

Improving sustainable biomass utilisation in North West Europe



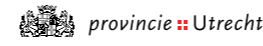
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Project Partners



[www.arbornwe.eu](http://www.arbornwe.eu)



Arbor: Biomass for Energy





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### Arbor presents

- Applied technological solutions and regional strategy development for improved sustainable biomass utilisation

### Arbor mission

- To accelerate the sustainable development and use of biomass in North West Europe, to facilitate the achievement of the 2020 energy objectives and to realise a world-class utilisation of biomass

### Arbor aims

- Foster transregional knowledge sharing to exploit the biomass potential of both the rural and the industrialised North West European regions
- Reduce territorial disparities in regulations and policies hindering the development of a harmonised biomass-based renewable energy policy
- Reduce technological barriers to the development of an efficient value chain for the conversion and optimisation of biomass to energy and the subsequent recovery of residues from biomass conversion processes
- Evaluate the sustainability and economic aspects of biomass conversion technologies
- Boost local economies and contribute to the development of a green, low carbon economy in North West Europe
- Inform local, regional and European stakeholders and raise public support through a range of communication tools and activities

### Arbor activities

- A state of the art analysis of biomass for bioenergy initiatives and projects in North West Europe
- Pilot and demonstration actions on the use of agro-industrial side streams for bioenergy, closed loop biomass valorisation by local authorities, industrial synergy parks, low-impact energy crops like short rotation coppice and biomass from marginal land
- A market analysis of biomass equipment providers, manufacturers and investors in North West Europe
- An up-to-date inventory and technology watch on biomass conversion technologies and side stream valorisation options
- An analysis of the political and legal framework conditions on bioenergy utilisation in North West Europe
- An environmental and economic assessment of the developed Arbor bioenergy implementation schemes
- A strategy development for the Arbor pilot regions
- Information and dissemination activities to local, regional and European stakeholders

