



Fostering the Sustainable Usage of
Renewable Energy Sources in Central Europe
- **Putting Biomass into Action!**

„Towards a Green New Deal – The New Energy and Climate Policy“

Sybillie Tempel, FFU/BMU

02.09.2009, Salzburg, Austria



Content

- **Project information**
- **The Consortium**
- **The Transnational Advisory Group**
- **Project Objectives**
- **Project Outcomes**

Project Information

Longname: Fostering the sustainable usage of renewable energy sources in Central Europe – putting biomass into action!

Implemented through: CENTRAL EUROPE Programme
INTERREG IV B 2007-2013
Co-financed by ERDF

Contract Number: 1CE001P3 4BIOMASS

Project duration: 36 months (Dec. 2009 to Nov. 2011)

Project Budget: (Total) 2.409.563,70 €

(CE Contribution) 1.906.268,47 €

(Shares by partners) 503.295,23 €



The Consortium I



Agency for Renewable Resources (FNR), Gülzow – LP



AUSTRIAN ENERGY AGENCY

Austrian Energy Agency (AEA), Vienna



Czech Biomass Association (CZ Biom), Prague



Bundesministerium
für Umwelt, Naturschutz
und Reaktorsicherheit

**Federal Ministry for the Environment, Nature
Conservation and Nuclear Safety (BMU), Berlin**



Energia Központ NKft. (EC Hungary), Budapest



**Italian National Agency for New Technologies,
Energy & the Environment (ENEA) Rome**

The Consortium II



Institute of Power Engineering (IEN), Warsaw



University of Science and Technology, (AGH), Cracow



Slovak Biomass Association (SK BIOM), Zvolen



Energy Restructuring Agency, ltd. (ApE), Ljubljana



**Associate Project Partner:
Scientific Engineering Centre Biomass, Kiev,
Ukraine**

Transnational Advisory Group



→ Will ensure that the project considers also the practical dimension and achieves results relevant for stakeholders

The “TAG” in detail...

- Germany**
- Bundesverband Bioenergie BBE
 - Federal Ministry of Food, Agriculture and Consumer Protection
 - Federal Ministry for the Environment, Nature Protection and Nuclear Safety
- Austria**
- Federal Ministry of Agriculture and Forestry,
Environment and Water Management
 - Federal Ministry for Transport, Innovation and Technology
- Czech Republic**
- Ministry of Agriculture of the Czech Republic
- Hungary**
- Ministry of Agriculture and Rural Development
 - Ministry of Transport, Telecommunication and Energy
- Italy**
- Research Center for Renewable Energies CREAR;
University of Florence
- Poland**
- Institute for Fuels & Renewable Energy (RES)
 - Secretary of the Polish Member Committee World Energy Council
- Slovakia**
- Ministry of Agriculture of the Slovak Republic
 - Ministry of Environment of the Slovak Republic
- Slovenia**
- Slovenian Biomass Association

Project Objectives I

The overall objective of 4Biomass is:

...to foster sustainable usage of renewable energy from biomass and increase the share of renewables in total primary energy supply in Central Europe



Project Objectives II

Establishment of a stable political partnership in CE granting good and reliable cooperation of policy-makers by:

- Initiating cross-sectoral and trans-national cooperation of political actors
- intensifying cross-border activities (RES Directive 2009)
- seeking permanent dialogue with stakeholders in the region
- Encouraging a joint and consistent decision-making process considering regional and local conditions, with special regard to employment
- improving the economic situation in rural regions by fostering de-central bioenergy production and usage keeping value added within the region

Substantial Issues Discussed

- Sustainability standards
- Certification schemes
- Spatial planning
- Conflicts of biomass use (cascade utilisation:
1. food, 2. forage, 3. material use, 4. energetic use)
- Land use change
- Mobilisation of new biomass potential:
degraded land and brownfields
(former industrial and coal mining areas, military training areas, World War II combat areas)

Output: Exchange of Best practice

Concerning:

- legal framework
- new technologies
- management approaches
- existing and future demonstration projects

Outcome: **Database (Joint Management Tool)**

- pool information on CE demonstration projects
- helps stakeholders find tailor-made solutions for investments/operations in bioenergy plants

Further: **Workshops, field trips, project development**

- provide direct support to regional stakeholders by turning know-how to show-how
- facilitate investments



Output: Transnational Action Plan

- Directed at policy makers and implementing authorities
 - Initiates joint coordinated policy formulation and implementation in CE region
 - Includes transnational synthesis reports on...
 - country studies on political framework and availability of biomass
 - findings from stakeholder dialogue concerning NREAPs
 - best practice cases concerning bioenergy use
 - biomass trade in CE
- *shows how an integrated and transnational coordinated bioenergy policy can be designed*

Output: Central European Biomass Centres

- Address transnational sustainable biomass use in CE
 - Disseminate new information and knowledge to policymakers
 - Disseminate information on policy regulation as well as on innovative and most efficient technology to stakeholders
 - Provide advice and support for private and public stakeholders/ investors, based on good practice experiences for biomass production and conversion
 - Support implementation of NREAPs and bioenergy policies
 - Play vital roles in transnational network 4Biomass
- *Cooperation and communication structures shall continue after termination of the project*

Output: Transnational Network

→ Supports international cooperation, fostering information exchange on successful policies, new technologies and effective management tools, thus facilitating territorial political cohesion in CE



Output: **Transnational Forum**

When? October 2011

Why? To exchange experiences and start coordination of national policies and networking activities

For Whom? Policy-decidors and stakeholders



Dissemination activities

- 4BIOMASS web site www.4biomass.eu
 - information about bioenergy use, potentials for more efficient exploitation and the policy framework concerning bioenergy production and utilisation
 - access to database, national internet portals and other networks
- Transnational newsletter, flyers
- Organisation of regional workshops, conferences, field trips
- Target groups:
 - national/ european bioenergy players and associations
 - general public



Thank you very much for your attention!

Website: www.4biomass.eu

Email: tempel@4biomass.eu

