilze@ekodoma.lv
2	Dagnija Blumberga	Riga Technical University	Renewable energy policy, potential and technologies in Latvia; energy efficiency	dagnija.blumberga@rtu.lv
3	Eija Alakangas	VTT Technical Research Centre of Finland	Report on Bioregions best practice survey in Europe	eija.alakangas@vtt.fi
4	Markku Paananen	JAMK university of applied sciences	An example on a bioregion in Central Finland	markku.paananen@jamk.fi
5	Dagnis Straubergs	Chairman of municipality of Salacgriva	Green initiatives in Salacgriva municipality	dagnis.straubergs@salacgriva.lv

## Annex 5.2: Photos from the workshop in Latvia



**Figure 5.1** Salacgriva Mayor opening the workshop



**Figure 5.2** Professor Dagnija Blumberga giving presentation in Salacgriva workshop



**Figure 5.3** Participants of Salacgriva workshop



**Figure 5.4** Participants of Salacgriva workshop during the coffee break



**Figure 5.5** Professor Dagnija Blumberga opening the workshop in Limbazi



**Figure 5.6** Participants of Limbazi workshop



**Figure 5.7** Ilze Dzene giving an interview for the Limbazi regional television



**Figure 5.8** Handout materials



**Figure 5.9** Eija Alakangas and Markku Paananen visiting Limbazi district heating plants



**Figure 5.10** Executive director and technical engineer of Salacgriva municipality next to the sea water heat pumps in municipal heating plant



**Figure 5.11 & 5.12** Visiting family owned log house and woodchips production plant Bumpo, Ltd. in the rural territory of Limbazi





## Annex 5.3: Press releases in Latvia

### PRESES RELĪZES

Drukāt | Nosūtīt ziņu



### Seminārs un diskusija par Limbažu kā zaļās enerģijas reģiona veidošanas iespējām

Publicēta: 11:39 07.01.2011.

2011.gada 7.janvāris.

Informāciju sagatavoja Ilze Dzene, SIA "Ekodoma" projektu vadītāja.

Trešdien, 2011.gada 19.janvārī SIA "Ekodoma" sadarbībā ar Limbažu un Salacgrīvas novadu pašvaldībām organizē semināru un diskusiju par Limbažu (bijušā Limbažu rajona teritorija) kā zaļās enerģijas reģiona veidošanu. Semināru atbalsta Eiropas Komisija programmas Intelligent Energy Europe projekta BioRegions (IEE/09/769/SI2.558258) ietvaros.

Semināra mērķis ir demonstrēt iespējas, kuras zaļās enerģijas ražošana un izmantošana sniedz novadu uzņēmējiem, kokapstrādes un mežsaimniecības nozarei, lauksaimniecības nozarei, pašvaldībām, sabiedriskām organizācijām, tūrisma nozarei un ikvienam iedzīvotājam. Seminārā piedalīsies lektori no Somijas, kas dalīsies pieredzē par bioenerģijas reģionu veidošanu Somijā un ieguvumiem iesaistītajām pusēm.

Saskaņā ar BioRegions projekta definīciju, zaļās enerģijas jeb bio-reģiona mērķis ir vismaz vienu trešdaļu no enerģijas vajadzībām (izņemot enerģiju transportam) nodrošināt no reģionā pieejamiem un ilgtspējīgiem biomasas avotiem.

Seminārā aicināti piedalīties Limbažu, Salacgrīvas un Alojās novadu uzņēmēji, sabiedrisko organizāciju pārstāvji, tūrisma nozares pārstāvji, biomasas kurināmā ražotāji un lietotāji, kā arī jebkurš interesents.

Seminārs no 9:00-12:00 tiks organizēts Salacgrīvas kultūras namā, bet pēcpusdienā - no 14:00-17:00 seminārs notiks Limbažu novada pašvaldības ēkā Rīgas ielā 16. Savu dalību kādā no semināriem lūdzam pieteikt līdz 2011.gada 14.janvārim, sūtot e-pastu uz [ilze@ekodoma.lv](mailto:ilze@ekodoma.lv) vai zvanot pa telefonu 67323212.

Dalība seminārā ir bez maksas.

