



PromoBio: Promotion to Regional Bioenergy Initiatives

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Slovak University of Agriculture in Nitra –
Ministry of Environment of the Slovak Republic



www.promobio.eu



www.promobio.eu



SUMMARY

- **PromoBio aims to:**
 - provide support to regional bioenergy initiatives and to facilitate new bioenergy projects in selected target regions in Slovakia, Romania and Poland
 - focus particularly on forest biomass
- **Main outcomes:**
 - 3 regional bioenergy action plans
 - 3-4 project outlines for each target region => new bioenergy projects
 - Training guidebook for trainers
 - A guidebook on bioenergy success stories to decision-makers and other stakeholders
 - Information material (website, brochure etc.)



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BACKGROUND

- **Why PromoBio?**
 - To meet 2020 targets for renewable energy in Romania, Poland and Slovakia
 - To increase the use of biomass for energy in the target regions
 - To activate regional policy development in the use of renewable energy
- **PromoBio supports...**
 - Regional policy development
 - Increase in the number of new bioenergy business projects
 - Increased awareness on the possibilities of renewable energy



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OBJECTIVES

Aim is to...

- provide support to regional bioenergy initiatives and to facilitate new bioenergy projects in selected target regions in Slovakia, Romania and Poland
- focus specifically on forest resources

PromoBio provides...

- policy development workshops
- consulting to new bioenergy business projects
- training and training material

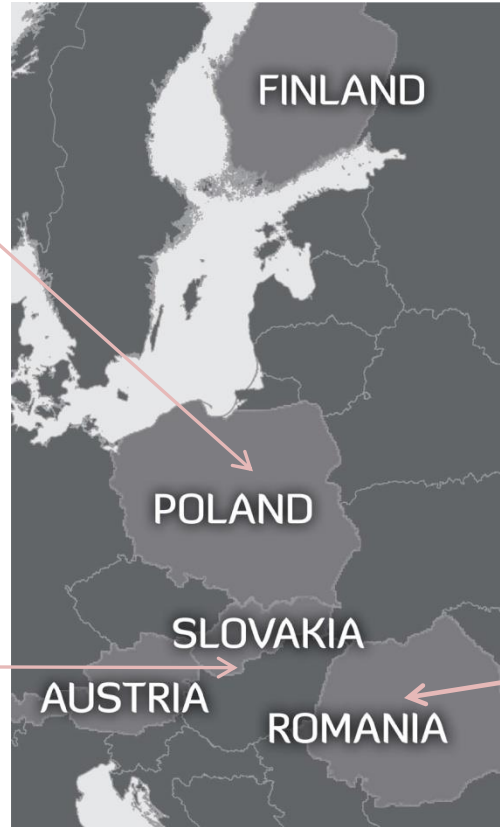


PROMOBIO MAIN OUTCOMES

- 3 regional bioenergy action plans
- 3-4 project outlines for each target region => at least pre-contracts for new bioenergy projects
- Training guidebook for trainers
- A guidebook on bioenergy success stories to decision-makers and other stakeholders
- Information material (website, brochure etc.)

