



## Supporting Sustainable Energy Production from Biomass from Landscape Conservation and Maintenance Work

### MINUTES – Stakeholder Working Group “Feedstock Supply Concepts”

Date: 13.10.2016, 10-12 a.m.

Organisation: Aline Clalüna, Chamber of Agriculture Lower Saxony (COALS)

Planned overall timing:

- 10.00-10.15: Connection, welcoming and registration of participants
- 10.15-11.10: Biomass assessment in the greenGain project
- 11.10-11.50: Supply concepts in the greenGain pilot regions
- 11.50-12.00: Summary and conclusions, closure of the session

Participants:

- Magdalena Sajdak Wood Technology Institute
- David Butler Manning Projektträger Jülich (previously coordinator project AgroForNet)
- Lazaros Karaoglou Special Technical Laboratory Staff, National Technical University Athens
- Stefano Grigolato Department of Land, Environment, Agriculture and Forestry, Università degli Studi di Padova
- Wibke Baumgarten FNR, greenGain
- Federico de Filippi SOGESCA, greenGain
- Mainer Gomez CIRCE, greenGain
- Daniel Garcia CIRCE, greenGain
- Kathrin Ludewig SYNCOM, greenGain
- Jan Doležal CZ Biom, greenGain
- Aline Clalüna COALS, greenGain

Moderation and minute taker: Aline Clalüna, COALS

SWG	Feedstock Supply Concepts
Date of the conference	13.10.2016
Participants	<ul style="list-style-type: none"> <li>- Magdalena Sajdak Wood Technology Institute</li> <li>- David Butler Manning Projektträger Jülich (previously coordinator project AgroForNet)</li> <li>- Lazaros Karaoglanoglou Special Technical Laboratory Staff, University Athens</li> <li>- Stefano Grigolato Department of Land, Environment, Agriculture and Forestry, Università degli Studi di Padova</li> <li>- Wibke Baumgarten FNR, greenGain</li> <li>- Federico de Filippi SOGESCA, greenGain</li> <li>- Maider Gomez CIRCE, greenGain</li> <li>- Daniel Garcia CIRCE, greenGain</li> <li>- Kathrin Ludewig SYNCOM, greenGain</li> <li>- Jan Doležal CZ Biom, greenGain</li> <li>- Aline Clalüna COALS, greenGain</li> </ul>
Topics	<ul style="list-style-type: none"> <li>- Presentation and discussion of the results achieved during the biomass assessment of the LCMW types in the greenGain pilot regions</li> <li>- Presentation and discussion of the identified supply concepts in the greenGain pilot regions</li> </ul>
Summary	<p>Conclusions from the results of the biomass assessment:</p> <ul style="list-style-type: none"> <li>- The purpose of the biomass assessment was to express the situations in the regions.</li> <li>- LCMW biomass cannot constitute by itself as main biomass source but should rather be integrated in existing biomass supply chains.</li> <li>- Every LCMW produces a special and local feedstock. The next steps of the supply concepts should thus be local projects.</li> <li>- In general for LCMW the final utilization potentials tend to be, at least in this preliminary assessment, close to the theoretical potential.</li> </ul> <p>Conclusions and recommendations of SWG1:</p> <ul style="list-style-type: none"> <li>- The mixed feedstock types (woody and herbaceous) should if possible be analysed separately.</li> <li>- The results of the biomass assessment should be presented both, as fresh and dry matter (for value chains &amp; logistics, and energy production).</li> <li>- Comparing the results of the greenGain biomass assessment with the data of the BioBoost project is hard due to different LCMW type definition, different assessment methods and reasons of scaling.</li> <li>- The moisture content of the biomass collected during the pilot experiences will be determined according to ISO18134 standards.</li> <li>- The ratio expressed by unit of territory is a consequence of the density of the feedstock in the territory. → Certain LCMW types in small territories (e.g. park</li> </ul>

	<p>maintenance in a municipality) can show high/low biomass ratios for an area of interest.</p> <ul style="list-style-type: none"><li>- It is recommended to make an indication on the lower heating value of the obtained biomass.</li><li>- The effects of emigration from Italian regions on the utilization of LCMW biomass were discussed. These “no owner lands” are being considered in the project work of the Italian greenGain partners SOGESCA and CM-ACT.</li><li>- Drying and storage should not be equated in the analysis of the supply concepts.</li><li>- The importance of drying wood chips should not be underestimated.</li></ul>
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