Papildu informācijai lūdzam sazināties ar BioRegions projekta koordinatori Latvijā:

Ilze Dzene

SIA "Ekodoma" projektu vadītāja,

tel.67323212,

fakss 67323210

e-pasts: [ilze@ekodoma.lv](mailto:ilze@ekodoma.lv)

[www.ekodoma.lv](http://www.ekodoma.lv)

[www.bioregions.eu](http://www.bioregions.eu)

Preses relīze LETA

07.01.2011

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[Latvian](#) [English](#) [Russian](#)

energoefektivitāte



- [Jaunumi](#)
- [Par mums](#)
- [Pakalpojumi](#)
- [Projekti](#)
- [Semināri](#)
- [Grāmatnīca](#)
- [Kontakti](#)

### Semināri

Seminārs un diskusija par Limbažu kā zaļās enerģijas reģiona veidošanas iespējām

Trešdien, 2011. gada 19. janvārī SIA „Ekodoma” sadarbībā ar Limbažu un Salacgrīvas novadu pašvaldībām organizē semināru un diskusiju par Limbažu (bijušā Limbažu rajona teritorijā) kā zaļās enerģijas reģiona veidošanu. Semināru atbalsta Eiropas Komisija programmas Intelligent Energy Europe projekta BioRegions (IEE/09/769/SI2.558258) ietvaros.



Semināra mērķis ir demonstrēt iespējas, kuras zaļās enerģijas ražošana un izmantošana sniedz novadu uzņēmējiem, kokapstrādes un mežsārdes nozarei, lauksaimniecības nozarei, pašvaldībām, sabiedriskām organizācijām, tūrisma nozarei un ikvienam iedzīvotājam. Seminārā piedalīsies lektori no Somijas, kas dalīsies pieredzē par bioenerģijas reģionu veidošanu Somijā un ieguvumiem iesaistītajām pusēm.

Saskaņā ar BioRegions projekta definīciju, zaļās enerģijas jeb bio-reģiona mērķis ir vismaz vienu trešdaļu no enerģijas vajadzībām (izņemot enerģiju transportam) nodrošināt no reģionā pieejamiem un ilgtspējīgiem biomasas avotiem.

Seminārā aicināti piedalīties Limbažu, Salacgrīvas un Alojās novadu uzņēmēji, sabiedrisko organizāciju pārstāvji, tūrisma nozares pārstāvji, biomasas kurināmā ražotāji un lietotāji, kā arī jebkurš interesents. Seminārs no 9:00-12:00 tiks organizēts Salacgrīvas kultūras namā, bet pēcpusdienā – no 14:00-17:00 seminārs notiks Limbažu novada pašvaldības ēkā Rīgas ielā 16. Savu dalību kādā no semināriem lūdzam pieteikt līdz 2011. gada 14. janvārim, sūtot e-pastu uz [ilze@ekodoma.lv](mailto:ilze@ekodoma.lv) vai zvanot pa telefonu [67323212](tel:+37167323212).

Dalība seminārā ir bez maksas.

[Semināra dienas kārtība \(pdf dokuments\)](#)

Papildus informācijai lūdzam sazināties ar BioRegions projekta koordinatori Latvijā.

Ilze Dzene  
SIA „Ekodoma” projektu vadītāja,  
tel: [67323212](tel:+37167323212), fakss: [67323210](tel:+37167323210)  
e-pasts: [ilze@ekodoma.lv](mailto:ilze@ekodoma.lv)  
[www.ekodoma.lv](http://www.ekodoma.lv)  
[www.bioregions.eu](http://www.bioregions.eu)








## Annex 5.4: Media reports in Latvia

The screenshot displays the website for Limbažu Novads. At the top, there is a banner with the text "LIMBAŽU NOVADS" and a background image of a rural landscape. Below the banner is a navigation bar with "Sākumlapa" and a date "otrdiena, 11. janvāris".

The main content area features a news article titled "Seminārs un diskusija par Limbažu novada kā zaļās enerģijas reģiona veidošanas iespējām". The article text includes:

**Seminārs un diskusija par Limbažu novada kā zaļās enerģijas reģiona veidošanas iespējām**  
 | [Esiet sveicināti Limbažu novadā!](#) / [Jaunumi](#) / [Novads](#) /  
 Seminārs un diskusija par Limbažu novada kā zaļās enerģijas reģiona veidošanas iespējām  
 07.jan 2011

Trešdien, 19.janvārī, SIA „Ekodoma” sadarbībā ar Limbažu novada pašvaldību organizē semināru un diskusiju par Limbažu novada kā zaļās enerģijas reģiona veidošanu. Semināru atbalsta Eiropas Komisija programmas Intelligent Energy Europe projekta BioRegions (IEE/09/769/SI2.558258) ietvaros.

Semināra mērķis ir demonstrēt iespējas, kuras zaļās enerģijas ražošana un izmantošana sniedz novada uzņēmējiem, kokapstrādātājiem, pašvaldībai, sabiedriskām organizācijām, tūrisma nozarei un ikvienam iedzīvotājam. Seminārā piedalīsies arī lektori no Somijas, kas dalīsies pieredzē par bioenerģijas reģionu veidošanu Somijā un ieguvumiem iesaistītajām pusēm.

