

ENERGY BARGE

Building a Green Energy and Logistics Belt

Project Code: DTP1-175-3.2

Deliverable 4.1.2

Inventory of potential users of Danube logistics from the bioenergy industry

15 December, 2017

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I. About the ENERGY BARGE project

The Danube region offers a great potential for green energy in the form of biomass. The main objective of ENERGY BARGE is to exploit this potential in a sustainable way, considering the Renewable Energy Directive 2009/28/EC, thereby increasing energy security and efficiency in the Danube countries. The project brings together key actors along the entire value chain, biomass companies and Danube ports as well as relevant public authorities and policy stakeholders. The project maps value chains and facilitates the market uptake of biomass, supports better connected transport systems for green logistics and provides practical solutions and policy guidelines. The Agency for Renewable Resources (FNR) coordinates the ENERGY BARGE project consortium with fourteen partners from Austria, Bulgaria, Croatia, Germany, Hungary, Slovakia and Romania.

Project coordinator

Agency for Renewable Resources

Fachagentur Nachwachsende Rohstoffe e.V.	FNR	Germany
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Project partners

BioCampus Straubing GmbH	BCG	Germany
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Deggendorf Institute of Technology	DIT	Germany
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Austrian Waterway Company	VIA	Austria
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Port of Vienna	PoVi	Austria
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Bioenergy2020+ GmbH	BE2020	Austria
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International Centre of Applied Research and Sustainable Technology	ICARST	Slovakia
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Slovak Shipping and Ports JSC	SPaP	Slovakia
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National Agricultural Research and Innovation Center	NARIC	Hungary
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MAHART-Freeport Co. Ltd.	MAHART	Hungary
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International Centre for Sustainable Development of Energy, Water and Environment Systems	SDEWES Centre	Croatia
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Public Institution Port Authority Vukovar	PoVu	Croatia
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Technology Center Sofia Ltd.	TCS	Bulgaria
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Romanian Association of Biomass and Biogas	ARBIO	Romania
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Federation of owners of forests and grasslands in Romania	Nostra Silva	Romania
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II. About this document

This report corresponds to D 4.1.2 inventory of potential users of Danube logistics from the bioenergy industry of ENERGY BARGE. It has been prepared by:

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1.1	2017-12-03	Ann-Kathrin Kaufmann (BCG), Verena Dobler (BCG), Anne Weinfurtner (DIT), Wolfgang Dorner (DIT), Simon Hartl (VIA), Benedikt Grath (VIA), Bettina Matzner (VIA), Christa Dissauer (BE2020), Rastislav Veselko (SPaP), Tibor	Application of logistic criteria to evaluate modal shift potential in the relevant countries, application of GIS to carry out regional analysis (accessibility)	finalised

		Vojtela (NARIC), Zoltán Haász (MAHART), Marko Ban (SDEWES Centre), Vjekoslav Šimunović (PoVu)		
1.2	2017-12-07	Simon Hartl, Benedikt Grath (VIA)	First draft of the D 4.1.2 inventory of potential users of Danube logistics from the bioenergy industry	finalised
1.3	2017-12-14	Thies Fellenberg (FNR), Ann-Kathrin Kaufmann (BCG), Christa Dissauer (BE2020)	Feedback on first draft	finalised
2.0	2017-12-15	Simon Hartl, Benedikt Grath (VIA)	Final version	finalised

1. Background

This deliverable “D 4.1.2 Inventory of potential users of Danube logistics from the bioenergy industry” is mainly based on the task as described in the latest approved version of the Application Form of the project ENERGY BARGE (Project Code: DTP1-175-3.2).

- *Activity 4.1 Analyze the requirements of the bioenergy industry regarding Danube logistics services (Lead: VIA)*

To achieve its specific objective to support the development of a better connected, interoperable and environmentally-friendly transport system for biomass logistics, ENERGY BARGE needs to identify companies active in the biomass and bioenergy industry which due to their specific logistics requirements can be regarded as potential users of Danube logistics services such as transport, transshipment and storage.

The D 3.2.1 inventory on the biomass and bioenergy landscape elaborated in WP 3 served as a solid basis for the work of the WP4 partners. Through the application of logistic criteria by the involved logistics partners and a spatial analysis carried out by the Deggendorf Institute of Technology (DIT) the list of companies was carefully analyzed in order to create an inventory of companies which will be the addressees of further activities carried out in WP4. Project partner Bioenergy 2020+ provided cargo-specific know-how to support the evaluation and selection process.

The inventory will serve as an invitation list for the regional Business-to-Business meetings organized in the frame of Activity 4.3 and Output 4.2. These stakeholders will also be invited to join the modal shift platform for green bioenergy logistics with a company profile (Output 3.1 and 4.1).

2. Methodology

The inventory of potential users of Danube logistics from the bioenergy industry presented in chapter 3 was elaborated in a joint effort of WP3 and WP4 partners. The biomass and bioenergy landscape described in D 3.2.1 was extensively analysed according to the defined logistic criteria in order to evaluate the total modal shift potential derived from the listed companies.

2.1 Biomass and bioenergy company landscape (WP3 inputs)

The WP4 partners received a list of biomass and bioenergy companies covering all Danube riparian states represented in the ENERGY BARGE consortium (DE, AT, SK, HU, HR, RO, BG) which was prepared by WP3 in the frame of D 3.2.1. The inventory covered in total 542 entries which were described along following data fields:

- Consecutive number per country
- Company category (supplier, processor, trader, end user)
- Company name
- Optional: Brief description
- Country
- Address (Street)
- City
- Postal code
- Web address (URL)
- Raw materials processed or traded
 - wood-based raw materials
 - straw-based raw materials
 - starch-based raw materials
 - energy crops
 - oilseeds
 - sugar beet
 - other residues (wooden, agricultural)
 - other (e.g. household waste)
- Products, semi-finished products and/or by-products
 - bioethanol
 - vegetable oil
 - biodiesel
 - pellets, briquettes, wood chips
 - other residues and materials (wooden, agricultural)
 - other
 - firewood
- Data source

2.2 Applied logistics criteria (WP4 inputs)

Whereas WP3 mainly analysed the current company landscape according to economic and technical aspects and with the overall objective of gathering an extensive picture, it was the main task of WP4 to apply logistics criteria to select potential customers for Danube logistics services. The criteria which were jointly applied by the WP4 team on the companies listed for their respective country are described in the following paragraphs. The evaluation was carried out via desk/internet research, brief market surveys and direct contacts with the relevant companies.

- **Relevance of the company site in terms of logistics (production, storage, handling)**

The ENERGY BARGE logistics partners evaluated whether the sites listed with their postal addresses refer to biomass and bioenergy locations with cargo flows relevant for Danube logistics services. Office sites and business locations with minor cargo flows were sorted out during the selection process. This does however not mean that the searched contact data are useless for the further implementation of project activities. Contact data for offices with personnel that steers cargo flows (traders, supply chain managers, etc.) can be relevant e.g. for the Business-to-Business meetings foreseen in Activity 4.3.

- **Accessibility of the Danube waterway (distance to next Danube port)**

Multimodal transport is characterized by a transport of goods using two or more different transport modes (e.g. change from waterway to road). In order to change the means of transport, transshipment of the goods is required. In doing this, the strengths of the several individual transport modes can be used and the most cost-efficient and environmentally friendly combination can be chosen.

The first part in a transport chain is called pre-haulage and constitutes the delivery of a cargo to the first point of transshipment (such as a port). The term main leg describes the transport of goods from the consignor's transshipment point to the consignee's transshipment point. The word "main" results from the fact that the longest part of the transport is performed between these points. In the case of ENERGY BARGE, biomass and bioenergy companies should be convinced to use inland vessels in this case. The end-haulage signifies the delivery of the cargo from the consignee's point of transshipment to the consignee's location. Usually, pre-haulage and end-haulage are carried out by trucks. Nevertheless, if companies have access to the railway network, they are also able to use railway transport.

The distance which has to be covered by pre-haulage and end-haulage can be decisive with regard to the use of inland waterway transport in the supply chain. Once the cargo has to be transported on a too long distance, it becomes less likely that the mode of transport will be changed as transshipment causes additional costs. In the current analysis two thresholds were applied which seemed suitable to define a favourable accessibility of company locations with regard to the Danube waterway: 100 km and 200 km to the next port (linear distance). The distances were calculated on the basis of a GIS analysis carried out by Deggendorf Institute of Technology (DIT).

Based on these assumptions port managements should aim to attract new companies in need of biomass as a resource to locate their business and logistics sites in their port or in its vicinity. This is the most promising strategy to reduce costs for pre-haulage and end-haulage and to strengthen the competitiveness of inland waterway transport. Especially the exchange visits and expert interviews performed in WP4 suggest that this aspect might contribute to developing inland ports into biomass hubs.

- **General suitability of product for transport on the Danube**

Due to the large volumes of goods that can be transported on a vessel unit, inland navigation is ideally suited for the transport of bulk cargo. With regard to the biomass and bioenergy industry the transport of dry bulk (raw materials and intermediates) and liquid bulk (intermediates and end products) plays a major role. General cargo/break bulk, such as generators, turbines and transformers, as applied in this sector, also provide additional potentials for transports on the Danube, for example in the case of biorefinery projects or the like.

Based on the practical experience of the ENERGY BARGE logistics partners, a selection of companies was carried out based on the specific characteristics of the produced, traded and processed goods. Project partner Bioenergy 2020+ provided cargo-specific know-how to support the evaluation and selection process.

- **Specific suitability due to transport volumes, relations and length**

Among the applied logistics criteria were also the expected transport volumes for a certain company. As a rough guide, the minimum lot size for transport via inland vessel is 1,000 tons of bulk cargo. This leads to an estimation that companies need to produce, trade or process large volumes of cargo and require adequate storage facilities to be regarded as potential customer of Danube logistics services.

The transport relation matters in the sense that at least the starting point or the end point of the transport chains should be located in the vicinity of the Danube. In the best case of course one of the two ends of the route is located directly at the Danube but this is an ideal scenario which can only be achieved through a systematic development of business locations along the waterway or, as described above, directly in the ports themselves.