TARGET REGIONS

**Płocki Powiat and
Warmia-Mazury, Poland**

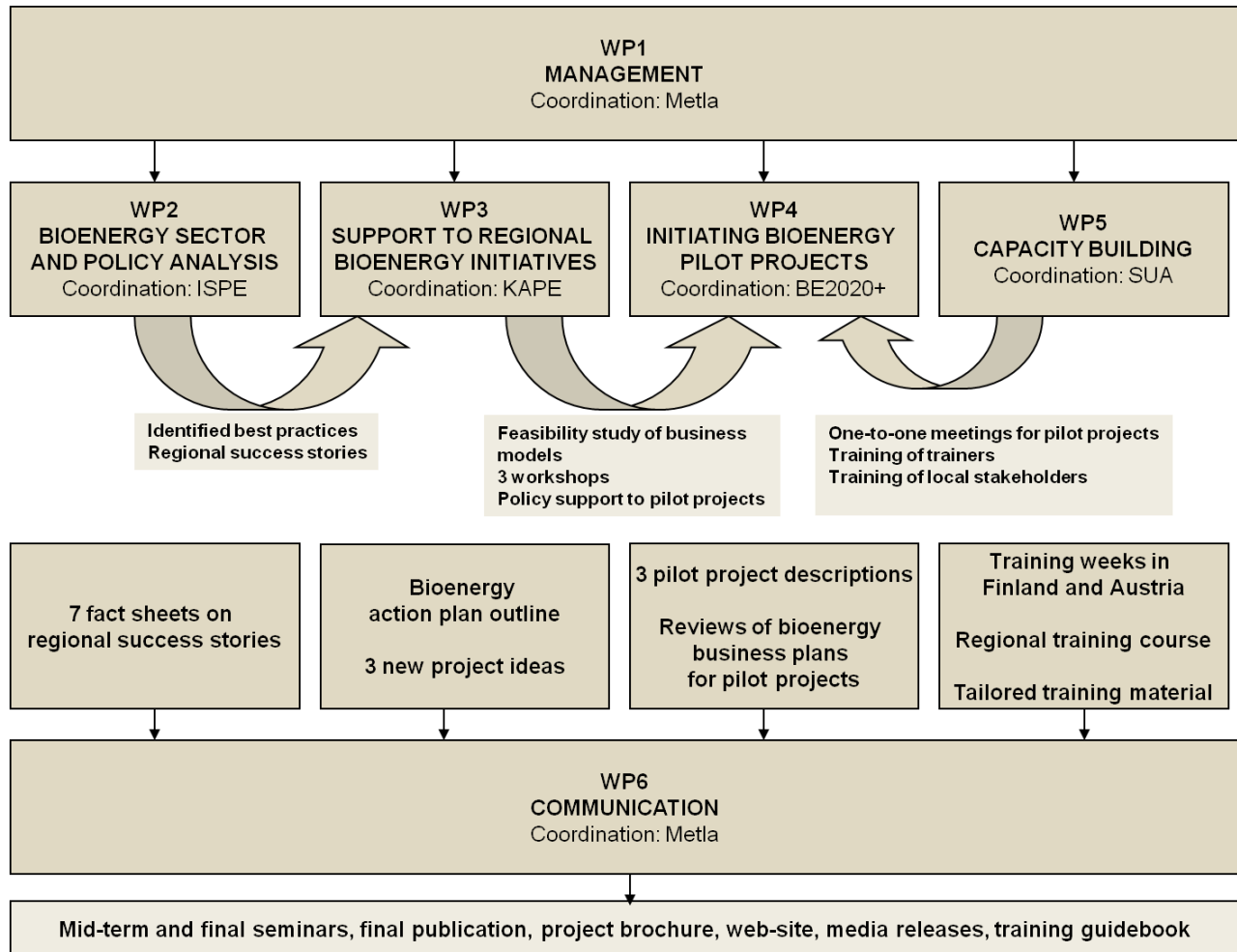


Banska Bystrica, Slovakia

Centru Region, Romania



WORK PROGRAMME



PROJECT PARTNERS

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Ms Elina Välkky, elina.valkky@metla.fi, +358 10 211 5188



Technical Research Centre of Finland (VTT), Finland

bioenergy2020+ Bioenergy2020 (BE2020+), Austria



Institute for Studies and Power Engineering (ISPE), Romania



Regional Development Agency Centru (ADR Centru), Romania




Polish National Energy Conservation Agency (KAPE), Poland



Slovak University of Agriculture in Nitra (SUA)

Web page of the project: www.promobio.eu



PROMO BIO



Home | About | Company cases | Bioenergy action plans | Events | Downloads | Press room | Contact

PromoBio
Promotion to regional bioenergy initiatives

- support to new business projects
- policy development
- bioenergy training

Promobio project
Project aims to activate new regional bioenergy initiatives and to provide help in establishing new bioenergy business projects in Eastern European countries.



Latest news
| Training week in Finland
| Training week in Austria
| Policy development workshop in Poland
more news >

» Intranet

Extranet web: <https://wiki.metla.fi/display/PBE/Home> (Content: 1.044 files)

Spaces People Create

?
📄
👤

PromoBio Extranet

📄 Pages

📄 Blog

⚙️ Space tools

📁 Deliverables

+ Create child page

Pages / Home

✎ Edit
📄 Share
⚙️ Tools

Deliverables

📄 1044 Added by Väliky Elina, last edited by Poikonen Pasi on Nov 27, 2014 (view change)

Progress Control of the PromoBio Project (document will be updated regularly) - the latest update March, 31, 2014:

- PromoBio Objectives Achievement 31.3.2014
- PromoBio Objectives Achievement 4.6.14

Workpackage 1

D1.1 Minutes of project meetings:

- Kick-off Joensuu
- 2nd meeting Romania
- 3rd project meeting Poland
- 4th project meeting Austria
- Project Teleconference September 2013
- 5th project meeting Slovakia
- Project Teleconference December 2013
- Project Teleconference February 12, 2014
- Project Teleconference April 1, 2014
- Project Teleconference April 9, 2014
- 6th Project Final Meeting Belgium
 - Polish Partner Results Presentation
 - Romanian Partner Results Presentation
 - Slovak partner Results Presentation
 - Participants Project Final Group Meeting 21052014