Saskaņā ar BioRegions projekta definīciju, zaļās enerģijas jeb bio-reģiona mērķis ir vismaz vienu trešdaļu no enerģijas vajadzībām (izņemot enerģiju transportam) nodrošināt no reģionā pieejamiem un ilgtspējīgiem biomasas avotiem.

Seminārā aicināti piedalīties Limbažu un apkārtnē esošu novadu uzņēmēji, sabiedrisko organizāciju pārstāvji, tūrisma nozares pārstāvji, biomasas kurināmā ražotāji un lietotāji, kā arī jebkurš interesents.

Seminārs notiks Limbažu novada pašvaldības ēkā Rīgas ielā 16 no plkst.14:00 – 17:00. Savu dalību lūdzam pieteikt līdz 2011.gada 14.janvārim, sūtot e-pastu uz [ilze@ekodoma.lv](mailto:ilze@ekodoma.lv) vai zvanot pa telefonu [67323212](tel:67323212).

Dalība seminārā ir bez maksas.

Papildus informācijai lūdzam sazināties ar BioRegions projekta koordinatori Latvijā: Ilze Dzene SIA „Ekodoma” projektu vadītāja, tel.67323212, e-pasts: [ilze@ekodoma.lv](mailto:ilze@ekodoma.lv) [www.ekodoma.lv](http://www.ekodoma.lv) [www.bioregions.eu](http://www.bioregions.eu)

On the right side of the page, there is a search bar labeled "Meklēšana:" with a "Meklēt" button and a "Izvērstā meklēšana" link. Below it is a "Kalendārs" section showing a calendar grid for January 2011, with the 11th highlighted. There is also a "ZL Uzziņas HOTLINE Limbažu apkaimē" logo.

The bottom part of the screenshot shows a browser window with the URL "http://www.limbazi.lv/public/". The page content includes a sidebar with navigation links like "Nodarbinātība", "Vakances", "Draudžu dzīve", "Limbažu novada zīmols", "TV Limbaži", "Autobusu saraksts", and "Atjaunojamie energoresursi". The main content area features several news items:

- Nedēļas nogale Limbažu novadā** (Novads) 07/01/2011. [Lasīt vairāk >>](#)
- Seminārs un diskusija par Limbažu novada kā zaļās enerģijas reģiona veidošanas iespējām** (Novads) 07/01/2011. [Lasīt vairāk >>](#)
- Aicina uz Latvijas sniega talku** (Novads) 07/01/2011. [Lasīt vairāk >>](#)
- Sniegs apgrūtina atkritumu savākšanu** (Vide) 06/01/2011. [Lasīt vairāk >>](#)
- Šodien notiks ārkārtas apvienotā komiteju sēde** (Novads) 06/01/2011. [Lasīt vairāk >>](#)

There are also several promotional banners and logos, including "ledzīvotāju apkalpošanas punkts Limbažos, Rīgas ielā 16, 1.stāvā, tālr.64023003", "Rīgas plānošanas reģiona ES struktūrfondu informācijas centrs", "Bez maksas informācija un konsultācijas", "ZAAO", "NAP Nacionālais attīstības plāns", and "Limbaži 24.lv".



Limbaži :: Zinas Limbažos :: Sabiedrība :: Nākamnedēļ Limbažos notiks diskusija par novada kā zaļās enerģijas reģiona veidošanas iespējām - Microsoft Internet Explorer p

http://www.limbazi24.lv/zinas/48/60401

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Favorites Free Hotmail Web Slice Gallery

Limbaži :: Zinas Limbažos :: Sabiedrība :: Nākamnedēļ ...

**Limbaži 24.lv** Reģistrēties Ielogoties

Sākums Zinas Notikumi Katalogs Sludinājumi Forums Video Galerijas Cilvēki Par mūsu

Ziņu sākumlapa

Sabiedrība

Ekonomika

Sports »

Izklāde »

Izglītība

Dzīvesstils

Vidzemes TV

Kriminālziņas

Temati

TOP ziņas **Jaunums**

Šodien

Vakar

7 dienās

Ievietot ziņu

Pirmdienā, 10.janvāris (2011), 07:41, www.limbazi.lv

## Nākamnedēļ Limbažos notiks diskusija par novada kā zaļās enerģijas reģiona veidošanas iespējām

Ziņa 0 Komentāri

Facebook Share Tweet 2 Atzīmēt Izdrukāt



Foto: Fototika

Trešdien, 19.janvārī, SIA "Ekodoma" sadarbībā ar Limbažu novada pašvaldību organizē semināru un diskusiju par Limbažu novada kā zaļās enerģijas reģiona veidošanu. Semināru atbalsta Eiropas Komisija programmas Intelligent Energy Europe projekta BioRegions (IEE/09/769/SI2.558258) ietvaros.

