

# **BioProm – BioEnergy Promotion**

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## **First Technical Progress Report**

**January – June 2005**

**Coordinator**

**Stuttgart Region  
Economic Development Corporation (WRS)**

## Status of implementation by work package

### **Work Package 1**

**Leader: WRS**

#### **Dissemination and Implementation activities (WP 1.1.),**

#### **Common dissemination activities (WP 1.2)**

The relevant actors, stakeholders and networks in the field of bioenergy in the Stuttgart Region and abroad have been identified. Besides that the WRS integrated the already existing experiences of others projects in this field (biomass, biogas...), which run by the support of the European Commission, e.g. Polycity ([www.polycity.net](http://www.polycity.net)), CORINNA ([www.corinna-net.info](http://www.corinna-net.info)), Alaufstieg ([www.alaufstieg.de](http://www.alaufstieg.de)). There are some synergies between these projects, so we can ensure the transfer of information and the integration of them into the final report in 2007.

After that the WRS developed a database to summarise all experts in the field of bioenergy and renewable resources in the Stuttgart Region. This database is linked to the project website of BioProm ([www.bioprom.net](http://www.bioprom.net)) which is bilingual (german/english). The english part of the website provides information to the project itself, the coordination office at the WRS, informs about the objectives of the action, the work packages, the target groups and the status of the action. The questionnaire (see work package 2), one of the most important tools of BioProm to identify non-technical constraints, can be downloaded as a pdf. From the project website there are links to all European partners and vice versa. The german part of the project website provides some more information, e.g. a evaluation of economic efficiency for biogas plants, especially tailored to the legal situation in Germany, and information about governmental programs to support biogas/biomass facilities.

## **Work Package 2**

**Leader: IER**

### **Situation inventory**

The **main aims of the questionnaire**, which is part of this work package 2, can be summarised as follows:

- to perform a situation inventory for the bioenergy sector in the different regions,
- to identify the most important non-technical key problems for bioenergy project implementation and especially for bioenergy projects in urban regions,
- to identify the view of different groups (actors, stakeholders, etc.) within the bioenergy sector.

It is intended to spread the questionnaire throughout the whole duration of the project using all means of dissemination (personal contact, conferences, fairs, seminars, mailing, oral answering etc.). This will allow to get a wide range and comprising information. To increase the number of filled out questionnaires, it is e.g. recommended to collect them at the same day of a conference itself. Additionally, there will be a online questionnaire form to be filled out by several stakeholders which can be downloaded from the project website [www.bioprom.net](http://www.bioprom.net).

Every partner is free to combine the completion of the questionnaire with an allotment, which can be e.g. money or some tickets for a conference attendance.

#### **Questionnaire – English version** (as basis for all project partners)

The IER elaborated the final version of the questionnaire in English language. This was done based on the modification proposals made at the first progress meeting and on external reviews made by experts.

The final English version of the questionnaire was sent to the project partners together with a proposal for a form letter, recommendations for mailing/forwarding of the questionnaire and the further proceeding regarding the evaluation/interpretation of the questionnaire. The questionnaire must be translated into national language by the project partners and forwarded to a least 50 bioenergy experts and stakeholders. The questionnaires shall be sent back to the IER until the end of August 2005. For evaluation of the questionnaire the IER has already elaborated a specific scheme which is based on Excel.

The first results will be summed up by the IER and discussed among the project partners at the next meeting at the end of September 2005 in Lyon. The conclusions will be basis for the draft exposé on the situation inventory of non-technical barriers in and across all partner regions to be compiled until October 2005.

### **Questionnaire – German version**

The IER translated the questionnaire into German language. For the first time the questionnaire was disseminated at a meeting in Stuttgart which took place on 16th of June, 2005 ("Fuel from Biomass – fuel for the future" organised by the Akademie für Natur- und Umweltschutz and the IER). As a result, 15 questionnaires have been returned to the IER. Five questionnaires referred to biofuels, three to biomass/wood chip plants, two to biogas and one to pellets (as far as information has been given on the kind of bioenergy projects the specific bioenergy experts are involved in).

Additionally, end of June 2005, more than 100 questionnaires have been sent by mail to bioenergy experts and stakeholders especially in the Stuttgart Region and in Baden-Württemberg. The experts and stakeholders belong to e.g., universities/research institutes, public authorities, planning bureaus, regional banks, automobile companies,

energy companies, associations. Deadline for the return of the questionnaire is the middle/end of July.

### **Questionnaire – other languages**

The current status in the other regions is that the translation and spreading of the questionnaire started in June. For example there is presently a survey to Upper Austrian municipalities (local administration) being carried out in order to assess their opinion on renewable energy sources and to get an insight into their opinion about bioenergy utilisation.

### **Work Package 3**

**Leader: CREVER**

#### **Characterisation of barriers and best practise examples – Economic factors**

As a result of the first progress meeting, a clear line has been drawn between the economic factors (Work package 3) and the financial factors (Work package 4) which have to be analysed and assessed in the relevant Work packages: Financial factors will comprise all investiv costs, subsidies from municipalities included. Incentives, especially tax incentives, can be classified in this manner too. Economic factors will comprise the operational costs.

