

DOCUMENTS

A collection of reports, handbooks and other interesting content created during the course of the greenGain project.

Title	Description	Download
D1.6 Progress report to the EC	Adjusted version for public of the first periodic report to the EC covering the first implementation period of the greenGain project (1.1.2015 - 30.6.2016).	PDF (380.59 KB)
D3.1 Comprehensive Stakeholder Database	Stakeholder database serves the project partners as a tool to share and update information and contacts of relevant stakeholders in the field of biomass coming from landscape conservation and maintenance works, renewable energy, waste management, conversion technologies, etc.	PDF (404.35 KB)
Investigation of a biomass trade and logistic center in the lake Trasimeno region in Italy	Today the share of renewable energy produced from biomass derived from Landscape Management and Conservation Works is small. This study is one of three within the greenGain project and has been undertaken to investigate measures for mobilizing larger amounts of landscape biomass for energetic purposes. To strengthen the exploitation of landscape biomass the introduction of special Biomass Logistic & Trade Centres (BTLCs) is studied. A BTLC could provide various basic services such as the upgrading of the out-of-specification material to a usable fuel, quality control, product certification, packing and shipping to customer.	PDF (1.46 MB)
D2.1 Communication plan	Plan for communication and dissemination of activities within the greenGain project.	PDF (1.15 MB)
D3.5 Plan for continued implementation of webbased information after project lifetime	This document provides a basic description of the greenGain.eu INFORMATION PLATFORM, and indicates the plan and measures for continual operation of the website after the end of the project lifetime (i.e. after 31. 12. 2017).	PDF (939.45 KB)
D2.10 Final Report of dissemination activities	This report summarises dissemination activities carried out within the greenGain project during the whole project implementation period (from January 2015 until December 2017).	PDF (4.21 MB)
D3.8 Final report on stakeholder commitments	The objectives of the work package 3 "Creating an EU knowledge platform for LCMW feedstocks and reach the commitment of non-project LCMW stakeholders" is arranging relevant LCMW information with the purpose of stating recommended procedures, overcome bottlenecks and barriers towards successful exploitation and ensuring the future use of the gained know-how to be at the reach of the target stakeholders to be involved in future LCMW chains. Results of external stakeholder commitments are summarized within this document. This document contains also the list of participating stakeholders as well as their experiences.	PDF (1.16 MB)

Title	Description	Download
D4.3 Business models of most economic conversion pathways	This document addresses business opportunities arising from landscape management activities. In the first case, specialized subcontracting to produce wood chips and in the second case, application of grass in an existing wet-biogas plants were investigated.	PDF (2.62 MB)
D6.4 Strategy paper for EU policy makers	This strategy paper demonstrates chances and perspectives of the biomass originating from landscape conversion and maintenance work (LCMW) and provides recommendations/measures for responsible policy makers on how to foster this type of biomass.	PDF (13.49 MB)
D3.7 Handbook for know-how on LCMW chains	This document provides an overview of the steps from the identification of the biomass potential from landscape conservation and maintenance work (LCMW) as an opportunity for energy generation, to the description of the value chain considered for the pilot experiences in the greenGain model regions along with the extracted main conclusions. The deliverable covers the most important parameters that should be considered to assess the feasibility to develop a value chain based on biomass from landscape conservation and maintenance work including the selection of the most suitable conversion technologies and continuous optimization of all included aspects.	PDF (11.33 MB)
D5.4 Final LCMW materials assessment and utilization pathways for model regions	This document provides an overview of the most suitable conversion technologies for LCMW biomass utilisation including the anaerobic digestion, combustion but also pelletization, torrefaction, hydrothermal carbonisation and pyrolysis. The implementation of the pilot experiences has provided input data allowing to assess the results provided by the biomass assessment, consumers assessment and most suitable pathways previously identified in the project.	PDF (3.21 MB)
D5.5 Follow-up report of the pilot experiences	Pilot experiences have been performed in each model region of the four project countries (Czech Republic, Germany, Italy and Spain) targeting the most promising LCMW biomass types at the local level. This document is a report on the observed, gathered and analysed information.	PDF (25.11 MB)
D2.8 Fourth National workshop summaries: minutes and highlights	This document is a report from the fourth greenGain national workshop, which took place on 30 June 2017 in Perugia, Italy.	PDF (1.75 MB)