Semināra mērķis ir demonstrēt iespējas, kuras zaļās enerģijas ražošana un izmantošana sniedz novada uzņēmējiem, kopapstrādātājiem, pašvaldībai, sabiedriskām organizācijām, tūrisma nozarei un ikvienam iedzīvotājam. Seminārā piedalīsies arī lektori no Somijas, kas dalīsies pieredzē par bioenerģijas reģionu veidošanu Somijā un ieguvumiem iesaistītajām pusēm.

Saskaņā ar BioRegions projekta definīciju, zaļās enerģijas jeb bio-reģiona mērķis ir vismaz vienu trešdaļu no enerģijas vajadzībām (izņemot enerģiju transportam) nodrošināt no reģionā pieejamiem un ilgtspējīgiem biomasas avotiem.

Seminārā aicināti piedalīties Limbažu un apkārtnējo novadu uzņēmēji, sabiedrisko organizāciju pārstāvji, tūrisma nozares pārstāvji, biomasas kurināmā ražotāji un lietotāji, kā arī jebkurš interesents.

Seminārs notiks Limbažu novada pašvaldības ēkā Rīgas ielā 16 no plkst.14.00 – 17.00. Savu dalību lūdzam pieteikt līdz 2011.gada 14.janvārim, sūtot e-pastu uz ilze@ekodoma.lv vai zvanot pa telefonu **67323212**.

Dalība seminārā ir bez maksas.

Saite: <http://www.limbazi24.lv/zinas/48/60401>

### Zinas komentāri (0)

Komentēt

http://www.visitlimbaži.lv/?s=1232501093&fu=read&id=412&start=1&open=1&ln=lv

File Edit View Favorites Tools Help

Favorites Free Hotmail Web Slice Gallery

Limbažu TIC: Aktualitātes

Otrdienā, 11.janvāris 09:30:30



**LIMBAŽU TŪRISMA INFORMĀCIJAS CENTRS**

AKTUĀLI PASĀKUMI ENG DE RU EE LT Karte Meklēt

### Seminārs par Limbažu novada kā zaļās enerģijas reģiona veidošanas iespējām

Uzaicinām Jūs piedalīties seminārā par Limbažu novada kā zaļās enerģijas reģiona veidošanas iespējām.

Semināru 2011.gada 19.janvārī organizē SIA Ekodoma sadarbībā ar Limbažu novada pašvaldību.

Papildus informāciju un dienaskārtību lejupielādēt šeit

Lūdzam savu dalību pieteikt līdz 14.janvārim, sūtot e-pastu uz ilze@ekodoma.lv vai zvanot pa telefonu **67323212**.

Piesakoties, lūdzam norādīt savu vārdu, uzvārdu un kontaktinformāciju. Dalība seminārā ir bez maksas.

Informācija:

Ilze Dzene  
SIA "Ekodoma" projektu vadītāja

Tāl.67323212  
Mob.26438212  
Fakss **67323210**

Publicēts: 10/01/2011  
ilze@ekodoma.lv




**Limbažu Novads**  
Pilsētas pašvaldība

**Aktualitātes**

- Limbažu novada stils
- Naktsmitnes
- Par Limbažiem
- Apskates objekti Limbažos
- Apskates objekti novadā
- Noderīga informācija
- Ēdināšanas iespējas
- Telpas semināriem
- Maršruti
- Ko darīt?
- Jaunlaulātajiem
- Informatīvie materiāli



**SALACGRĪVAS NOVADS**



LAT RUS ENG

12.01.2011, Trešdiena  
Reina, Reinholds, Reinis, Renāts






Tūristiem Novada uzņēmēji Kontakti Salacgrīvas nov


**Novada pašvaldība**

- Dome
- Administrācija
- Projekti
- Iepirkumi
- Novada iestādes
- Zajais novads
- Izglītība
- Kultūra
- Sports
- NVO
- Jauniešiem
- Makšķermiekiem
- Saziņa ar domi
- Video
- Galerija
- Iznomāt pašvaldības zemi
- Uzņēmējiem
- Zemniekiem un zvejniekiem
- Biedrība Jūrkante



 teksta izmērs
 
 drukāt

**Seminārs un diskusija par Salacgrīvas novada kā zaļās enerģijas reģiona veidošanas iespējām**

Trešdien, 2011.gada 19.janvārī SIA „Ekodoma” sadarbībā ar Salacgrīvas novada pašvaldību organizē semināru un diskusiju par Salacgrīvas novada kā zaļās enerģijas reģiona veidošanu.




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Seminārā aicināti piedalīties Salacgrīvas novada uzņēmēji, sabiedrisko organizāciju pārstāvji, tūrisma nozares pārstāvji, biomasas kurināmā ražotāji un lietotāji, kā arī jebkurš interesents.