Danube navigation is best-suited for the transport of large volumes of cargo over long-distances. In these cases inland waterway transport is most competitive compared to other modes of transport. This specific suitability is underlined by the fact that the European Union aims to shift 30% of road freight over 300 km to other modes such as rail or waterborne transport by 2030¹. Thus the ENERGY BARGE team also took the expected transport distances into account in order to identify potential customers of Danube logistics among the listed companies.

The following chapter shows the results of the evaluation and selection process, thereby providing a good basis to evaluate the modal shift potential provided by the biomass and bioenergy industry in the Danube corridor.

¹ European Commission (2011) 144 final, White Paper Roadmap to a Single European Transport Area – Towards a competitive and resource efficient transport system, accessed on 15.12.2017

3. Inventory of potential users of Danube logistics from the biomass and bioenergy industry

The columns used in the inventory of potential users of Danube logistics from the biomass and bioenergy industry are classified as follows:

Title of column	Description
▪ No.	Current number in national inventory list
▪ Company category	Company category classified in supplier, processor, trader, end user; multiple selections possible, e.g. processor/trader
▪ Company name	Company name
▪ Type of raw material	Type of raw materials which are processed or traded by the company
▪ Type of product	Products, semi-finished products and/or by-products produced by the company
▪ Logistics site	Is the given site (or address) of the company relevant for logistics (such as production sites, storage sites, handling site, no headquarters or office sites)?
▪ Next port < 100km	Distance to the next Danube port < 100 km (linear distance)
▪ Next port < 200km	Distance to the next Danube port < 200 km (linear distance)
▪ General suitability	General suitability of produced, traded or processed goods for transport on the Danube
▪ Specific suitability	Specific suitability of produced, traded or processed goods due to transport volumes, relations and length

3.1 Germany²

No.	Company category	Company name	Type of raw material	Type of product	Logistics site	Next port < 100km	Next port < 200km	General suitability	Specific suitability
1	Processor	ADM Spyck GmbH, Werk Straubing	Energy crops, oilseeds	Vegetable oil	x	x	x	x	x
2	Trader	Bayernhof Erzeugergemeinschaften Vertriebs GmbH	Straw-based raw materials, starch-based raw materials, energy crops		x	x	x	x	x
3	Trader	BayWa AG	Other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x	x	x	x	x
4	Trader	Raiffeisen Straubing GmbH	Other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x	x	x	x	x
5	Processor	Clariant Produkte (Deutschland) GmbH	Straw-based raw materials	Bioethanol	x	x	x	x	x
6	Supplier / Trader	TTW Waldpflege GmbH	Wood-based raw materials			x	x	x	
7	Trader	1heiz Pellets AG	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips		x	x	x	
8	Trader	Max Schierer GmbH	Wood-based raw materials		x	x	x	x	
9	End User	Biomasse Heizwerk Dingolfing GmbH, Stadtwerke Dingolfing GmbH	Other residues (wooden, agricultural)			x	x		
10	End User	Biomasseheizwerk Drachselried, Biomasse-Heizwerk Zellertal GmbH	Other residues (wooden, agricultural)			x	x		
11	Trader	AS Agency and Trade UG (haftungsbeschränkt)	Wood-based raw materials, energy crops, oilseeds, other residues (wooden, agricultural)	Vegetable oil, pellets, briquettes, wood chips	x	x	x	x	
12	End User	Biomasseheizwerk Furth GmbH & Co. KG	Other residues (wooden, agricultural)			x	x		
13	Trader	Treml OHG	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips		x	x	x	
14	Processor / Trader	Sägewerk Schwaiger GmbH & Co. KG	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x	x	x	x	x
15	Supplier / Processor	Biomasse Ecker GmbH&Co.KG	Wood-based raw materials	Wood chips	x	x	x	x	
16	Supplier / Trader	Forstwirtschaft Rudolf Laschinger	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips, other residues and materials (wooden, agricultural)	x	x	x	x	
17	End User	Biomasseheizwerk Regen GmbH				x	x		
18	End User	Heizwerk der Gemeinde Kollnburg GmbH	Other residues (wooden, agricultural)			x	x		

² In case of Germany, the WP3 analysis and the WP4 results listed here focus on Bavaria as Bavaria has the only navigable German stretch of the Danube as well as inland waterway connections to other European regions.
Project co-funded by European Union funds (ERDF)

No.	Company category	Company name	Type of raw material	Type of product	Logistics site	Next port < 100km	Next port < 200km	General suitability	Specific suitability
19	End User	Biomasseheizwerk Mitterfels GmbH	Other residues (wooden, agricultural)			x	x		
20	Processor / Trader	Holz Resch KG	Wood-based raw materials		x	x	x	x	
21	Trader	Scheiffele-Schmiederer KG	Wood-based raw materials	Pellets, briquettes, wood chips	x	x	x	x	
22	Processor / Trader	HOLZ SCHILLER GmbH	Wood-based raw materials		x	x	x	x	
23	Processor / Trader	Bayerwald-Pellet-GmbH & Co.KG	Other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x	x	x	x	
24	Trader	Holz-Montagebau	Wood-based raw materials, other residues (wooden, agricultural)	Firewood	x	x	x	x	
25	End User	Agrar-Energie-Heizwerk Vilshofen GmbH	Other residues (wooden, agricultural)			x	x		
26	Processor / Trader	Holzwerke Weinzierl GmbH	Wood-based raw materials	Pellets, briquettes, wood chips, other residues and materials (wooden, agricultural)	x	x	x	x	x
27	Processor / Trader	Hinkofer & Wolf UG	Wood-based raw materials	Other residues and materials (wooden, agricultural)	x	x	x	x	x
28	Supplier / Trader	Josef Lockinger	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips, other residues and materials (wooden, agricultural), firewood	x	x	x	x	
29	Trader	Natura Holzprodukte Handels GmbH & Co. KG	Wood-based raw materials	Firewood	x	x	x		x
30	Trader	BRENNPUNKT ENERGIE GmbH, Allgäu Pellets	Wood-based raw materials	Pellets, briquettes, wood chips	x		x	x	
31	Processor / Trader	Erdenwerk Gregor Ziegler GmbH	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x	x	x	x	
32	Processor / Trader	Pfeifer Holz GmbH	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips, other residues and materials (wooden, agricultural)	x	x	x	x	x
33	Trader	Biomassehof Achenal GmbH & Co KG	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips, firewood	x		x	x	
34	Trader	FHP Frankenwald Holzpellets GmbH	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x		x	x	
35	Trader	Firma Peter Gump	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips				x	
36	Trader	Kreuzmayr Bayern GmbH	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x	x	x	x	
37	Trader	Maier Korduletsch Energie GmbH	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x	x	x	x	

No.	Company category	Company name	Type of raw material	Type of product	Logistics site	Next port < 100km	Next port < 200km	General suitability	Specific suitability
38	Trader	Adolf Präg GmbH & Co. KG	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x			x	
39	Trader	Schnürer Energie e. Kfr.	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x	x	x	x	
40	Trader	Stärkere Stoffe Georg Wagner KG	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x	x	x	x	
41	Trader	StegMühle von Berg GmbH & Co.KG	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x			x	
42	Trader	BAHO GmbH	Wood-based raw materials, other residues (wooden, agricultural)	Other	x	x	x	x	x
43	Processor / Trader	Weiss Holzwerk GmbH	Wood-based raw materials	Other	x	x	x	x	
44	Supplier	Forstbetrieb Schmidbauer GmbH & Co. Kg	Wood-based raw materials	Other	x	x	x	x	
45	Processor / Trader	Holzbau Dünstl GmbH	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips, other	x	x	x	x	
46	Trader	Holzladen Gentner	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x	x	x	x	
47	Supplier / Processor / Trader	Holzwerk Ferdinand Stögbauer e.K.	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips, other	x	x	x	x	x
48	Supplier / Processor / Trader	MR Niederbayern GmbH	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips, firewood		x	x		
49	Trader	Sanomol GmbH, Chemdemand	Other residues (wooden, agricultural)			x	x		
50	Trader	Schmidmeier NaturEnergie GmbH	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x	x	x	x	
51	Processor / Trader	Südstärke GmbH	Starch-based raw materials	Other residues and materials (wooden, agricultural), other	x	x	x	x	x
52	Processor / Trader	Südstärke GmbH, Standort Sünching	Starch-based raw materials	Other residues and materials (wooden, agricultural), other	x	x	x	x	x
53	Processor / Trader	TECOSOL GmbH	Energy crops, oilseeds	Biodiesel	x			x	
54	Trader	Agrarhandel Erhardt GmbH	Straw-based raw materials, starch-based raw materials, energy crops, oilseeds		x	x	x	x	
55	Trader	Franz Buchner Landhandel	Straw-based raw materials, starch-based raw materials, energy crops, oilseeds		x	x	x	x	

No.	Company category	Company name	Type of raw material	Type of product	Logistics site	Next port < 100km	Next port < 200km	General suitability	Specific suitability
56	Supplier / Trader	Laubenbacher Agrarhandel GmbH & Co. KG	Straw-based raw materials, starch-based raw materials, energy crops, oilseeds		x	x	x	x	
57	Trader	Brennholz M. Gmeiner GbR	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips, firewood	x	x	x	x	
58	Trader	DANUBIA Holzbrennstoffe GmbH	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips, firewood	x	x	x	x	
59	Trader	Brennstoffhandel Lehner	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips, firewood	x	x	x	x	
60	Trader	Eberhard Limmer Einzelunternehmen	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips, firewood		x	x	x	
61	Trader	Werner Biobrennstoffe	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x	x	x	x	
62	Trader	HOT Briks GmbH	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips, firewood	x	x	x	x	
63	Trader	BAY.RO International	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips, firewood		x	x	x	
64	Trader	BAY.RO International	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips, firewood	x	x	x	x	
65	Trader	BavariaForst GmbH & Co. KG, HolzCenter Tegernheim	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips, firewood	x	x	x	x	
66	Supplier / Processor / Trader	Augesky Brennholzhandel und Forstdienstleistungen	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips, firewood	x	x	x	x	
67	Trader	Brennholz Plank	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips, firewood	x	x	x	x	
68	Trader	Bauer Nadezda	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x	x	x	x	
69	Processor / Trader	Vilsmeier Dienstleistungen	Other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x	x	x	x	
70	Processor / Trader	Sägewerk Christl OHG	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips, other residues and materials (wooden, agricultural), other	x	x	x	x	
71	Trader	Biomasse Hasenclever	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips, firewood	x	x	x	x	
72	Trader	Diermeier Energie GmbH	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x	x	x	x	
73	Trader	Nusser Mineralöl GmbH	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x	x	x	x	
74	Supplier	Forstservice Wirthmüller	Wood-based raw materials		x	x	x	x	

