www.basisbioenergy.eu

Project results
(updated on 17.03.2016)

Co-funded by the Intelligent Energy Europe Programme of the European Union
BASIS project results shown in a GIS

Combination with Market Analysis – Cross Border Bioenergy

Online B2B Platform
Project results shown in a GIS

**Competition for wood chip supply**

- Data collection of biomass plants > 1MW fuel input
- Project partners and AEBIOM members were responsible for data collection
  - Sources used were: national industry reports, industry association directories, company reports, representatives and online presence, published official administrative data and the plants through direct contact

|---------|-----------------|-------------|---------------------------|----------------------------|----------------------------------------|-----------------------------|-------------|--------------|-------------|
• 4079 Bioenergy plants identified in EU28

• Other wood chip users (pulp, particle board, pellet manufacturers)

• Biomass resources (NUTS2 level)

• Sustainability (NUTS2 level)

http://www.basisbioenergy.eu/basis-gis.html
Number of plants in Europe consuming wood chips

Source: AEBIOM - Basis Bioenergy project
Number of plants in EU Member States consuming wood chips

Source: Basis Bioenergy project
Capacity of plants in Europe consuming wood chips by size categories and type of plant

Source: AEBIOM - Basis Bioenergy project
Wood consumption of bioenergy plants in Europe consuming wood chips by size categories and type of plant

Wood chip consumption is considered as «worst case scenario» if consumption share of wood chips was unknown.
Source: AEBIOM - Basis Bioenergy project
Wood chip consumption by energy use

- CHP 63%
- Electricity only 13%
- H 24%

Wood chip consumption by plant size class

- 20MW< 74%
- 10-20MW 11%
- 5-10MW 8%
- 1-5MW 7%

Data for Austria not included
Gross inland consumption of biomass in 2013 (ktoe)

Source: Eurostat, BASIS project, EPC Survey, Hawkins Wright and FAO
Thank you for your interest