Seminārs notiks Salacgrīvas kultūras namā no plkst 9:00 – 12:00. Savu dalību lūdzam pieteikt līdz 2011.gada 14.janvārim, sūtot e-pastu uz [lize@ekodoma.lv](mailto:lize@ekodoma.lv) vai zvanot pa telefonu  67323212 .

Dalība seminārā ir bez maksas.

**Novada pasāki**

*pēc 1 dienas*  
**Pedagoģiski medi komisijas sēde Air**

*pēc 3 dienām*  
**Filma par Hugo Le 1**

*pēc 4 dienām*  
**OC "Limbaži" čempionāts basketbolā**

**OC "Limbaži" čempionāts basketbolā 1.līga**

*pēc 5 dienām*  
**Filmas "Kaupēns" Salacgrīvas kultūr**

→ visi pasākumi

«
Janvār

3 4 5 6



5 • 2011. gada 1. februāris

## Pašvaldībās

## Bijušo Limbažu rajonu iesaista zaļā projektā

19. janvārī Limbažos notika SIA *Ekodoma* (inženierkonsultatīva firma, kuras galvenie virzieni ir tautsaimniecība, enerģētika, vide un ekonomika) rīkots seminārs un diskusija par Limbažu novada kā zaļās enerģijas reģiona veidošanu. Šī aktivitāte notiek saistībā ar Eiropas Komisijas programmas *Intelligent Energy Europe* projektu *BioRegions*.

Semināra uzdevums bija demonstrēt iespējas, ko zaļās enerģijas ražošana un izmantošana sniedz novada uzņēmējiem, kokapstrādātājiem, pašvaldībai, sabiedriskām organizācijām, tūrisma nozarei un ikvienam iedzīvotājam. Limbažu seminārā piedalījās gan nevalstisko organizāciju un pašvaldības pārstāvji, gan vienlīdzīgi interesenti. Jāteic, ka bijušais Limbažu rajons tam izvēlējās, jo SIA *Ekodoma* šeit piedalījies daudzos projektos, turklāt tie, it īpaši Salacgrīvas novadā, jau ir iestrādātie atjaunojamie enerģoresursu izmantošana.

*Ekodoma* projektu vadlīnija un *BioRegions* projekta koordinatore Latvijā Ilze Dzene klātesošos iepazīstināja ar pašu projektu. Saskaņā ar tā definīciju, zaļās enerģijas jeb bioreģiona mērķis ir vismaz vienu trešdaļu no enerģijas vajadzībām (izņemot enerģiju transportam, kā tas nolemis starptautiskā līmenī) nodrošināt no reģionā pieejamiem un ilgtspējīgiem biomasas (organiskās izcelsmes resursus, piemēram, kokneses atlieku, kuru enerģija ķīmiskās pārveides rezultātā tiek pārveidota siltuma, mehāniskajā un elektriskajā enerģijā) avotiem. Kopumā projektā iesaistīti 13 partneri no 10 Eiropas valstīm. Vācijā un Zviedrijā ir 2 labas prakses reģioni, kas ir arī projekta idejas autori un iniciatori. Tie veiksmīgi attīstījuši šo sistēmu un grib savu pieredzi pārnest uz citām valstīm - Bulgārijai, Čehijai, Francijai, Īrijai un Latvijai. Ja viss izdosies, iespējams, vēlāk citi braukot gūt pieredzi šeit.

Projekts ilgs līdz 2015. gada novembrim. Tā kopējais budžets visām dalībvalstīm ir 1,12 milj. eiro, no tiem Latvijai - bijušajam Limbažu rajonam - rēķinās plāna izstrādi un pirmo soli veikšanai atvēlēti 60 tūkstoši. Šajā laikā jāgūti pieredze, mēģinājumi 5 reģionos ieviest darbu, un, galvenais, jāizstrādā savas rēķinās plāns, lai reģions taptu zaļāks. - *Mums ir resursi, bet tie jāizmanto ilgtspējīgi, lai paši es spētu nodrošināt siltumu un energoapgādi, - uzsvēra I. Dzene. Bioenerģijas tīklu veido dažādas organizācijas vai to pārstāvji. Turklāt viens no centrālajiem posmiem esot tieši pašvaldība. Protams, arī finansēšanas iestādes, nevalstiskās un sabiedriskās organizācijas, mediji, tāpat lauksaimnieku, mežsaimnieku, zemnieku organizācijas un grupas. - Loti svarīgi, lai piedalītos vietējie kurināmā ražotāji. Tiem obligāti nav jābūt šķelās vai granulā ražotājiem, bet ikviens, kam rodas kokneses atkritumi, ko var pārveidot par kurināmo enerģijas ieguvē. Visu ieinteresēto dalībnieku sadarbība veicina reģionālo attīstību, palīdz palielināt konkurētspēju un samazināt atkarību no enerģijas importa, - stāstīja I. Dzene.*



Limbažu fonda valdes priekšsēdētāja Spidola Lielmane (no kreisās) ar lektori Eiju Alakangas no Somijas pārspriež zaļās enerģijas iespējas Limbažu novadā

Tāpat svarīgākais - radīt plānu, kā samazināt enerģijas patēriņu un palielināt atjaunojamie enerģoresursu lpatvaru tieši bijušajā Limbažu rajonā. Tas būs oficiāls dokuments, ko pēc sabiedriskās apspriešanas apstiprināšot attiecīgā pašvaldībā.