No.	Company category	Company name	Type of raw material	Type of product	Logistics site	Next port < 100km	Next port < 200km	General suitability	Specific suitability
75	Supplier / Processor / Trader	Forstbetrieb Maier	Other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x	x	x	x	
76	Supplier / Processor / Trader	Eibl Franz	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips, other residues and materials (wooden, agricultural), firewood	x	x	x	x	
77	Supplier	Forstunternehmen Vilser GmbH & Co. KG	Wood-based raw materials		x	x	x	x	
78	Supplier	Bayerische Staatsforsten AöR, Forstbetrieb Bodenmais	Wood-based raw materials	Firewood	x	x	x	x	
79	Supplier	Heinz Adam	Wood-based raw materials		x	x	x	x	
80	Supplier / Processor / Trader	Forstbetrieb Maier	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips, firewood	x	x	x	x	
81	Supplier / Trader	Waldbauernvereinigung Straubing e.V	Wood-based raw materials	Pellets, briquettes, wood chips	x	x	x		
82	End User	Biomasseheizanlage Grund- und Mittelschule Schwarzach	Wood-based raw materials	Pellets, briquettes, wood chips		x	x		
83	End User	Biomasse Heizkraftwerk Bezirksklinikum Mainkofen	Wood-based raw materials	Pellets, briquettes, wood chips		x	x	x	
84	Supplier / Trader	Forstbetrieb Brandl GbR	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips, firewood	x	x	x	x	
85	Supplier / Trader	Weismann GmbH	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips, firewood	x	x	x	x	
86	Trader	Holzhof Regensburg	Wood-based raw materials	Firewood	x	x	x	x	
87	Trader	Brennholz Schuster	Wood-based raw materials	Firewood	x	x	x	x	
88	Supplier / Trader	S & J Amann GbR	Wood-based raw materials	Firewood	x	x	x	x	
89	Trader	Brennholz Koller	Wood-based raw materials	Firewood	x	x	x	x	
90	Trader	Cukur Hürol und Neumeier Alexander GbR	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips, firewood	x	x	x	x	
91	Trader	Brennholz Stadler	Wood-based raw materials	Firewood	x	x	x	x	
92	Trader	Schweiger Handels GmbH	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips, firewood	x	x	x	x	
93	Trader	Zwickl Mineralölvertriebs GmbH	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips		x	x	x	
94	Trader	Böttcher Energie	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x	x	x		
95	End User	Biomasseheizwerk Ascha	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips		x	x		
96	End User	Biomasseheizwerk Aiterhofen	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips		x	x		

No.	Company category	Company name	Type of raw material	Type of product	Logistics site	Next port < 100km	Next port < 200km	General suitability	Specific suitability
97	End User	Biomasseheizwerk Bogen	Wood-based raw materials, other residues (wooden, agricultural), other (e.g. household waste)	Pellets, briquettes, wood chips, other residues and materials (wooden, agricultural)		x	x		
98	End User	Biomasseheizwerk Windberg	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips		x	x		
99	End User	Biomasseheizwerk Straubing IFH	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips		x	x		
100	End User	Biomasseheizwerk Straubing JVA	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips		x	x		
101	End User	Biomasseheizwerk Straubing Stadtgärtnerei	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips		x	x	x	
102	End User	Fußner GmbH	Other residues (wooden, agricultural), other (e.g. household waste)		x			x	x
103	Producer	J. Rettenmaier & Söhne GmbH + Co. KG	Wood-based raw materials, straw-based raw materials	Other	x			x	
104	End User	Wurzer Umwelt GmbH	Wood-based raw materials, other residues (wooden, agricultural), other (e.g. household waste)		x	x	x	x	
105	Trader	Südpellets.de	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x			x	
106	Supplier / Processor / Trader	Dillinger Biomasse GmbH & Co. KG	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x		x	x	x
107	Trader	Biomassehof Regensburg	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips, firewood	x	x	x	x	
108	Supplier / Processor / Trader / End User	Rothofer Umwelt OHG	Wood-based raw materials, other residues (wooden, agricultural), other (e.g. household waste)	Pellets, briquettes, wood chips, other residues and materials (wooden, agricultural), firewood	x	x	x	x	
109	Trader	BSB Biomasse-Service-Bayern e.K.	Wood-based raw materials, straw-based raw materials, other residues (wooden, agricultural)	Other residues and materials (wooden, agricultural), other	x		x	x	x
110	Trader	BayWa AG Essenbach	Wood-based raw materials	Pellets, briquettes, wood chips, other	x	x	x	x	x
111	Trader	FireStixx GmbH & Co. KG	Wood-based raw materials	Pellets, briquettes, wood chips	x	x	x	x	x
112	Trader	FastEnergy GmbH	Wood-based raw materials	Pellets, briquettes, wood chips	x	x	x	x	
113	Processor	Hot'ts	Wood-based raw materials	Pellets, briquettes, wood chips	x	x	x	x	x
114	Processor / Trader	Binderholz Deutschland GmbH	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips, firewood	x	x	x	x	x
115	Trader	BayWa AG Erding		Other	x	x	x	x	

No.	Company category	Company name	Type of raw material	Type of product	Logistics site	Next port < 100km	Next port < 200km	General suitability	Specific suitability
116	Trader	Römer Holz-Großhandel	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips, other	x		x	x	
117	Trader	Geiger GmbH	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x		x	x	
118	Trader	BayWa AG Neumarkt/Parksberg Vertrieb Energie	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x	x	x	x	
119	Trader	Deglmann Energie	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x	x	x	x	
120	Trader	BayWa AG Passau-Thyrnau Vertrieb Energie	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x	x	x	x	
121	Trader	BayWa AG Deggendorf Vertrieb Energie	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x	x	x	x	
122	Trader	BayWa AG Würzburg Vertrieb Energie	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x			x	
123	Trader	BayWa AG Kelheim-Saal Vertrieb Agrar	Other (e.g. household waste)	Other	x	x	x	x	x
124	Trader	ROTT & SOHN GmbH & Co. KG	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x	x	x	x	
125	Trader	Moser Agrar & Baufachzentrum e.K.	Other (e.g. household waste)		x	x	x	x	
126	Trader	BayWa AG Regensburg Vertrieb Agrar	Other (e.g. household waste)		x	x	x	x	x
127	Trader	BayWa AG Plattling Vertrieb Agrar	Other (e.g. household waste)		x	x	x	x	
128	Trader	AHS Agrarhandel Süd GmbH	Other (e.g. household waste)		x	x	x	x	
129	Trader	Schreiner & Ziegler Brennstoffhandel GmbH	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x	x	x	x	
130	Processor / Trader	B+S Bioenergie Vertriebs GmbH	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x	x	x	x	
131	Trader	Zieglmeier Energie Niederlassung Pfaffenhofen	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x	x	x	x	
132	Trader	Brennstoffe Kasberger	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x	x	x	x	
133	Trader	Bauer Biobrennstoffe	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x	x	x	x	
134	Trader	Brennholz Kapfer	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips, firewood	x	x	x	x	
135	Trader	Piehler Brennstoffhandel	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x	x	x	x	
136	Trader	Brennstoffe-List GmbH	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x	x	x	x	
137	Trader	Firma Franz Lehrer	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x	x	x	x	
138	Trader	Winklinger GmbH	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x	x	x	x	

No.	Company category	Company name	Type of raw material	Type of product	Logistics site	Next port < 100km	Next port < 200km	General suitability	Specific suitability
139	Supplier / Trader	Forstbetrieb Lorenz Manfred	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x	x	x	x	
140	Trader	Agrar Sitzberger	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x	x	x		
141	Supplier	Bernhard Bäuml GmbH & Co.KG	Wood-based raw materials, other residues (wooden, agricultural)			x	x	x	x
142	Processor	Südzucker AG	Sugar beet	Other residues and materials (wooden, agricultural), other	x	x	x	x	x
143	Processor	Südzucker AG / Cropenergies Bioethanol GmbH	Starch-based raw materials, sugar beet	Bioethanol	x				

