

***BioProm (EIE/04/100/S07.38585)***

**“Bioenergy-Promotion” –**

**Overcoming the non-technical barriers of  
project-implementation for bioenergy in  
condensed urban environments**

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Intelligent Energy  Europe

*EIE/04/100/S07.38585 (BioProm)*



Wirtschaftsförderung  
Region Stuttgart GmbH

# *BioProm - facts*

- 1. Number of the Grant Agreement:  
EIE/04/100/S07.38585**
- 2. Duration: 30 months (January 2005 to June 2007)**
- 3. Partners: 6**
- 4. total eligible costs: € 717.942**
- 5. EU-contribution: € 357.500 (49,8 %)**
- 6. Keywords:**  
Bioenergy facilities, non technical barriers, regional networks,  
densely populated areas, best practice concepts,  
transferability, public awareness, market introduction

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# *BioProm – mission and steps*

- **The mission: to overcome the non-technical barriers of project-implementation for bioenergy in condensed urban environments**
  
- **steps to achieve the mission:**
  - **to identify the barriers**
  - **to eliminate the barriers**
  - **to give support to political bodies**
  - **to create regional networks**
  - **extensive dissemination activities, e.g. interregional exchange of experiences**

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# *BioProm - the goal*

- **The main goal of BioProm is to initiate ten bioenergy projects (two per region)!**

## **Additional results:**

- **established bioenergy-networks in all regions**
- **Guideline „How to overcome non-technical barriers“**
- **Project-Website**
- **information material (flyer, ...)**
- **easement of economical inquiries**
- **Identification of success factors and success stories**
- **initialisation of new financial support programmes**
- **...**

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## ***BioProm – achieved results, slide 1***

- installation of regional networks, including working groups with spezialized target groups to distinct topics
- spreading of studies, publications and brochures
- workshops „How to overcome non-technical barriers“
- project website [www.bioprom.net](http://www.bioprom.net), 2.500 visits a month
- knowledge transfer via best-practise-examples
- tradefair „renewable resources“ will change fairground from the city of Böblingen to Stuttgart in 2008
- Initiation and support of several bioenergy projects

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## *BioProm – achieved results, slide 2*

- **case study „Upper Austria“ – measures to remove information deficits in bioenergy projects in urban areas**
- **regional specific analysis of the questionnaire – Exposé on the Situation inventory (WP 2)**
- **Reports about non-technical barriers**
  - **economic factors (WP 3)**
  - **financial factors (WP 4)**
  - **legal factors (WP 5)**
  - **socio-economic factors (WP 6)**
  - **information deficits (WP 7)**

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# *BioProm – overall conclusions – slide 1*

- **public money is the most important specific influence on financing concepts of urban biomass projects**
- **specific barriers are the location of the plant and the emissions.**
- **competitiveness of bioenergy depends on the availability of alternative energy options, relative costs and prices, and regulatory frameworks**
- **direct employment in the conversion plants is not big, but other (indirect) employment is more important**

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## *BioProm – overall conclusions – slide 2*

- for urban areas it seems that the best option are biomass pellets. This is the biomass fuel that seems to be less problematic from the point of view of space available and logistics.
- for urban areas it is necessary to make the public aware about the benefits of using biomass that surpass the problems that can cause a wood combustion facility close to home.
- the environmental impacts of a biomass plant should be determined in advance and a lot of different departments of public administration are involved in the process.

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## ***BioProm – overall conclusions – slide 3***

- **for planning a biomass district heating network it is essential to know the estimated grid length and the expected number of connections.**
- **specific capital costs per unit of capacity increase with decreasing plant capacity (“economy of scale”).**
- **subsidies should differentiate between the different biomass plant sizes that face different types of problems.**
- **legal barriers can be strong enough to completely stop a project or delay it for a very long time.**

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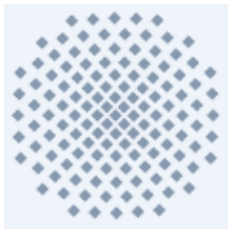
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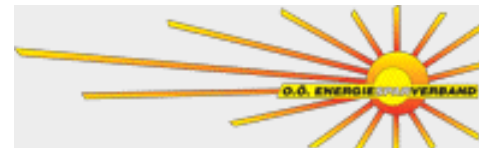
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# BioProm - partners

Institut  
Jožef Stefan  
Ljubljana



- Stuttgart Region Economic Development Corporation (WRS) – Germany (Coordinator)
- Rhônealpiénergie-Environnement (RAEE) – France
- Oberösterreichischer Energiesparverband (ESV) – Austria
- Universitat Rovira i Virgili (CREVER) – Spain
- Institut Josef Stefan - Slovenia
- University of Stuttgart, Institute of Energy Economics and the Rational Use of Energy (IER) – Germany



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## ***BioProm - coordination***

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