Rīgas Tehniskās universitātes Enerģētikas un elektrotehnikas fakultātes Vides aizsardzības un siltuma sistēmu institūta direktore Dagnija Blumberga informēja par dažādām atjaunojamie enerģoresursu ieguves iespējām. Viena no tām - saules kolektori. Tā esot Latvijas nākotne. Turklāt ar 2012. gada septembri elektriskie sildītāji un ūdens boileri, tāpat kā tagad kvēlspuldzes, tiksot izņemti no apgrozības. Tādējādi viņa it īpaši aicina saaukstības privātmāju īpašniekus. Klimata pārmaiņu finanšu instrumenti aicina mājāsaimniecības pāriet no fosilā kurināmā uz atjaunojamiem resursiem. Vēl D. Blumberga pievērsās energoefektivitātei - ko enerģijas lietotājam darīt, lai samazinātu enerģijas patēriņu. Latvijā lielākais patēriētājs ir mājāsaimniecības - aptuveni 35% no kopējā enerģijas patēriņa. Kā paaugstināt energoefektivitāti daudzdzīvokļu mājās? - *Siltumzudumus rada, piemēram, pa fas, ka netiek kārtīgi aizvērtas ārdurvis. Ja ēku nosiltināmu, enerģijas patēriņu samazinātu. Bet arī katram pašam jārikojas. Iedzīvotājiem jādomā, kā samazināt siltuma zudumus, piemēram, neturēt valā logus pannaikt, - stāstīja eksperte. Ja ir augsta būvniecības kvalitāte, siltumenerģijas ietaupījums varot būt pat 50%.*

Seminārā uzstājās arī Somijas pārstāvji Marku Pīnānens un Eija Alakangas no Lietišķo zinātņu universitātes. Viņi pastāstīja par sava reģiona ilgo un veiksmīgo pieredzi biomasas izmantošanā enerģijas nodrošināšanai. Savukārt I. Dzene minēja, ka Somija Latvijai ir gluži kā mentors - padomdevējs, kas bijušo Limbažu rajonu atbalstījis pilnā izstrādes un ieviešanas gaitā, savu veiksmīgo pieredzi cenšoties īstenot arī pie mums. M. Pīnānens stāstīja, ka viņa valstī siltumapgādes nodrošināša-

nai biomasas izmanto 23 no 25 pašvaldībām. Šobrīd tur gadā no vietējiem resursiem saražo 10 teravatstundu bioenerģijas gadā. Tas nosedzot pusi no kopējā enerģijas (arī transporta) patēriņa. E. Alakangas iesaistījusies dažādu bioreģionu pārstāvju aptaujā, lai iegūtu un apkopotu pieredzi turpmākiem pētījumiem. Vieslektori uzsvēra, ka ļoti svarīgas ir sabiedriskās attiecības, vietējie mediji. Iesaistītajām pusēm savstarpēji jākomunicē, lai panāktu labāku rezultātu.

Šāds seminārs todien notika arī Salacgrīvā. Tiesa, ja Limbažos uzsvārs tika lūgts uz energoefektivitāti ēkās, Salacgrīvā vairāk akcentēja atjaunojamie enerģoresursus - biomasas izmantošanu, arī saules un vēja enerģiju. Ar stāstījumu par Salacgrīvas novada *Zaļo* deklarāciju uzstājās arī novada domes priekšsēdētājs Dagnis Straubergs. Tika stāstīts par jūras siltumprojekti, par novadā esošajiem vēja ģeneratoriem un aktivitātem, kas veiktas, lai Salacgrīva kļūtu par *zaļo* novadu. Tā kā projekta darbības mērķis ir viss bijušais rajons, uzsemināriem bija aicināti arī Alakangas novada pārstāvji. Viņi gan neatsaucās. Semināra organizatori un projekta koordinatori tomēr cer, ka alojēsī pievienosies turpmākajās aktivitātēs.