3.2 Austria

No.	Company category	Company name	Type of raw material	Type of product	Logistics site	Next port < 100km	Next port < 200km	General suitability	Specific suitability
1	Processor / Trader	Andreas Wiesbauer GmbH	Wood-based raw materials	Pellets, briquettes, wood chips	x	x	x	x	
2	Processor / Trader	Arlberg Pellets (Holz Falch)	Wood-based raw materials	Pellets, briquettes, wood chips	x			x	
3	Processor / Trader	Binderholz GmbH	Wood-based raw materials	Pellets, briquettes, wood chips	x		x	x	x
4	Processor / Trader	Binderholz GmbH	Wood-based raw materials	Pellets, briquettes, wood chips	x		x	x	x
5	Processor / Trader	Binderholz GmbH	Wood-based raw materials	Pellets, briquettes, wood chips	x	x	x	x	x
6	Processor / Trader	Cycle Energy - Bioenergie Gaishorn	Wood-based raw materials	Pellets, briquettes, wood chips	x	x	x	x	x
7	Processor / Trader	Cycle Energy	Wood-based raw materials	Pellets, briquettes, wood chips	x	x	x	x	x
8	Processor / Trader	FM Pellets GmbH	Wood-based raw materials	Pellets, briquettes, wood chips	x	x	x	x	x
9	Processor / Trader	Franz Eigl GmbH, Waldviertel Pellets	Wood-based raw materials	Pellets, briquettes, wood chips	x	x	x	x	x
10	Processor / Trader	Enzlmüller	Wood-based raw materials	Pellets, briquettes, wood chips	x	x	x	x	
11	Processor / Trader	Firestixx-Salzburg-Pelletproduktion GmbH	Wood-based raw materials	Pellets, briquettes, wood chips			x	x	x
12	Processor / Trader	Glechner Ges.m.b.H.	Wood-based raw materials	Pellets, briquettes, wood chips	x	x	x	x	x
13	Processor / Trader	Glechner Ges.m.b.H.	Wood-based raw materials	Pellets, briquettes, wood chips	x	x	x	x	x
14	Processor / Trader	Hasslacher Hermagor GmbH - Norica plus	Wood-based raw materials	Pellets, briquettes, wood chips				x	x
15	Processor / Trader	Hasslacher Preding Holzindustrie GmbH	Wood-based raw materials	Pellets, briquettes, wood chips	x		x	x	
16	Processor / Trader	Holz-Bauer KG	Wood-based raw materials	Pellets, briquettes, wood chips			x	x	
17	Processor / Trader	Johann Pabst Holzindustrie GmbH	Wood-based raw materials	Pellets, briquettes, wood chips	x		x	x	
18	Processor / Trader	Kärntner Pellets - löwenstark	Wood-based raw materials	Pellets, briquettes, wood chips	x		x	x	
19	Processor / Trader	Labek Biopellets	Wood-based raw materials	Pellets, briquettes, wood chips	x		x	x	

No.	Company category	Company name	Type of raw material	Type of product	Logistics site	Next port < 100km	Next port < 200km	General suitability	Specific suitability
20	Processor / Trader	Ländle Pellets	Wood-based raw materials	Pellets, briquettes, wood chips	x			x	
21	Processor / Trader	Mafi Naturholzboden GmbH	Wood-based raw materials	Pellets, briquettes, wood chips	x	x	x	x	
22	Processor / Trader	MAK Holz GmbH	Wood-based raw materials	Pellets, briquettes, wood chips	x		x	x	
23	Processor / Trader	Mayr-Melnhof Holz Leoben GmbH	Wood-based raw materials	Pellets, briquettes, wood chips	x	x	x	x	x
24	Processor / Trader	Ökostixx GmbH	Wood-based raw materials	Pellets, briquettes, wood chips	x	x	x	x	x
25	Processor / Trader	Pellex Green Power	Wood-based raw materials	Pellets, briquettes, wood chips	x		x	x	
26	Processor / Trader	Pfeifer Holz GmbH & CoKG	Wood-based raw materials	Pellets, briquettes, wood chips	x		x	x	
27	Processor / Trader	Pfeifer Holz GmbH & CoKG	Wood-based raw materials	Pellets, briquettes, wood chips	x			x	
28	Processor / Trader	PROöko Energie GmbH	Wood-based raw materials	Pellets, briquettes, wood chips	x	x	x	x	
29	Processor / Trader	RZ Pellets GmbH Ybbs	Wood-based raw materials	Pellets, briquettes, wood chips	x	x	x	x	x
30	Processor / Trader	RZ Pellets GmbH Wiesenau	Wood-based raw materials	Pellets, briquettes, wood chips	x		x	x	x
31	Processor / Trader	RZ Pellets GmbH	Wood-based raw materials	Pellets, briquettes, wood chips	x	x	x	x	x
32	Processor / Trader	RZ Pellets GmbH	Wood-based raw materials	Pellets, briquettes, wood chips	x	x	x	x	x
33	Processor / Trader	RZ Pellets GmbH	Wood-based raw materials	Pellets, briquettes, wood chips	x	x	x	x	x
34	Processor / Trader	Schmidt-Energie Produktions GmbH	Wood-based raw materials	Pellets, briquettes, wood chips	x	x	x	x	x
35	Processor / Trader	Schößwendter Holz GmbH	Wood-based raw materials	Pellets, briquettes, wood chips	x	x	x	x	
36	Processor / Trader	Peter Seppele Gesellschaft m.b.H.	Wood-based raw materials	Pellets, briquettes, wood chips	x		x	x	
37	Processor / Trader	Sturmberger Pelletproduktions GmbH	Wood-based raw materials	Pellets, briquettes, wood chips	x	x	x	x	x
38	Processor / Trader	Weinsbergpellets	Wood-based raw materials	Pellets, briquettes, wood chips	x	x	x	x	x
39	End user	Bioenergie St. Gilgen registrierte Genossenschaft mit beschränkter Haftung - Biomasse-Heizwerk	Wood-based raw materials		x	x	x	x	

No.	Company category	Company name	Type of raw material	Type of product	Logistics site	Next port < 100km	Next port < 200km	General suitability	Specific suitability
40	End user	Biomasse Heizwerk Abfaltersbach GmbH	Wood-based raw materials						
41	End user	Biomasse Heizwerk Bezau GmbH	Wood-based raw materials						
42	End user	Biomasse Heizwerk GmbH	Wood-based raw materials			x	x		
43	End user	Biomasse Heizwerk Mellau GmbH	Wood-based raw materials						
44	End user	Biomasse Heizwerk Schwadorf GesmbH	Wood-based raw materials			x	x		
45	End user	Biomasse Heizwerk Zürs GmbH	Wood-based raw materials						
46	End user	Biomasse-Heizwerk Alberschwende GmbH	Wood-based raw materials						
47	End user	Biomasseheizwerk Bifang GmbH	Wood-based raw materials						
48	End user	Biomasse-Heizwerk Damüls GmbH	Wood-based raw materials						
49	End user	Biomasse-Heizwerk Gaschurn GmbH	Wood-based raw materials						
50	End user	BEG Bioenergie Gaspoltshofen GmbH	Wood-based raw materials			x	x		x
51	Processor	Binderholz	Wood-based raw materials		x		x	x	x
52	Processor	Brunner-Stern	Wood-based raw materials		x	x	x	x	x
53	Processor	Egger Holz	Wood-based raw materials		x	x	x	x	x
54	Processor	Erhart Holz	Wood-based raw materials		x			x	
55	Processor	Säge Gußwerk	Wood-based raw materials		x	x	x	x	
56	Processor	Hutter Sägewerk	Wood-based raw materials		x		x	x	
57	Processor	Holzindustrie Kaml & Huber	Wood-based raw materials		x	x	x	x	
58	Processor	Kirchner Säge- und Hobelwerk	Wood-based raw materials		x		x	x	
59	Processor	Holzindustrie Maresch	Wood-based raw materials		x	x	x	x	
60	Processor	Mayr-Melnhof Holding	Wood-based raw materials		x	x	x	x	x
61	Processor	Josef Moser	Wood-based raw materials		x	x	x	x	
62	Processor	Mosser Holzindustrie	Wood-based raw materials		x	x	x	x	
63	Processor	Neuschmied Holz	Wood-based raw materials		x		x	x	
64	Processor	Planegger Holz	Wood-based raw materials		x		x	x	
65	Processor	Prehofer Säge- u. Hobelwerk	Wood-based raw materials		x	x	x	x	x
66	Processor	Rubner Holzindustrie	Wood-based raw materials		x	x	x	x	
67	Processor	Donausäge Rumpplmayr	Wood-based raw materials		x	x	x	x	x
68	Processor	Samonig Sägewerk	Wood-based raw materials		x			x	
69	Processor	Schaffer Sägewerk & Holzexport	Wood-based raw materials		x		x	x	
70	Processor	Holzhof Schmidt	Wood-based raw materials		x	x	x	x	x
71	Processor	Schößwendter Holz	Wood-based raw materials		x	x	x	x	
72	Processor	Gebrüder Steininger	Wood-based raw materials		x	x	x	x	x
73	Processor	Stora Enso Wood Products	Wood-based raw materials		x	x	x	x	x
74	Processor	Brüder Theurl	Wood-based raw materials		x			x	
75	Processor	Troger Holz	Wood-based raw materials		x		x	x	
76	Processor	VM-Holz	Wood-based raw materials		x	x	x	x	

No.	Company category	Company name	Type of raw material	Type of product	Logistics site	Next port < 100km	Next port < 200km	General suitability	Specific suitability
77	Processor	Zwickl Holz	Wood-based raw materials		x	x	x	x	
78	End user ³	Anton Eder GmbH	n.a.	n.a.		x	x		
79	End user ²	Austroflammb GmbH	n.a.	n.a.		x	x		
80	End user ²	ETA Heiztechnik GmbH	n.a.	n.a.		x	x		
81	End user ²	Fröling Heizkessel- und Behälterbau Ges.m.b.H.	n.a.	n.a.		x	x		
82	End user ²	Gast Herd und Metallwarenfabrik	n.a.	n.a.		x	x		
83	Trader	Genol Gesellschaft m.b.H. & Co.	wood-based raw materials	pellets, briquettes, firewood	x	x	x	x	x
84	End user ²	Gilles Energie- und Umwelttechnik GmbH & Co KG	n.a.	n.a.	x	x	x		
85	End user ²	GUNTAMATIC Heiztechnik GmbH	n.a.	n.a.	x	x	x		
86	End user ²	Haas & Sohn Ofentechnik GmbH	n.a.	n.a.		x	x		
87	End user ²	HET Heiz- & Energietechnik Entwicklungs-GmbH	n.a.	n.a.		x	x		
88	End user ²	Hoval Gesellschaft mbH.	n.a.	n.a.	x	x	x		
89	End user ²	KÖB Holzheizsysteme GmbH	n.a.	n.a.					
90	End user ²	Kohlbach Ges.m.b.H & Co	n.a.	n.a.			x		
91	End user ²	KWB - Kraft und Wärme aus Biomasse GmbH	n.a.	n.a.			x		
92	End user ²	Lohberger Heiz- und Kochgeräte Technologie GmbH	n.a.	n.a.		x	x		
93	End user ²	Viessmann Holzfeuerungsanlagen Ges.m.b.H	n.a.	n.a.					
94	End user ²	ÖkoFEN Forschungs- und Entwicklungs Ges.m.b.H	n.a.	n.a.	x	x	x		
95	End user ²	Ortner GmbH	n.a.	n.a.		x	x		
96	End user ²	RIKA Metallwarenges.m.b. & Co KG	n.a.	n.a.	x	x	x		
97	End user ²	Urbas Maschinenfabrik GmbH	n.a.	n.a.			x		
98	End user ²	Viessmann	n.a.	n.a.		x	x		
99	End user ²	Windhager Zentralheizung Technik GmbH	n.a.	n.a.		x	x	x	x
100	Supplier/Trader	Fuchsluger	wood-based raw materials and other residues	wood chips, landscape gardening, green waste	x	x	x	x	x
101	Supplier/Processor/Trader	Pölzleitner Holz GmbH	wood-based raw materials	post-consumer and demolition wood	x		x	x	x
102	Supplier	Forstbetrieb des Stiftes Klosterneuburg	wood-based raw materials	wood chips	x	x	x	x	x
103	Supplier	Montecuccoli Forstbetrieb	wood-based raw materials	wood chips	x	x	x	x	x
104	Supplier	Forstbetrieb Esterházy	wood-based raw materials	wood chips	x	x	x	x	

³ End user: are mainly boiler manufacturers, since they are very important for the bioenergy economy in Austria (note: "types of raw material" and "type of product" are not applicable for this kind of end user).

