

Environment change, raising power rates and also wearing down of nonrenewable fuel sources call for a reconsidering and also cause a raising interest of use of renewable energies as well as accordingly bioenergy.

Benefits seem apparent. Because of increased using of bioenergy, energy can be created in an environment-friendly means, neutral to greenhouse gas exhausts, and also dependence of fossil fuels can be decreased.

In addition, added worth can be boosted in addition to tasks can be secured or perhaps created within the area.

Particularly in rural areas utilisation of biomass could produce a supplemental (2nd) revenue for farmer. To accomplish all this effectively and also effectively, some rules and assistance from neighborhood as well as local authorities need to accompany biomass usage to make certain greatest advantage for setting, energy use and payments to regional economic situation.

The region Havelland-Flaeming, situated in south-west of federal state Brandenburg, stands for a two-part location. Because of deep architectural distinctions, Havelland-Flaeming is divided into a very prospering location in prompt neighbourhood to Berlin whilst the other component is characterized by agriculture as well as structurally weakness.

Besides, due to its historical development Havelland-Flaeming is defined by agriculture and forestry. Woodland and also agricultural locations are dispersed extensively with a share of 36 or 49% of the complete area (6.800 km²) across the region.

That agricultural location of approx.

3.000 km² are cultivable land (75%), the remaining location is used as permanent meadow. 1 Currently approx. 30 biogas-plants with -sizes from 80kWel to 1.2 MWel exist in HavellandFlaeming area, creating a total power of roughly 29.000 kWel. 2 Beyond that there are more jobs of different measurements which are waiting on main approval.

1. In the variety of biofuels there are neither biodiesel nor bioethanol plants in area at present. 3 How much the potentials, identified by analysis, can be utilized in future must be analyzed in more procedure.
2. Capacities worrying wood are not analysed right now, however there will be refined by external service provider in the coming weeks (probably March).
3. Nonetheless within the framework of various discussions, stakeholders validated the assumption that particularly unused possibilities of matured woodland are available (for energised use).

1 Interim record of regional biomass-potential analysis (ATB, Sept. 2009) 2 Federal ecological firm Brandenburg 2009 3 ETI Potsdam RUBIRES WP 5-- Regional Concept of Havelland-Flaeming (PP 02) 4 The emphasis of the regional concept gets on the growth of one or more local value chains. Because of the diversification of region and also the available biomass potential it serves to concentrate on various product moves in more process.

As an example, in some towns the focus will certainly be targeting of product circulation 'timber' and also its raised use.

Although still no possible evaluation is offered, it arises from discussions with different stakeholders as well as research study establishments that a considerable unused firewood capacity comes with the region. These possible located in wood-off cuts and grown wood mainly.

Additionally it appears guaranteeing to analyze the style "short crop turning" more in detail and also to launch this growth in the region.

Usually it needs to be attempted to involve local stakeholders as well as partners in a concrete worth added chain in order to develop a financially and lasting utilisation of biomass in the region. Principles of energy use for neighborhood authorities will be produced while the energy is mostly gotten from biomass.

Additionally, application opportunities of brand-new innovations, e.g. power generation from grass cut as well as regional organic/green waste - hydrothermal Carbonisation or the material usage in the context of a green bio refinery- must be examined of feasibility with the help of different research institutes and enterprises.

Joint explanation The initial intermediate results of the potential evaluation shows that in the Havelland-Flaeming area just a low development possibility of biogas and also a moderate capacity in the range of bioethanol and also biodiesel is offered.

Today the possible analysis with its results (even with regard to the potential of forestry) continues to be to be seen.

A final record will be presented at the end of March at the beginning of April. In the context of a local kick-off conference of RUBIRES- Job on 16 June 2009 not only the objectives and expectations of the job were presented, yet instead offered for exchange of experience and the discussion regarding a joint development of a local added value chains.

- Previous activities of the individuals (towns, professionals, research facilities and coordinators), concerning using bioenergy, existed, challenges were gone over and initial details voids could be closed.
- It indicates that some towns have a particularly favorable mindset in the direction of use of biomass.
- Besides it was feasible to obtain details concerning previous activities and also implementations as well as to RUBIRES WP 5-- Regional Principle of Havelland-Flaeming (PP 02) 5 go over approaches and also ideas for increased use of bioenergy in towns by personal meetings of mayors as well as directors of management systems 4.

Three communities were crystallized out, in which in a (very first) further step the exercise of biomass was as well as will be examined in the information. In an additional meeting on 10 th February 2010 possibilities for lasting biomass manufacturing as well as its energised recovery in the area will be talked about and also specifically focuses on the growth of value added chains.

Close to reps of municipalities, agricultural as well as forestry organizations unions as well as research study establishments also enterprises/companies are invited in order to present brand-new modern technologies as well as ideas and also put together first strategies. Further regional meetings associated with the topic "regional included worth partnerships" are planned for the future.