Title	Description	Download
D3.6 Summary good practice guidelines for regional players	The aim of this document is to provide a summary regarding the main issues that need to be considered when promoting initiatives that use biomass coming from landscape conservation and maintenance work carried out in the public interest for energy purposes.	PDF in English (814.68 KB) PDF in German (293.44 KB) PDF in Spanish (423.46 KB) PDF in Czech (752.33 KB) PDF in Italian (612.84 KB)
D4.2 Report on chances and challenges of LCMW biomass conversion pathways on different scale	The use of landscape biomass for bioenergy production incorporates a variety of chances and challenges. Among them low density in the area, heterogeneity, seasonal occurrence and many more which limit its practical use. This report shows the issues faced when landscape conservation and maintenance work (LCMW) biomass will be exploited on different geographical scales among them local heat production, heat, power and biogas production and transportation fuel production.	PDF (3.08 MB)
D2.6 Third National workshop summaries: minutes and highlights	This document is a report from the third greenGain national workshop, which took place on 3rd December 2016 in Fuentespalda, Spain.	PDF (1.82 MB)
D2.5 Second National workshop summaries: minutes and highlights	This document is a report from the second greenGain national workshop, which took place on the 21st and 22nd October 2016 in Germany	PDF (1.23 MB)
greenGain conference 2016	Archive of presentations in PDF format from the greenGain conference which took place on 21 October 2016 in Soltau, Germany. The presentations are in English language (except Mr. Köster's presentations which is also in German).	ZIP (36.38 MB)
Link:		
greenGain project conference and workshop 21. 10. 2016		
National workshop in Soltau (Germany)	Archive of presentations in PDF format from the greenGain conference which took place on 21 October 2016 in Soltau, Germany. The presentations are in English language (except Mr. Köster's presentations which is also in German).	ZIP (20.82 MB)

Title	Description	Download
<p>Link: greenGain project conference and workshop 21. 10. 2016</p>		
<p>D6.3 Implementation plans for legal, finance, governance as well as public participation measures developed to be implemented in model regions</p>	<p>The deliverable D6.3 presents an individual set of measures for the seven greenGain model regions and the local players to improve the current situation of the use of biomass from landscape conservation and maintenance work (LCMW) in terms of legal regulations, finance tools, public participation and good governance (Task 6.3.1) and a specific plan for the implementation of these measures.</p>	<p>PDF (771.91 KB)</p>
<p>D6.2 Online expert interview database policies, finance tools, legal regulations, public support and good governance</p>	<p>In greenGain's WP6 "Policies, Finance, Governance and Public acceptance" stakeholders from local, national and European level have been interviewed to receive theoretical and practical information on policies, finance, governance and public acceptance. The report about the interviews performed, the questionnaire and the summaries of 25 interviews can be downloaded here.</p>	<p>PDF (1.35 MB)</p>
<p>D3.4 Interim report on working group plenaries</p>	<p>The purpose of the Stakeholder Working Groups is to ensure an efficient involvement of relevant stakeholders for the coordination and support of knowledge transfer and the concept replication throughout the duration of the project. In total 29 external stakeholders agreed to participate regularly and during the course of the project more stakeholders will be engaged. Here you can find i. a. the summaries of the first telephone conferences from the beginning of 2016.</p>	<p>PDF (1.30 MB)</p>
<p>D3.3 Interim report on external stakeholder commitment</p>	<p>This deliverable describes how external stakeholders are attracted to contribute to greenGain and to implement elaborated recommendations and project results. The implementation of project results in other regions than the model regions and the monitoring of their outcomes mean that respective stakeholders will be consulted about the opportunities in their region and will be supported by the project partners during the implementation of suitable greenGain results of WP4, 5 and 6.</p>	<p>PDF (681.24 KB)</p>
<p>D5.3 Planning of the pilot experiences</p>	<p>Pilot experiences will be used as baseline for developing work plans and define feasible alternatives for a LCMW supply chain implementation, gaining practical experience on the operation and planning.</p> <p>In the present document the planning of the pilot experiences implemented in the model regions are described including information regarding the actors involved and its role, description of the feedstock, description of the operations to be carried out, identification of the challenges to overcome, timeline foreseen for each operation, description of the machinery used and expected key results. These data compilation aims to contribute to improve the coordination between local or national authorities and stakeholders, identify the constraints or limitations that could arise during the implementation of a large scale LCMW supply chain, dissemination of results reached, definition of the sectors/actors interested, etc.</p>	<p>PDF (4.90 MB)</p>