No.	Company category	Company name	Type of raw material	Type of product	Logistics site	Next port < 100km	Next port < 200km	General suitability	Specific suitability
105	Processor/ Trader	Hanl Hackschnitzelerzeugung und Holzhandl	wood-based raw materials	wood chips	x	x	x	x	x
106	Supplier	Bäuerlicher Waldbesitzerverband Oberösterreich	wood-based raw materials	wood chips		x	x	x	
107	Supplier	ADF – Miscanthus	energy crops	miscanthus	x	x	x	x	
108	Supplier	ARGE Elefantenwärme	energy crops	miscanthus	x	x	x	x	x
109	End User	Lenzing AG	wood-based raw material	roundwood	x	x	x	x	x
110	Supplier	Miscanthus F.A.R.M.	energy crops	miscanthus	x	x	x	x	
111	Supplier	Team Giganteus	energy crops	miscanthus	x	x	x	x	
112	End user	Cycleenergy Gaishorn GmbH	wood-based raw materials	wood chips	x	x	x	x	x
113	End user	Cycleenergy Gresten GmbH	wood-based raw materials	wood chips	x	x	x	x	x
114	End user	Cycleenergy Aschach GmbH	wood-based raw materials	wood chips	x	x	x	x	x
115	End user	Nawaro Energie Betrieb GmbH	wood-based raw materials	wood chips	x	x	x	x	
116	End user	Biomassekraftwerk Timelkam	wood-based raw materials	wood chips	x	x	x	x	
117	End user	Biomassekraftwerk Neudörfl	wood-based raw materials	wood chips	x	x	x		
118	End user	Biomassekraftwerk im Fernheizkraftwerk Linz-Mitte	wood-based raw materials	wood chips	x	x	x	x	
119	End user	Biomasseheizkraftwerk Steyr	wood-based raw materials	wood chips	x	x	x	x	x
120	End user	Biomasseheizkraftwerk Baden	wood-based raw materials	wood chips	x	x	x	x	
121	End user	Biomasseheizkraftwerk Mödling	wood-based raw materials	wood chips	x	x	x	x	x
122	End user	Biomasseheizkraftwerk Ybbs	wood-based raw materials	wood chips	x	x	x	x	x
123	End user	Biomasseheizkraftwerk Lienz	wood-based raw materials	wood chips	x			x	x
124	Processor	Agrana Stärke GmbH	Starch-based raw materials, sugar beet	Bioethanol, other residues and materials (wooden, agricultural)	x	x	x	x	x
125	End user	Biomass Powerplant Simmering	Other residues (wooden, agricultural)		x	x	x	x	x
126	Processor	MÜNZER Bioindustrie GmbH	Oilseeds	Biodiesel	x	x	x	x	x
127	Processor	Bunge (Novaol Austria GmbH)	Oilseeds	Biodiesel, other	x	x	x	x	x
128	Processor	ABID-AG Biotreibstoffe	Oilseeds	Biodiesel	x	x	x	x	x
129	Trader	Stadlober GmbH		Pellets, briquettes, wood chips	x		x	x	x
130	Trader	Schmidmeier Naturenergie		Pellets, briquettes, wood chips	x			x	x
131	Trader	Raiffeisen Ware Austria AG	Starch-based raw materials, oilseeds, sugar beet	Pellets, briquettes, wood chips	x	x	x	x	x
132	Processor/ Trader	SPG Biopellets GmbH	Wood-based raw materials	Pellets, briquettes, wood chips	x		x	x	x
133	Trader	Fuchshuber Agrarhandel	Starch-based raw materials, oilseeds		x	x	x	x	x
134	Supplier	Österreichische Bundesforste	Wood-based raw materials		x	x	x		

3.3 Slovakia

No.	Company category	Company name	Type of raw material	Type of product	Logistics site	Next port < 100km	Next port < 200km	General suitability	Specific suitability
1	Processor, Trader	RASL, s.r.o.	Straw-based raw materials	Pellets, briquettes, wood chips	x	x	x		x
2	Processor, Trader	BIO TRADE & TRANS, s. r. o.	Wood-based raw materials, straw-based raw materials	Pellets, briquettes, wood chips		x	x	x	
3	Processor, Trader	Vojenské lesy a majetky SR - State company	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips, firewood	x	x	x		x
4	Processor	EPPROS, s.r.o.		Pellets, briquettes, wood chips		x	x		x
5	Trader	EnerBiz s. r. o.	Wood-based raw materials	Pellets, briquettes, wood chips, firewood		x	x		x
6	Trader	Ecobrix s. r. o.	Wood-based raw materials, straw-based raw materials	Pellets, briquettes, wood chips, other residues and materials (wooden, agricultural)	x	x	x	x	
7	Processor	BIOPRODUKT Dunajský Klátov, s.r.o.	Other residues (wooden, agricultural)	Other residues and materials (wooden, agricultural)	x	x	x		x
8	Processor	RUPOS, s.r.o.	Other residues (wooden, agricultural)	Other	x	x	x	x	
9	Processor, Trader	Ing. Peter Francisci - Ekover	Other residues (wooden, agricultural)	Other residues and materials (wooden, agricultural)	x	x	x		x
10	Processor, Trader	Agriwatt, s.r.o.	Other residues (wooden, agricultural)	Other residues and materials (wooden, agricultural)		x	x		
11	Processor	HelioPeleta s.r.o.	Wood-based raw materials	Pellets, briquettes, wood chips		x	x		x
12	Processor, Trader	Peter Mentel - Novamute	Wood-based raw materials, straw-based raw materials	Pellets, briquettes, wood chips		x	x	x	
13	End User	Intech Slovakia, s.r.o.	Wood-based raw materials	Firewood		x	x		x
14	Processor	Woodpecker SK, s. r. o.	Wood-based raw materials	Firewood		x	x		x
15	Processor	PALEKO, s. r. o.	Wood-based raw materials	Firewood		x	x		x
16	Processor	I. Svätajurská akciová spoločnosť	Wood-based raw materials	Firewood		x	x	x	
17	Processor Biogas	Dry Fermentation Biogas, n.o.	Other residues (wooden, agricultural)	Other		x	x		x
18	Processor	Viktor Kavický - MWNET	Wood-based raw materials	Pellets, briquettes, wood chips	x	x	x		x
19	Trader	PILEXIM S.R.O.	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips, other residues and materials (wooden, agricultural)	x	x	x	x	
20	Processor	MEROCO, a.s.	Oilseeds	Vegetable oil, biodiesel	x	x	x	x	
21	Processor	ENVIRAL, a.s.	Straw-based raw materials, starch-based raw materials, oilseeds	Bioethanol	x	x	x	x	x
22	Processor	Mestské lesy v Bratislave	Wood-based raw materials	Firewood		x	x		x

No.	Company category	Company name	Type of raw material	Type of product	Logistics site	Next port < 100km	Next port < 200km	General suitability	Specific suitability
23	Processor Biogas	ECO PWR, s. r. o.	-	Other		x	x	x	
24	Trader	SLOVWOOD Ružomberok, s.r.o.	Wood-based raw materials	Pellets, briquettes, wood chips, other residues and materials (wooden, agricultural), other, firewood			x		x
25	End User	Národná energetická, a.s.	Wood-based raw materials	Other		x	x		x
26	Trader	JAF HOLZ Slovakia, s.r.o.	Wood-based raw materials	Firewood	x	x	x	x	
27	Trader	Taper, s.r.o.				x	x	x	
28	End User	Slovenské energetické strojárna, a.s.	Wood-based raw materials	Other	x	x	x	x	
29	End User	Lesy SR, OZ Levice				x	x	x	
30	Producer	Lesy SR, š.p.	Wood-based raw materials	Pellets, briquettes, wood chips, other residues and materials (wooden, agricultural), firewood			x		
31	Trader, supplier, processor	Worldwood Slovakia sro	-	Wood chips, briquettes and chipboard					x
32	User	Termonova	-	Other	x		x		x
33	Processor, trader	Biopalivo	-	Bioethanol. other	x		x		x