Semināra noslēgumā tika meklēti tie, kas būtu gatavi piedalīties rēķinās plāna izstrādē, tū teikt, darba grupā. SIA *Ekodoma* būs šīs grupas eksperti un padomdevēji, analizēs radušās idejas. Salacgrīvā to izveidot izdevās, kā kontaktpersonas sadarbībai izvēlēt arhitekts Gunts Kārklis un Tūrisma informācijas centra vadītājs Juris Zālītis. Limbažos izvērsās sprauga diskusija par informācijas nepietiekamību un to, ka nav vietas sarunu rīkošanai. Attīstības nodaļas vadītājs Ģirts Ieļeja solīja gan aicināt cilvēkus piedalīties darba grupā, gan atvēlēt telpas, kur uz prātu vētru sānākt kopā ar *Ekodoma* pārstāvjiem.

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## Auseklis

## Gaviļnieki

Sveicam Brigitas, Indras, Indrus, Indarus, Spidolas, Sonoras un visus, kam šajās dienās jubilejas!



## Darba mūžs veltīts citu drošībai

Rīdienes jubiliārs Edmunds ROZĪTIS Vidrižu pagasta *Sēļās* ir iemēģis no Turaidas. Tur ilgu gadus dzīvojis blakus Murjāņu sporta internātskolai, līdz māja atdota īpašniekam. Tad abi ar sievu Skaidrīti pārceļusies tuvāk meitas dzīvesvietai. Edmundam ģimenē ir vairākas kopīgas svinamas jubilejas. Piemēram, viņi ar sievu dzimuši vienā gadā un mēnesī, ir skolasbiedri. Vēlāk, strādājot iekšlietu sistēmā, radušies savstarpēja patika. Tā sagādājies, ka laulība slēgta 1. februārī. Edmunds smeļ, ka pēc kāzu nakts pamodies jau gadu vecāks. Kopā nodzīvota vairāk nekā puse gadsimta. Vārētu mēģināt sarakstīt sadzīvošanas receptu grāmatu. Vai 76 gadi dzīves bagātā ir daudz. Rozītis neapņē. Kā sacītu Karlsons, tie visi ir labākie.

Jubiliāra bērniņas puse ir Sēja, kur vecāki nodarbojušies ar lauksaimniecību. Tomēr no vienīgā dēla zemkopis neiznāca, Edmunda darba mūžs aizritējis drošības sistēmā. Pēc Turaidas skolas absolvēšanas viņš iestājies darbā mašīnu un traktoru stacijā, pēc neilga laika sekoja torēz obliģātās karlaudasības gadi. Dienesta laikā Edmunds nokļuvis gaisa desanta pulkā Kostromā. Vidējo izglītību jubiliārs ieguva, mācoties vakarskolā Rīgā, kad jau bijis milicis Siguldā. Tur nostrādājis līdz izdienas pensijai. Jubiliārs atceras, ka sākumā algā saņēmis 50 rubļu, bet par tiem varējies nopirkt daudz vairāk nekā šodien par 100 latiem. Pirmajos 3 darba gados viņš bijis konvoja darbinieks, pēc tam kļūvis par operatīvā dežuranta palīgu, vēlāk - par iecirkņa inspektoru. Pelnītā atpūtā Edmunds aizgājis, būdam operatīvais dežurants. Pēc tam viņš vēl krievu laiku nostrādājis gāzes krātuvē Inčukalnā.

Sarunā jubiliārs nespēj slēpt atliekamā pret nesajamajiem draudzniekiem nostikumiem jēkagpildī. Visā darba mūžā Edmunds neņemams neviena gadījuma, kad drošības sargi būtu pāvērsuši ieroci uz pret savējiem. Viņapūt, jo vairāk iekšlietu sistēmā sadala atbildību, jo mazāk ir kārtības. Savualk iecirkņa pilnvarotais *turēja roku uz pulsa gan par sanitāro, satīkšmes un ugunsdrošību savā teritorijā, gan uzraudzīja kriminogēno situāciju un pasu režīmu. - Kursēju pa iecirkni nemīgti, uzmanīju, kas notiek. Tagad policisti dežurē uz lielajiem autoceļiem, bet nezinā, kas notiek nomalēs, - uzskata Edmunds. Viņš piebilst, ka milicis bija nevis amds, bet dzīvesveids. - Torēz tā nevarēja - pūkstien 17 pacelju cepuri un atēju. Darbalaiks bija nenomēts vārds tiešā nozīmē - ja piezvarāja nakts laikā, bija jābrauc uz notikuma vietu, un ne divatā ar auto, bet vienam ar motociklu ziemi vai vasarā. Iecirknis nebija mazs - tagadējā Inčukalna, Murjāņu, Turaidas, Raganas un Sēļas teritorijā. Es pazinu katru iedzīvotāju, un viņi pazina mani. Tagad pajautāji, cik cilvēku zina, kas ir viņu pilnvarotais! - saka jubiliārs. Viņš neizprot, kādēļ šodien tiešā liels skaits noziedzumu paliek neatbakt. Nešķi skaidr-*