The results of the situation inventory have to be awaited.

### **Work Package 4**

**Leader: CREVER**

#### **Characterisation of barriers and best practise examples – Financial factors**

The partners started to collect and analyse data on the barriers of financial relevance and best practice examples to overcome them at a regional/national level. The results of the situation inventory have to be awaited.

### **Work Package 5**

**Leader: RAEE**

#### **Characterisation of barriers and best practise examples – Legal factors**

RAEE designed a template as basis for all partner regions. This template will gather all information about bioenergy facilities and will help to analyse legal factors in the partner regions, e.g. which constraints in which region is specific.

Some additional specifications, e.g. the different stages (development, authorisation, construction, operation, treatment), the different sizes and the environment (district heat) of the facilities are given, including a distinction between public or private facilities.

The results of the situation inventory have to be awaited.

## **Work Package 6**

**Leader: JSI**

### **Characterisation of barriers and best practice examples –**

#### **Socio-economic factors**

The partners started to collect and analyse data on the barriers of socio-economic relevance and best practice examples to overcome them at a regional/national level.

Concern of local residents are:

- influence on health
- environment impacts (due to emissions)
- noise emission
- increase of traffic
- superior environmental issues

This work package also analyses the impact of bioenergy projects on:

- regional development.
- security of supply,
- employment,
- enhanced competitiveness,
- induced investment

JSI designed a template to collect and evaluate data on the barriers of socio-economic relevance in order to find similarities or discrepancies in the regional/national situation.

		Barrier 1 (health)	Barrier 2 (environment)	Barrier 3 (employment)
Regions	Technology			
Stuttgart	Biogas			
	Biomass			
	Pellet			
Ljubliana	Biogas			
	Biomass			
	Pellet			
Upper Austria	Biogas			
	Biomass			
	Pellet			

The results of the situation inventory have to be awaited.

## **Work Package 7**

**Leader: ESV**

### **Characterisation of barriers and best practise examples –**

#### **Information deficits**

In the first progress meeting in April Ms. Oehlinger presented some approaches, how to assess information deficits. She stressed the different needs of information by establishing a biomass or biogas plant, beginning from the project idea to the operation.

#### **Seminar "Innovative biomass fuels – potential for the future"**

About 80% of the biomass used in Upper Austria comprises of log wood, saw mill residues, wood chips and bark. Other resources as for example straw or Miscanthus (elephant grass) are presently hardly ever used. In order to inform about the possibilities of using different biomass fuels, a seminar will be organised on 4 November 2005. Technical solutions and R&D results are presented and the first Upper Austrian straw/Miscanthus district heating plant will be visited.

Besides that, the results of the situation inventory have to be awaited.

## **Work Package 8**

**Leader: WRS**

### **Coordination and management activities**

In order to increase information and knowledge transfer between all partners of the BioProm project, the WRS organized the first progress meeting in the first week of April in Stuttgart. Besides this the main issue was to complete the form of the questionnaire.

At the beginning of the meeting the Project Coordinator introduced the project and the different kinds of reports and the relevant dates. The responsibilities, the work flow, including the fixed dates for the delivery of information, and the duties of each partner are outlined. The persons of the Steering Committee were fixed, as well as the date for the next meeting, which will be in France, in September 2005.

To set up internal and external communication structures the partners agreed to the suggestion to install a small group of decision-makers who are the work package leader at same time. Additionally, if necessary, there can be one or two external experts too related with subcontracting projects.

The Project Coordinator stressed that all partners are requested to make time records per month and per work package in order to have a continuous proof for staff costs.

Afterwards Dr. Eltrop made some remarks upon the project objectives, the expected results, target groups, the methodological approach, deliverables and horizontal and vertical reporting. All regions are requested to give more details to the WRS concerning population density, also in the surrounding, the industrial structure, forest and meadow areas and other important information, which are necessary to establish a profile from every region and to facilitate the comparison between the different regions.

## Annex 1: Overview on the current status of deliverables

	month/partner	status
<b>WP 1.1. Dissemination and Implementation</b>		
D 1.1.1: Set-up of project internet portal with general project information and links to the regional websites in English language	4 / WRS, IER	✓
D 1.1.2: Internet websites of the regional partners in the national languages linked to the general project website	6 / all	✓
<b>WP 1.2. Common dissemination activities</b>		
1.2.1: Abstracts including regular updates	1 – 30/WRS	✓
<b>WP 2: Situation inventory</b>		
D 2.1: Questionnaire template for the situation inventory in English language, translation in national languages	1,5/IER, with support from WRS	✓ / in progress
D 2.2: Regional specific analysis of the questionnaires and compilation of the translated and transferred results on an integrated project level (for internal use only)	6-10/all	in progress
<b>WP 8: Coordination, management activities</b>		
D 8.1. Financial reports and organisation of payments and financial partner reports	1-2 / WRS	✓
D 8.2. Six-month progress reports	6 / WRS, with support from all partners	✓
D 8.5. Organisation of internal "Kick-off"-meeting	2 / WRS	✓