3.4 Hungary

No.	Company category	Company name	Type of raw material	Type of product	Logistics site	Next port < 100km	Next port < 200km	General suitability	Specific suitability
1	Supplier & Processor	MBH Zrt.	Wood-based raw materials	Pellets, briquettes, wood chips, firewood		x	x	x	
2	End User	PannonPower Ltd		Pellets, briquettes, wood chips, other residues and materials (wooden, agricultural), other	x	x	x	x	
3	Supplier & Trader	Pannon-Biomassza Ltd	Wood-based raw materials, straw-based raw materials, energy crops, other residues (wooden, agricultural)		x	x	x	x	
4	Supplier	Jákófa Kft		Pellets, briquettes, wood chips, other residues and materials (wooden, agricultural)	x	x	x	x	
5	Supplier	Pellet Produkt Kft	Wood-based raw materials, energy crops	Pellets, briquettes, wood chips	x	x	x		
6	Supplier, Processor & Trader	Bio-Fungi Ltd		Other	x	x	x	x	x
7	Supplier & Trader	Hungrana Ltd	Starch-based raw materials	Bioethanol	x	x	x	x	
8	Supplier & Trader	Raklap és Tüzép Kft.	Wood-based raw materials, energy crops, other residues (wooden, agricultural)	Pellets, briquettes, wood chips, other residues and materials (wooden, agricultural)	x	x	x	x	x
9	Supplier & Trader	Rossi Biofuel Zrt.	Oilseeds, other residues (wooden, agricultural)	Biodiesel	x	x	x	x	
10	Trader	Pellet Expert			x	x	x	x	
11	Supplier & Trader	Bionova-Hungary Kft.	Wood-based raw materials, other residues (wooden, agricultural)	Pellets, briquettes, wood chips, firewood	x	x	x	x	x
12	Supplier & Trader	Pannonia Ethanol	Starch-based raw materials	Bioethanol, vegetable oil, other	x	x	x	x	
13	Supplier & Trader	Agrár-Béta Kft	Starch-based raw materials	Bioethanol	x	x	x	x	
14	End User	DBM Dél-nyírségi Bioenergia Művek Energiatermelő Zrt.	Wood-based raw materials, other residues (wooden, agricultural)		x			x	
15	End User	Mátrai Erőmű ZRt.	Straw-based raw materials, energy crops, other residues (wooden, agricultural)		x	x	x	x	
16	Processor	HEPIK Bt.		Pellets, briquettes, wood chips	x	x	x	x	x
17	Processor & end user	Fővárosi Hulladékhasznosító Mű	Other (e.g. household waste)	Other	x	x	x	x	

No.	Company category	Company name	Type of raw material	Type of product	Logistics site	Next port < 100km	Next port < 200km	General suitability	Specific suitability
18	Processor	Bunge Zrt		Vegetable oil	x		x	x	x
19	Processor	Pannon Növényolajgyártó Kft.		Vegetable oil	x	x	x	x	x
20	Processor	Biofilter Környezetvédelmi Zrt	Other (e.g. household waste)	Pellets, briquettes, wood chips	x	x	x		
21	Trader	Hazai Pellet Szolgáltató Kft.		Pellets, briquettes, wood chips			x		
22	Processor & Trader	Kincsem Hungária Szövetkezet	Straw-based raw materials, energy crops, other residues (wooden, agricultural)	Pellets, briquettes, wood chips		x	x		
23	Processor	T&T Technik Kft.	Wood-based raw materials	Pellets, briquettes, wood chips		x	x		
24	Trader	GlobalStone Magyarország Kft.	Wood-based raw materials	Pellets, briquettes, wood chips					
25	Trader	Szalontai RGB Bt.	Wood-based raw materials	Pellets, briquettes, wood chips				x	
26	Processor & Trader	Agri-Pellet Kft.	Other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x			x	
27	Supplier	Ipoly Erdő Zrt.	Wood-based raw materials	Pellets, briquettes, wood chips, firewood	x				
28	End user	Biohő Kft.	Wood-based raw materials, other residues (wooden, agricultural)	Other	x			x	
29	Supplier	Kisalföldi Erdőgazdasági Zrt.	Wood-based raw materials	Pellets, briquettes, wood chips, firewood	x			x	
30	Processor & Trader	Dunapart Bt.	Other residues (wooden, agricultural)	Pellets, briquettes, wood chips	x				

3.5 Croatia

No.	Company category	Company name	Type of raw material	Type of product	Logistics site	Next port < 100km	Next port < 200km	General suitability	Specific suitability
1	End User	LIKA ENERGO EKO d.o.o.	Wood-based raw materials	Pellets, briquettes, wood chips					
2	End User	UNIVERZAL D.O.O.	Wood-based raw materials	Other					
3	Processor/ End User	STRIZIVOJNA HRAST D.O.O.	Wood-based raw materials	Pellets, briquettes, wood chips, other residues and materials (wooden, agricultural)	x	x	x	x	
4	Processor/ End User	PELET GRUPA D.O.O.	Wood-based raw materials	Pellets, briquettes, wood chips			x	x	x
5	End User	SLAVONIJA oIE d.o.o	Wood-based raw materials	Other residues and materials (wooden, agricultural)	x	x	x	x	
6	End User	BE-TO GLINA d.o.o.	Wood-based raw materials	Other residues and materials (wooden, agricultural)					
7	End User	UNI VIRIDAS D.O.O.	Wood-based raw materials	Other residues and materials (wooden, agricultural)	x			x	
8	Processor	SPIN VALIS d.d.	Wood-based raw materials	Other residues and materials (wooden, agricultural)		x	x		
9	End User	SERVICE & ENGINEERING INDUSTRY	Wood-based raw materials	Other residues and materials (wooden, agricultural)					
10	End User	BENDIX D.O.O.	Wood-based raw materials	Other residues and materials (wooden, agricultural)					
11	Processor/ End User	SENSE ESCO BELIŠĆE D.O.O.	Wood-based raw materials	Other residues and materials (wooden, agricultural)				x	x
12	Processor	Biodizel Vukovar d.o.o	Oilseeds	Biodiesel		x	x		
13	Processor	BIOTRON d.o.o.	Oilseeds	Biodiesel				x	x
14	Processor	Vitrex d.o.o.	Other (e.g. household waste)	Biodiesel			x	x	x
15	Processor	PELETI RENGEL d.o.o	Straw-based raw materials	Pellets, briquettes, wood chips			x		
16	Processor	Energy pellets d.o.o	Wood-based raw materials	Pellets, briquettes, wood chips				x	x
17	Supplier	VELPEL d.o.o						x	x
18	End User	Solana Pag d.d.	Wood-based raw materials						
19	Trader	Solarno		Pellets, briquettes, wood chips					
20	Supplier	BETON-RAD d.o.o.	Wood-based raw materials	Pellets, briquettes, wood chips					
21	Supplier	FOREST d.o.o.	Wood-based raw materials	Pellets, briquettes, wood chips					
22	Processor	PPS Galeković d.o.o	Wood-based raw materials	Pellets, briquettes, wood chips				x	x
23	Processor	Drvoproizvod	Wood-based raw materials	Pellets, briquettes, wood chips, other				x	
24	Supplier/ Processor	Drvna industrija Zelina d.d.	Wood-based raw materials					x	
25	Processor	MDI d.o.o.	Wood-based raw materials	Other				x	

No.	Company category	Company name	Type of raw material	Type of product	Logistics site	Next port < 100km	Next port < 200km	General suitability	Specific suitability
26	Processor	Pilana Krašić d.o.o.	Wood-based raw materials	Other					
27	Processor	DI Novoselec d.o.o.	Wood-based raw materials	Other				x	
28	Processor	Pin d.o.o.	Wood-based raw materials	Pellets, briquettes, wood chips				x	x
29	Processor	Ante Mijić - Quercus d.o.o.	Wood-based raw materials	Pellets, briquettes, wood chips			x	x	x
30	Processor	MMM - Vukelić d.o.o.	Wood-based raw materials	Other				x	
31	Processor	Solidum - Žužić d.o.o.	Wood-based raw materials	Other					
32	Processor	Solidum - Žužić d.o.o.	Wood-based raw materials	Other				x	
33	Processor	ROBUR d.o.o.	Wood-based raw materials	Other, firewood					
34	Processor	Ante Mijić - Quercus d.o.o.	Wood-based raw materials	Other			x		
35	Processor	Damir Vuković d.o.o.	Wood-based raw materials	Other			x	x	
36	Processor	Drvni centar Glina d.o.o.	Wood-based raw materials	Other				x	x
37	Processor	DIP Karlovac d.d.	Wood-based raw materials	Other				x	
38	Processor	MPS-67 d.o.o.	Wood-based raw materials	Other				x	
39	Processor	Požgaj d.o.o.	Wood-based raw materials	Other	x				
40	Processor	Drvo Vrhovine d.o.o.	Wood-based raw materials	Other	x				
41	Processor	Drvna industrija Bohor d.o.o.	Wood-based raw materials	Other	x				
42	Processor	Hrast Export Puklavec d.o.o.	Wood-based raw materials	Other	x				
43	Processor	Drvo Commerce Huzjak d.o.o.	Wood-based raw materials	Other	x				
44	Processor	Drvodjelac d.o.o. - Pilana Bednja	Wood-based raw materials	Other	x				
45	Processor	TPS GRUPA d.o.o.	Wood-based raw materials	Other	x				
46	Processor	Bilokalnik drvo d.o.o. - pilana	Wood-based raw materials	Other	x				
47	Processor	Prima mobilis d.o.o. (ex. Brestovac pilana d.o.o.)	Wood-based raw materials	Other	x		x	x	
48	Processor	Garstil d.o.o.	Wood-based raw materials	Other	x		x		
49	Processor	Čazma trade d.o.o.	Wood-based raw materials	Other	x				
50	Processor	Drvenjača d.d.	Wood-based raw materials	Pellets, briquettes, wood chips	x				
51	Processor	Energy Pellets d.o.o.	Wood-based raw materials	Pellets, briquettes, wood chips	x				
52	Processor	Finvestcorp d.d.	Wood-based raw materials	Pellets, briquettes, wood chips	x				
53	Processor	Di Klana d.d.	Wood-based raw materials	Other	x				
54	Processor	Ravnogorska pilana d.o.o.	Wood-based raw materials	Other	x				
55	Processor	DIP Pilana Gomirje d.o.o. (in bankruptcy)	Wood-based raw materials	Other	x				
56	Processor	GEC GP d.o.o.	Wood-based raw materials	Other	x				
57	Processor	Calligaris d.o.o.	Wood-based raw materials	Other	x				
58	Processor	Tvin drvna industrija d.o.o.	Wood-based raw materials	Other	x		x		
59	Supplier	Gamauf	Wood-based raw materials	Pellets, briquettes, wood chips	x		x		
60	Processor	Spin Valis d.d.	Wood-based raw materials	Other	x	x	x	x	
61	Processor	Slavonija DI d.o.o.	Wood-based raw materials	Other	x	x	x	x	
62	Supplier	Agroeuropa d.o.o.	Wood-based raw materials	Pellets, briquettes, wood chips	x	x	x	x	
63	Supplier	A.M.S. - BIOMASA d.o.o.	Wood-based raw materials	Pellets, briquettes, wood chips, firewood	x	x	x	x	x

