

Organisation of SUCELLOG deliverables

SUCELLOG project aims to trigger the involvement of the agrarian sector in the sustainable supply of new solid biomass, focusing on the opportunities that agro-industries have to become biomass logistic centres. In that sense, the project promotes that agro-industries diversify their regular activity and take advantage of two facts:

- Some agro-industries have equipment compatible with the production of solid biomass (driers, pelletisers, chippers, storage silos, etc.).
- Agro-industries are used to deal with agrarian products and to fulfil consumers' quality requirements.

With the aim of fostering initiatives in this line, the project has elaborated 3 handbooks and different guidelines with interesting information specially focused on providing knowledge to the agrarian sector when developing a biomass logistic centre. Each document is available in English, German, French, Italian and Spanish on the SUCELLOG website www.sucellog.eu.

The following sections, will help the reader to understand which handbook/guideline to have a look depending on his/her interest and knowledge.

1. Your general knowledge

1.1. You need basic information about agricultural biomass

You need basic information to analyse your opportunity to develop a biomass logistic centre in your company or you are looking for more information about the use of agricultural sources for bioenergy purposes. Please check:

- Basic information about agricultural biomass opportunity and how to take advantage on synergies inside agro-industries: [Handbook for agro-industries interested in starting a new activity as biomass logistic centre: the basic demand of information](#)
- Short diagnosis to analyse in a simple way the opportunity you might be facing to develop a biomass logistic centre activity: [D6.1 - Diagnosis guide](#)

1.2. You want to perform a feasibility study for a new business line

You think that becoming a biomass logistic centre can be an interesting opportunity for your company/cooperative and **you want to develop a feasibility study** to analyse more precisely the synergies (both in terms of technical aspects and costs) between this new business line and your usual activities. Useful information inside:

- A methodology on the steps to be considered when carrying out a techno-economic feasibility study: [Handbook for agro-industries interested in starting a new activity as biomass logistic centre: carrying out a feasibility study](#)
- Guide to be used by the auditor or by the agro-industry itself when performing an economic feasibility study of the new business line: [D6.3 - Auditors Guide](#)
- Excel file to evaluate the economic opportunity: [D6.3 Economic assessment tool](#)

1.3. You need information to strengthen your future biomass business

You already performed a feasibility study and you know that your company has good opportunities to develop a biomass logistic centre. However, **you need feedback and experiences to strengthen** your future biomass business before finalising your business model and supply chain organisation. You know a good example can really make the difference! Please consult following documents:

- Lessons learned: [Handbook for agro-industries interested in starting a new activity as biomass logistic centre: Lessons learned and good practice examples](#)
- Production-combustion tests and marketing plan: [Guideline for implementing an agro-industry logistic centre into an agro-industry](#)
- Technical, commercial, legal and sustainability issues: [Guide on technical, commercial, legal and sustainability issues for the assessment of feasibility when creating new agro-industry logistic centres in agro-food industries](#)

2. Details of available information

The table hereafter proposes, item by item, documents and sections to find the information to develop your biomass logistic centre, depending on your state of knowledge.

Remember that all documents do not provided the same level of information (see section 1).

General information about bioenergy

Type of information	You are looking information about ...	For more information, you should consult section...			
		Handbook 1 Basic information	Handbook 2 Feasibility study	Handbook 3 Lessons learnt	Other interesting SUCELLOG documents
Bioenergy and agricultural biomass potential	The bioenergy sector relevance or the energy mix in Europe	1.1 1.2			
	The relevance of using agricultural biomass for energy in Europe	1.3 3.2			
General information about agricultural biomass	Formats and main available residues	3.2.1			D2.2

Opportunities to become a biomass logistic centre

Type of information	You are looking information about ...	For more information, you should consult section...			
		Handbook 1 Basic information	Handbook 2 Feasibility study	Handbook 3 Lessons learnt	Other interesting SUCELLOG documents
Evaluation of your opportunities	Synergies between agro-industries and agricultural biomasses	2.1 2.2		1.1 1.4	
	A quick evaluation on the possibilities for your company to become a biomass logistic centre				D6.1
	The key of success to become a biomass logistic centre	2.3		All sections	
Examples	Examples of studies to evaluate the opportunities from the techno-economic point of view				D4.3 (Austria , France , Italy , Spain) D6.5 (Austria , France , Italy , Spain)
	Examples of existing logistic centres	2.4		All sections	

Feasibility study

Type of information	You are looking information about ...	For more information, you should consult section...			
		Handbook 1 Basic information	Handbook 2 Feasibility study	Handbook 3 Lessons learnt	Other interesting SUCELLOG documents
Resources properties	Available residues in your territory		1.1.1	2.1	D3.2 (Austria , France , Italy , Spain) D2.2
	Properties of agricultural biomass	3.1 3.2			
	Specific information about prunings				D2.2 (part 1.4)
Quality & standards	Analysing the quality of the products	3.1	1.2.4	2.4	D2.2 D5.5
	Quality to develop your market	4.2			D2.2 D5.5
Market	The potential consumers of agricultural biomass	4.1	1.2.1		D4.4 (Austria , France , Italy , Spain) D6.3 + excel file
	Consumers needs and requirements		1.2.2		
	Type of competitors		1.2.3 3.2		
	A methodology to evaluate the minimum selling price of the product		3.1		
	Tips to develop the market			4.1 4.2 4.3	D4.4 (Austria , France , Italy , Spain)
	Information for contracts development				D2.2
	Marketing issues & distribution channels				D5.5
Supply chain	Logistic issues for the use of agricultural residues	3.3	1.1.2	2.2 2.3	D2.2
	The needed equipment to develop the biomass logistic centre		2.1	3.1 3.2	D2.2
Profitability of the project	Methodology to analyse the profitability of project		3.2 3.3		D6.3 + excel file
	How to reduce the costs and improve the profitability of the project			1.4 2.2 3.1 3.2	

Type of information	You are looking information about ...	For more information, you should consult section...			
		Handbook 1 Basic information	Handbook 2 Feasibility study	Handbook 3 Lessons learnt	Other interesting SUCELLOG documents
Estimation of costs	Price of equipment				D2.2
	Maintenance costs				D2.2

First steps to start up a biomass logistic centre

Type of information	You are looking information about ...	For more information, you should consult section...			
		Handbook 1 Basic information	Handbook 2 Feasibility study	Handbook 3 Lessons learnt	Other interesting SUCELLOG documents
Boilers working with agricultural biomass	The type of boilers used with agricultural biomass and their prices				D2.2
Production and combustion process	Management of production tests				D5.5 D5.2 (Austria, France, Italy, Spain)
	Management of combustion tests			2.4	D5.5 D5.2 (Austria, France, Italy, Spain)
Changes due to the project	Change in organisational structure				D5.5

Outside determinants for the biomass logistic centre development

Type of information	You are looking information about ...	For more information, you should consult section...			
		Handbook 1 Basic information	Handbook 2 Feasibility study	Handbook 3 Lessons learnt	Other interesting SUCELLOG documents
Regulations	Legal framework considerations				D5.5 D7.8
	Assessment of the environmental sustainability of the new project				D2.2 (part 4)
	Non-technical barriers to develop a biomass logistic centre and recommendations to policy makers to overcome them				D7.8
Stakeholders interaction	Possible stakeholders to develop the project			1.2 1.3	
Sustainable development	Environmental soundness				D2.2
	Links between solid biomass from agricultural resources and sustainable development	4.3	2.2	1.3 1.4	D2.2