D1.2 Minutes of support group meetings:

Poland	Romania	Slovakia
<ul style="list-style-type: none"> Ostróda_6.12.2012 Olsztyn_5.12.2012 	<ul style="list-style-type: none"> Minuta_support group 1_4.04.12.pdf Minute_support group 1_4.04.12.pdf Participant List_support group1_4.04.12.pdf Program_support group2_12.11.13.pdf Participant List_support group2_12.11.13.pdf Minuta_support_group2_12.11.2013_ro.pdf Photos_support_group2_12.11.13.zip 	<ul style="list-style-type: none"> 21_04_2012_Participant SupportGroup_21_04_2 SupportGroup_21_04_2 22_11_2012_Participant SupportGroup_22_11_2 SupportGroup_22_11_2

Workpackage 4

Stakeholder lists

Poland	Romania	Slovakia
Stakeholderlist_final	Stakeholderlist_final	Stakeholderlist_final

D4.1 Project outlines and LOCs:

	Poland	Romania		
English	<ul style="list-style-type: none"> Project_outline_Dabrownno_final Project_outline_Szyladak_final Project_outline_DPS Grazymy_final Project_outline_DPS Barczewo_final Project_outline_DPS_PSPM_final 	<ul style="list-style-type: none"> Project_outline_Centru_No. 1_COVIMM_EN.pdf Project_outline_Centru_No. 2_Bertis_EN.pdf Project_outline_Centru_No. 3_Dalia_EN.pdf Project_outline_Centru_No. 4_Tg Secuiesc_EN.pdf Project_outline_Centru_No. 5_Urbana_EN.pdf Project_outline_Centru_No. 6_Kos Karoly School_EN.pdf Project_outline_Centru_No. 7_Brates_EN.pdf LoC_No. 1_COVIMM_EN.pdf LoC_No. 2_Bertis_EN.pdf LoC_No. 3_Dalia_EN.pdf LoC_No. 4_Tg Secuiesc_EN.pdf LoC_No. 5_Urbana_EN.pdf LoC_No. 6_Kos Karoly School_EN.pdf LoC_No. 7_Brates_EN.pdf 	•	•

Title pages of the most important publications 1:

This publication is part of the output of the PromoBio project (Promotion to Regional Bioenergy Initiatives – IEE/10/470/SI2.593725, www.promobio.eu) supported by the European Commission under the Intelligent Energy Europe Programme. The PromoBio project is coordinated by Metla, the Finnish Forest Research Institute. The other partners are the Technical Research Centre of Finland (VTT), BIOENERGY 2020+ GmbH (Austria), the Institute for Studies and Power Engineering (ISPE, Romania), the Centru Regional Development Agency (ADR Centru, Romania), the Polish National Energy Conservation Agency (KAPE) and the Slovak University of Agriculture in Nitra (UNIAG).

In 2008, the European Commission launched an action plan for the promotion of the use of energy from renewable sources (RES directive). The objective is to reach 20% of the EU's energy consumption through renewable energy sources by 2020. Each member state has specific objectives. Poland, Romania, and Slovakia are the most recent new members of the EU. The objective of the three-year (2011– 2014) PromoBio project is to launch concrete project plans and to include entrepreneurs from the three target countries (Poland, Romania, and Slovakia) in the acquisition of woody biomass and investment in heating plants.

The best bioenergy practices and successful business models from partner countries Finland and Austria will be tested and transferred to the target regions of the project in Poland, Romania and Slovakia. The aim is to provide the local stakeholders with the grounds to make informed decisions about developing the bioenergy markets of their region. This guidebook is a concrete tool to provide basic information for the whole wood-based bioenergy process as applied to the local conditions.

Guidebook on Local Bioenergy Supply Based on Woody Biomass

Pavol Otepka

ISBN: 978-1-938681-99-8



9 781938 168199 8



<http://www.sapub.org/book/978-1-938681-98-1.html>

ISBN: 978-1-938681-99-8



Guidebook on Local Bioenergy Supply Based on Woody Biomass

Training material by
BE2020+; Metla and VTT

Promotion of Regional Bioenergy Initiatives
IEE/10/470/SI2.593725



Co-funded by the Intelligent Energy Europe
Programme of the European Union



Scientific & Academic Publishing, USA

Title pages of the most important publications 2:



Dodávateľia energie vyrobenej z drevnej biomasy na miestnej úrovni

Materiál pripravený v spolupráci s:
BE2020+ Rakúsko; Metla a VTT Fínsko

Podpora regionálnych iniciatív pri využívaní bioenergie
IEE/10/470/S12.593725



Co-funded by the Intelligent Energy Europe
Programme of the European Union



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Vydala Slovenská poľnohospodárska univerzita v Nitre, 2013. Tlač: Garmond, Nitra.