No.	Company category	Company name	Type of raw material	Type of product	Logistics site	Next port < 100km	Next port < 200km	General suitability	Specific suitability
64	Supplier/Processor	Strizivojna - Hrast d.o.o.	Wood-based raw materials	Pellets, briquettes, wood chips, other	x	x	x	x	
65	Processor	Prerada drveta d.d.	Wood-based raw materials	Other	x	x	x		
66	Processor	Đakovo pilana d.o.o.	Wood-based raw materials	Other	x	x	x		
67	Processor	BELIŠĆE ENERGETIKA d.o.o. (ex Belišće d.d.)	Wood-based raw materials	Other	x	x	x	x	
68	Processor	A-G Dinas d.o.o. (in bankruptcy)	Wood-based raw materials	Other	x	x	x		
69	Supplier/Processor	Spačva d.d.	Wood-based raw materials	Pellets, briquettes, wood chips, other	x	x	x	x	x
70	Supplier	Šišarka d.o.o.	Wood-based raw materials	Pellets, briquettes, wood chips	x	x	x	x	
71	Supplier	Lamel d.o.o.	Wood-based raw materials	Pellets, briquettes, wood chips	x	x	x		
72	Processor	Furnir Otok d.d.	Wood-based raw materials	Other	x	x	x	x	x
73	Processor	Naprijed d.o.o.	Wood-based raw materials	Other	x				
74	Supplier	Promming d.o.o.	Wood-based raw materials	Pellets, briquettes, wood chips	x		x		
75	Supplier/Processor	PANA d.d.	Wood-based raw materials	Pellets, briquettes, wood chips, other	x		x		
76	Supplier/Processor	Mundus viridis d.o.o.	Wood-based raw materials	Pellets, briquettes, wood chips, other, firewood	x			x	
77	Supplier	JVR d.o.o.	Wood-based raw materials	Pellets, briquettes, wood chips	x				
78	Supplier	Viševicakomp d.o.o.	Wood-based raw materials	Pellets, briquettes, wood chips	x				
79	Supplier	Moderator d.o.o.	Wood-based raw materials	Pellets, briquettes, wood chips	x				
80	Supplier	Dasović d.o.o.	Wood-based raw materials	Pellets, briquettes, wood chips, firewood	x				
81	Processor	Pilana Krasno d.o.o.	Wood-based raw materials	Other	x				
82	Supplier	Šumska biomasa	Wood-based raw materials	Pellets, briquettes, wood chips, other residues and materials (wooden, agricultural)	x			x	
83	Supplier	A-pelet	Wood-based raw materials	Pellets, briquettes, wood chips	x			x	

3.6 Romania

No.	Company category	Company name	Type of raw material	Type of product	Logistics site	Next port < 100km	Next port < 200km	General suitability	Specific suitability
1	Processor	AD PRIME DISTRIBUTION SRL	Wood-based raw materials						
2	Processor	FBR FORESTOPS S.A.					x		
3	Processor	EGGER Romania	Wood-based raw materials					x	x
4	Processor	Elnet Instal	Wood-based raw materials		x	x	x	x	x
5	Processor	Holzindustrie Schweighofer S.R.L.	Wood-based raw materials	Pellets, briquettes, wood chips	x			x	x
6	End user	Holzindustrie Schweighofer S.R.L.	Wood-based raw materials	Pellets, briquettes, wood chips	x			x	x
7	End user	BIOENERGY SUCEAVA	Wood-based raw materials		x				
8	End user	TEB Energy Business	Straw-based raw materials		x			x	x
9	End user	ENVISAN	Other (e.g. household waste)		x		x	x	x
10	Processor	Ness Proiect Europe		Pellets, briquettes, wood chips			x		
11	End user	Ness Proiect Europe		Pellets, briquettes, wood chips		x	x		
12	Processor	Forestar	Wood-based raw materials	Pellets, briquettes, wood chips	x			x	x
13	Processor	Prutul	Oilseeds	Vegetable oil, biodiesel	x	x	x	x	x
14	Processor	Eco Wood		Pellets, briquettes, wood chips				x	x
15	Processor	Industry Transilvan SRL		Pellets, briquettes, wood chips				x	x
16	Processor	Ecoforest srl						x	
17	Processor	Ameco Renewable Energy SRL		Pellets, briquettes, wood chips				x	x
18	Processor	ULEROM SA		Vegetable oil, biodiesel	x		x	x	x
19	Processor	Biofuel Energy SRL		Bioethanol	x	x	x	x	x
20	Processor	Agro Factory SRL		Pellets, briquettes, wood chips	-	x	x	-	-
21	Processor	Agropan SRL		Pellets, briquettes, wood chips	-	x	x	-	-
22	Processor	Interagro		Pellets, briquettes, wood chips	x	x	x	x	x
23	Processor	Patru Agro SRL		Pellets, briquettes, wood chips	-	x	x	-	-
24	Processor	Barlinek Romania SRL	Wood-based raw materials	Pellets, briquettes, wood chips	-		x	-	-
25	Processor	Energy Serv		Pellets, briquettes, wood chips	x	x	x	x	x
26	Processor	Cerealcon Dolj	Straw-based raw materials, starch-based raw materials		x	x	x	x	x
27	Trader	ADM Romania Trading	Straw-based raw materials		x	x	x	x	x
28	Trader	Ameropa Grains SA	Straw-based raw materials, starch-based raw materials		x	x	x	x	x
29	Trader	Nidera Romania SRL	Straw-based raw materials, starch-based raw materials		x	x	x	x	x
30	Trader	Glencore Romania SRL	Oilseeds		x	x	x	x	x
31	Processor	Bunge Romania SRL	Oilseeds	Biodiesel	x	x	x	x	x
32	Processor	Losan Romania	Wood-based raw materials			x	x	x	
33	Supplier	Normarom Industrie SEL	Wood-based raw materials			x	x		

No.	Company category	Company name	Type of raw material	Type of product	Logistics site	Next port < 100km	Next port < 200km	General suitability	Specific suitability
34	Supplier	Ecolemn Products SRL	Wood-based raw materials			x	x	x	x
35	Supplier	Colcear Servcom SRL	Wood-based raw materials		x	x	x	x	
36	Supplier	Yildiz Entegre Romania	Wood-based raw materials				x		
37	Supplier	Romanel International Group SRL	Wood-based raw materials			x	x		
38	Processor	Kronospan	Wood-based raw materials				x	x	x
39	Supplier	Energo Granula	Wood-based raw materials					x	x
40	Processor	Pellet Fabrique	Wood-based raw materials			x	x		
41	Processor	Eco Pellet Invest	Wood-based raw materials		x	x	x	x	
42	Processor	Kontrastwege	Energy crops					x	
43	Processor	Paulownia GreenE	Energy crops					x	

3.7 Bulgaria

No.	Company category	Company name	Type of raw material	Type of product	Logistics site	Next port < 100km	Next port < 200km	General suitability	Specific suitability
1	Processor, Trader	DeltaForest	Wood-based raw materials	Pellets, briquettes, wood chips			x	x	
2	Processor, Trader	SAMKOV Invest OOD	Wood-based raw materials	Pellets, briquettes, wood chips	x		x	x	
3	Processor, Trader	Corepellet OOD	Wood-based raw materials	Pellets, briquettes, wood chips			x	x	
4	Processor, Trader	Pirin Pellet EOOD	Wood-based raw materials	Pellets, briquettes, wood chips	x			x	
5	Processor, Trader	AHIRA JSC	Wood-based raw materials	Pellets, briquettes, wood chips	x		x	x	
6	Processor, Trader	Arsoff 90 Ltd.	Wood-based raw materials	Other residues and materials (wooden, agricultural)	x	x	x	x	x
7	Processor, Trader	Keramaris Impex LTD	Wood-based raw materials	Firewood			x		
8	Processor, Trader	BURGAS FIREWOOD OAK ASH BEECH EXPORT LIMITED	Wood-based raw materials	Firewood			x		
9	Processor, Trader	WOOD BULGARIA Ltd.	Wood-based raw materials	Firewood					
10	Supplier, Processor, Trader	Red Wood Trade	Wood-based raw materials	Pellets, briquettes, wood chips	x		x	x	x
11	Processor, Trader	BIOENERGY Ltd.	Wood-based raw materials	Pellets, briquettes, wood chips	Plant: Kaleytsa, Troyan		x	x	x
12	Processor, Trader	Visor LTD OOD	Wood-based raw materials	Pellets, briquettes, wood chips			x		
13	Supplier, Processor, Trader	Alpina Group Bulgaria Ltd.	Wood-based raw materials	Pellets, briquettes, wood chips, other residues and materials (wooden, agricultural), firewood			x	x	
14	Processor, Trader	ROCCOPELLET LTD	Wood-based raw materials	Pellets, briquettes, wood chips			x	x	
15	Processor, Trader	„Motocar Service” Ltd.	Wood-based raw materials	Pellets, briquettes, wood chips	x		x	x	
16	Processor, Trader	EKO BIO KALOR LTD	Wood-based raw materials	Pellets, briquettes, wood chips	x			x	
17	Processor, Trader	LESOTERM-M	Wood-based raw materials	Pellets, briquettes, wood chips, other residues and materials (wooden, agricultural), firewood				x	