Title	Description	Download
D5.2 Report on resource and sustainability assessment and description of pilot experiences utilisation pathways for model regions	In the present document the LCMWs for the seven greenGain model regions have been object of analysis including: the categorisation and selection of LCMWs of actual relevance for the territory, the assessment of the theoretical and sustainable LCMW biomass potentials, the selection of the most promising pathways to supply the LCMW biomass to the local biomass consumers, and the conclusions per demo region. This report starts from LCMW types described in the status quo, and the resource and consumers analysis leads to understand better the opportunities, as well as gaps and challenges to be faced in future. This scope is the base for the pilot experiences programming (see planning in D5.3).	PDF (3.25 MB)
D6.1 Online literature database of Policies, finance tools, legal regulations, public support and good governance	Collection of links and documents regarding policies, finance tools, legal regulations, public support and good governance across Europe and examples of best practices	PDF (1.63 MB)
D2.4 1st Report of dissemination activities	This first Report of dissemination activities" (D2.4) summarises dissemination activities carried out within the greenGain project in the first half of the project period (from January 2015 until June 2016). The main activities and tools in this respect are the project website, the greenGain.eu INFORMATION PLATFORM, regular newsletter, number of media appearances and articles and participation at major conferences such as EUBCE 2016 in Amsterdam or Biomass to Power and Heat 2016 in Zittau.	PDF (1.49 MB)
D5.1 Interim LCMW materials assessment and utilisation pathways: templates, models and status quo	This deliverable describes for every project country the dedicated pilot region(s) in terms of geography, extent, population and economic activity. The existing LCMW types in these regions and their current utilisation was determined in a status quo assessment presented in this document as well. Further, the main biomass consumers in the areas of interest were identified and described. Finally, the deliverable elaborates the applied approach to detect the specific stakeholders of relevance for the utilisation of LCMW biomass and presents them for every pilot region.	PDF (7.43 MB)
Logo of the greenGain.eu INFORMATION PLATFORM	Logo of the greenGain.eu INFORMATION PLATFORM.	ZIP (268.86 KB)
Logo of the greenGain project	Logo of the greenGain project in various formats for print and web.	ZIP (2.42 MB)
D4.1 Project report on the use of LCMW material in Europe	Report on the state of the art of the occurrence and use of LCMW material for energy consumption in Europe and examples of best practice	PDF (4.84 MB)

Link:

[Occurrence of material from landscape conversation and maintenance work for energy consumption in Europe – An overview Energy utilization of material from landscape conversation and maintenance work \(LCMW\) with the help of conversion technologies](#)

Title	Description	Download
D2.2 Report about the 1st National workshop	First national workshop summaries: minutes and highlights (workshop took place on 25 November 2016 in the Czech Republic).	PDF (1.62 MB)

Link:

[First greenGain project workshop took place in Czech Republic \(article on greengain.eu\)](#)