www.promobio.eu

ISBN 978-80-89703-01-2 (tlačená verzia)

ISBN 978-80-89703-02-9 (elektronická verzia: pdf, k dispozícii na: www.promobio.eu)

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Technická úprava: Irene Murtovaara, Metla, Fínsko

Title pages of the most important publications 3:

This publication is part of the output of the PromoBio project (Promotion of Regional Bioenergy Initiatives – IEE/10/470/SI2.593725, www.promobio.eu) supported by the European Commission under the Intelligent Energy Europe Programme. The PromoBio project is coordinated by Metla, the Finnish Forest Research Institute. The other partners are the Technical Research Centre of Finland (VTT), BIOENERGY 2020+ GmbH (Austria), the Institute for Studies and Power Engineering (ISPE, Romania), the Centru Regional Development Agency (ADR Centru, Romania), the Polish National Energy Conservation Agency (KAPE) and the Slovak University of Agriculture in Nitra (UNIAG).



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PROMOTION OF REGIONAL BIOENERGY INITIATIVES IN POLAND, ROMANIA AND SLOVAKIA

PromoBio Project IEE/10/470/SI2.593725

Promotion of regional bioenergy initiatives in Poland, Romania and Slovakia

Pasi Poikonen (ed.)



Co-funded by the Intelligent Energy Europe Programme of the European Union

PROMO BIO IIII

Title pages of the most important publications 4:

Táto publikácia je súčasťou výstupu projektu PromoBio (Podpora regionálnych bioenergetických iniciatív – IEE/10/470/SI2.593725, www.promobio.eu) podporeného Európskou komisiou v rámci programu Inteligentná energia pre Európu. Projekt PromoBio koordinuje Metla: Výskumný ústav lesnícky vo Fínsku. Ďalšími partnermi projektu sú Technické a výskumné centrum vo Fínsku (VTT), BIOENERGY 2020+ GmbH (Rakúsko), Inštitút pre výskum a energetiku (ISPE, Rumunsko), Agentúra pre regionálny rozvoj regiónu Centru (ADR Centru, Rumunsko), Poľská národná agentúra pre energetickú efektívnosť (KAPE) a Slovenská poľnohospodárska univerzita v Nitre (UNIAG).



V roku 2008 Európska komisia spustila akčný plán na podporu využívania energie z obnoviteľných zdrojov (smernica OZE). Cieľom je dosiahnuť 20 % spotreby energie v EÚ z obnoviteľných zdrojov energie do roku 2020. Každý členský štát má svoje špecifické ciele. Poľsko, Rumunsko a Slovensko sú jednými z najmladších členov EÚ. Cieľom trojročného projektu PromoBio (2011-2014) je spustiť konkrétne projektové zámery a iniciovať v podnikateľov z troch cieľových krajín (Poľsko, Rumunsko a Slovensko) v získavaní energetickej drevnnej biomasy a investícií do tepelných elektrární. Najlepšie príklady vo využívaní bioenergie a úspešné obchodné modely z partnerských krajín (Rakúsko a Fínsko) boli testované a prispôbené na využitie v cieľových regiónoch projektu v Poľsku, Rumunsku a na Slovensku. Cieľom bolo poskytnúť miestnym zainteresovaným subjektom mnohé dôvody ako urobiť rozhodnutia potrebné pre rozvoj trhu s bioenergiou vo svojich regiónoch. Táto záverečná publikácia pojednáva o konkrétnych pilotných projektoch realizovaných v priebehu životného cyklu projektu PromoBio.

PODPORA REGIONÁLNYCH INICIATÍV PRI VYUŽÍVANÍ BIOENERGIE V POĽSKU, RUMUNSKU A NA SLOVENSKU

Projekt PromoBio, č: IEE/10/470/SI2.593725

Podpora regionálnych iniciatív pri využívaní bioenergie v Poľsku, Rumunsku a na Slovensku

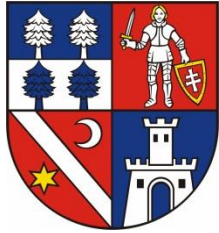
ZÁVEREČNÁ PUBLIKÁCIA PROJEKTU

Editor Pasi Poikonen



Projekt bol spolufinancovaný v rámci programu Európskej únie Inteligentná energia pre Európu

PROMO BIO IIII



Ministerstvo životného prostredia
Slovenskej republiky



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Project No.: IEE/10/470/SI2.593725

Duration: 01/06/2011 – 31/05/2014



PROMO BIO IIII