## Lasītāia rosināts temats

Līgas LIEPINAS teksts un foto

## Annex 5.5: Original list of participants of the Opening workshop of the BioRegions project in Salacgriva and Limbazi

List of participants of the Opening workshop of the BioRegions project					signature
#	name	organization	telephone	e-mail	
The workshop takes place in Salacgriva on January 19, 2011.					
1	Alakangas Eija	VTT		eija.alakangas@vtt.fi	
2	Babaiceva Jevgēnija		28831159	babaiceva@gmail.com	
3	Balodis Andis	SIA "PRZA Agro"	29955602		
4	Barisa Aiga	SIA "Ekodoma"	67323212	aiga@ekodoma.lv	
5	Blumberga Dagnija	Rīgas Tehniskā universitāte	67089908	dagnija.blumberga@rtu.lv	
6	Dzene Ilze	SIA "Ekodoma"	67323212	ilze@ekodoma.lv	
7	Eizenberga Dzintra	Salacgrīvas Ekodoma	29427995	dzintra.eizenberga@salacgriva.lv	




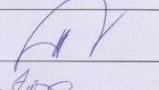
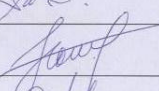
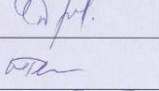
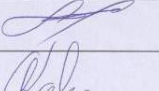
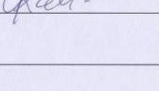
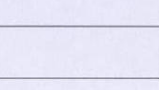

Opening workshop of the BioRegions project, 19 January 2011, Salacgriva

8	Jēgers Artis	SIA „AJ Mednieki”	29113359		
9	Kacara Sarma				
10	Krūze Vineta	LU ĢZTF telpiskās attīstības plānošana	28512658	vinetakruze@inbox.lv	
11	Ķemers Aldis	SIA „Aks”			
12	Ķemers Kaspars	SIA „Aks”	26468001		
13	Ķemers Raivis	SIA „Aks”			
14	Ķemers Arnis	SIA „Aks”			
15	Paananen Markku	JAMK university of applied sciences		markku.paananen@jamk.fi	
16	Pūtele Inese	SIA „Mežvaldes	26565527		
17	Rubenis Gintārs	DAP Ziemeļvidzemes biosfēras rezervāts	26418054		



Opening workshop of the BioRegions project, 19 January 2011, Salacgriva



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

 Regional Networks for the development of a Sustainable Market for Bioenergy in Europe		Supported by 		 EKODOMA	
18	Straubergs Dagnis	Salacgrīvas novada dome Rēzeknes ielā	26545574	dagnis.straubergs@salacgriva.lv	
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20	Zālītis Juris	Salacgrīvas novada tūrisma informācijas centrs	64041254	saltic.juris@salacgriva.lv	
21	Kroaģene Dāniņa	SIA "Kroaģene"	2910904	diana@kroagene.eu	
22	Morini Petris	2/s "Veldra"	28667235		
23	Tomars Lamberts	SIA "Salacas Tūrisma centrs"	28524338	tlca@inbox.lv	
24	Quēns Kārkliņi	Salacgrīvas novads	291091518	quens.karklini@salacgriva.lv	
25					
26					
27					

Opening workshop of the BioRegions project, 19 January 2011, Salacgriva

 Regional Networks for the development of a Sustainable Market for Bioenergy in Europe		Supported by 		 EKODOMA	
<b>List of participants of the Opening workshop of the Bioregions project</b>					 bioregions.eu
The workshop takes place in Limbaži on January 19, 2011.					
#	name	organization	telephone	e-mail	
1	Alakangas Eija	VVT		eija.alakangas@vtt.fi	
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6	Blumers Agris	Limbažu novada dome			
7	Dzene Ilze	SIA "Ekodoma"	67323212	ilze@ekodoma.lv	

Opening workshop of the BioRegions project, 19 January 2011, Limbaži

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

Regional Networks for the development of a Sustainable Market for Bioenergy in Europe		Supported by INTELLIGENT ENERGY EUROPE		RIGA EKODOMA	
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10	Krūzenbergs Viesturs	SIA „Bumpo”	29190851		
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14	Paananen Markku	JAMK university of applied sciences		markku.paananen@jamk.fi	
15	Remess Jānis	IK Rem	29250431		
16	Siliņa Anna	Limbažu novada dome	61020405	anna-silina@limbazi.lv	
17	Treimanis R. Mārtiņš	Limbažu novada dome		jaundzelves@inbox.lv	

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19	Agris Rīca		26494966	agris@lvdats.lv	
19	Ēģa Ingrida	laucraists "Auseklis"		eg@auseklis.lv	
20	Valkers Mārtiņš	"Limbažu siltsuns"			
21					
22					
23					
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26					

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