No.	Company category	Company name	Type of raw material	Type of product	Logistics site	Next port < 100km	Next port < 200km	General suitability	Specific suitability
18	Supplier, Processor, Trader	HOLZ TRADE 87 SLTD	Wood-based raw materials	Pellets, briquettes, wood chips, firewood	x		x	x	
19	Processor, Trader	TRON Ltd.	Wood-based raw materials	Pellets, briquettes, wood chips	x	x	x	x	x
20	Processor, Trader	Bioenergy Sliven Ltd	Wood-based raw materials	Pellets, briquettes, wood chips			x	x	
21	Processor, Trader	Agri Market Ltd.	Wood-based raw materials	Pellets, briquettes, wood chips			x	x	
22	Processor, Trader	Leskomers 94 Ltd.	Wood-based raw materials	Pellets, briquettes, wood chips	x		x	x	x
23	Processor, Trader	Daris Ltd.	Wood-based raw materials	Pellets, briquettes, wood chips	x			x	
24	Processor, Trader	Inter Machinex Ltd.	Wood-based raw materials	Pellets, briquettes, wood chips	Plant: Sarnitza		x	x	
25	Processor, Trader	Erato Ressource LTD	Wood-based raw materials	Pellets, briquettes, wood chips, other residues and materials (wooden, agricultural), firewood			x	x	
26	Processor, Trader	Kagip OOD	Wood-based raw materials	Pellets, briquettes, wood chips					
27	Processor, Trader	Eko Bio Maks EOOD	Wood-based raw materials	Pellets, briquettes, wood chips, other residues and materials (wooden, agricultural)			x	x	
28	Supplier, Processor, Trader	Ekoteknika	Wood-based raw materials	Pellets, briquettes, wood chips	x		x	x	x
29	Processor, Trader	J-Term EOOD	Wood-based raw materials	Pellets, briquettes, wood chips			x	x	
30	Processor, Trader	GTI Ltd.	Wood-based raw materials	Pellets, briquettes, wood chips					
31	Processor, Trader	Silwood EOOD	Wood-based raw materials	Pellets, briquettes, wood chips, other residues and materials (wooden, agricultural)	x	x	x	x	x
32	Processor, Trader	TOPLIVO AD	Wood-based raw materials	Pellets, briquettes, wood chips, other residues and materials (wooden, agricultural), firewood			x	x	
33	Processor, Trader	Ecoflame OOD	Wood-based raw materials	Pellets, briquettes, wood chips		x	x	x	
34	Processor, Trader	Albrek	Wood-based raw materials	Pellets, briquettes, wood chips			x		

No.	Company category	Company name	Type of raw material	Type of product	Logistics site	Next port < 100km	Next port < 200km	General suitability	Specific suitability
35	Processor, Trader	Kadi OOD	Wood-based raw materials	Pellets, briquettes, wood chips			x		
36	Processor, Trader	Bioresursi EOOD	Wood-based raw materials	Pellets, briquettes, wood chips		x	x	x	
37	Processor, Trader	Eko Brik	Wood-based raw materials	Pellets, briquettes, wood chips		x	x		
38	Supplier, Processor, Trader	Eko Bio Bri EOOD	Straw-based raw materials	Pellets, briquettes, wood chips	x		x	x	
39	Processor, Trader	Eko Briketi 2016	Wood-based raw materials	Pellets, briquettes, wood chips			x	x	
40	Processor, Trader	Best Pelets Ltd.	Wood-based raw materials, straw-based raw materials, oilseeds	Pellets, briquettes, wood chips		x	x	x	x
41	Processor, Trader	Energy House Ltd.	Wood-based raw materials	Pellets, briquettes, wood chips, other residues and materials (wooden, agricultural), other			x	x	
42	Processor, Trader	National 7 Ltd	Wood-based raw materials	Pellets, briquettes, wood chips			x	x	
43	Processor, Trader	Pelletissimo Ltd.	Wood-based raw materials	Pellets, briquettes, wood chips	x		x	x	
44	Processor, Trader	Toriya – 08 Ltd.	Wood-based raw materials	Pellets, briquettes, wood chips	x			x	
45	Processor, Trader	Lovela OOD	Wood-based raw materials	Firewood	x	x	x	x	x
46	Processor, Trader	Ekoeffect Bulgarien LTD.	Wood-based raw materials, straw-based raw materials, oilseeds	Pellets, briquettes, wood chips, other residues and materials (wooden, agricultural), firewood	x		x	x	
47	Processor, Trader	Euro Trade Consulting Company Ltd.	Wood-based raw materials, oilseeds	Pellets, briquettes, wood chips	x	x	x	x	x
48	Supplier, Processor, Trader	Brevis Ltd.	Oilseeds	Other		x	x	x	x
49	Processor, Trader	Kehlibar	Oilseeds	Vegetable oil, pellets, briquettes, wood chips, other residues and materials (wooden, agricultural), other	x	x	x	x	x
50	Processor, Trader	Olimex	Oilseeds	Vegetable oil, pellets, briquettes, wood chips, other residues and materials (wooden, agricultural), other	x	x	x	x	x

No.	Company category	Company name	Type of raw material	Type of product	Logistics site	Next port < 100km	Next port < 200km	General suitability	Specific suitability
51	Processor, Trader	Papas Oil JSC	Oilseeds	Vegetable oil, pellets, briquettes, wood chips, other residues and materials (wooden, agricultural), other			x	x	x
52	Processor, Trader	Gold oil LTD	Oilseeds	Vegetable oil, pellets, briquettes, wood chips, other residues and materials (wooden, agricultural), other	x		x	x	x
53	Trader	KMS FOODS LTD	Oilseeds	Other residues and materials (wooden, agricultural)	x	x	x	x	x
54	Processor, Trader	Maristo & Co	Oilseeds	Pellets, briquettes, wood chips, other residues and materials (wooden, agricultural)	Plant: Loznitsa, Razgrad		x	x	x
55	Processor, Trader	BALCHO AGRO PRODUCT LTD	Oilseeds	Vegetable oil, other residues and materials (wooden, agricultural), other	Plant: Loznitsa, Razgrad		x	x	x
56	Processor, Trader	"BISER OLIVA" JSC	Oilseeds	Vegetable oil, other residues and materials (wooden, agricultural)			x	x	
57	Processor, Trader	„Geostroy Engineering” Ltd.	Oilseeds	Vegetable oil, other residues and materials (wooden, agricultural), other	x		x	x	x
58	Trader	S. N. Export Serres North Export Ltd.	Oilseeds	Vegetable oil, other residues and materials (wooden, agricultural), other			x	x	x
59	Supplier, Processor, Trader	PREDEL OOD	Straw-based raw materials, starch-based raw materials, oilseeds	Vegetable oil, pellets, briquettes, wood chips, other residues and materials (wooden, agricultural), other	x	x	x	x	x
60	Trader	Union 09 Ltd	Straw-based raw materials, starch-based raw materials, oilseeds	Other residues and materials (wooden, agricultural), other			x	x	x
61	Processor, Trader	Brama Ltd	Oilseeds	Vegetable oil, pellets, briquettes, wood chips, other residues and materials (wooden, agricultural), other		x	x	x	x
62	Processor, Trader	Astra Bioplant EOOD	Oilseeds	Vegetable oil, biodiesel, other residues and materials (wooden, agricultural)	x	x	x	x	x
63	Processor, Trader	"Guytek Oliva" Ltd.	Oilseeds	Vegetable oil, other residues and materials (wooden, agricultural)	Plant: Nova Zagora		x	x	x
64	Processor, Trader	"Kris Oil 97" Ltd.	Oilseeds	Vegetable oil, other	x		x	x	x

No.	Company category	Company name	Type of raw material	Type of product	Logistics site	Next port < 100km	Next port < 200km	General suitability	Specific suitability
65	Processor, Trader	Pliska Oil Ltd.	Oilseeds	Vegetable oil, other residues and materials (wooden, agricultural), other	Plant: Veliki Preslav	x	x	x	x
66	Processor, Trader	Olimex Ltd.	Oilseeds	Vegetable oil, other residues and materials (wooden, agricultural), other	x	x	x	x	x
67	Processor, Trader	Klas Oil JSC	Oilseeds	Vegetable oil, other residues and materials (wooden, agricultural)	x	x	x	x	x
68	Processor, Trader	“ROSA” AD	Oilseeds	Vegetable oil, other residues and materials (wooden, agricultural), other	x	x	x	x	x
69	Processor, Trader	Kerpi Ltd.	Oilseeds	Other residues and materials (wooden, agricultural), firewood		x	x	x	x
70	Processor, Trader	Ren Group Bulgaria Ltd.	Oilseeds	Other residues and materials (wooden, agricultural)			x	x	x
71	Trader	Vitagrains BG AD	Straw-based raw materials, oilseeds	Other residues and materials (wooden, agricultural)	x		x	x	x
72	Processor, Trader	Faustina Group Ltd.	Oilseeds	Vegetable oil, biodiesel, pellets, briquettes, wood chips, other residues and materials (wooden, agricultural)	x	x	x	x	x
73	End user	Biomass central heating plant	Wood-based raw materials	Pellets, briquettes, wood chips, other residues and materials (wooden, agricultural), firewood					
74	End user	Oberosterreichische Biodiesel Bulgaria LTD	Oilseeds	Vegetable oil, biodiesel, other	x	x	x	x	x
75	End user	Almagest ad	Straw-based raw materials	Bioethanol, other residues and materials (wooden, agricultural), other	x		x	x	x
76	Processor, Trader, End user	FAZERLES AD	Wood-based raw materials, other residues (wooden, agricultural)	Other residues and materials (wooden, agricultural)		x	x		
77	End user	Mondi Stambolijski EAD	Wood-based raw materials, other residues (wooden, agricultural)	Other residues and materials (wooden, agricultural)			x		
78	End user	Svilosa AD	Other residues (wooden, agricultural)	Other residues and materials (wooden, agricultural)			x		
79	End user	Hospital Oriahovo	Wood-based raw materials	Pellets, briquettes, wood chips		x	x		
80	End user	Kindergarten Elhitsa	Wood-based raw materials	Pellets, briquettes, wood chips			x		
81	Manufacturer	Vaptech			x		x	x	

4. Conclusions

The inventory presented in chapter 3 provides a sound basis to estimate the modal shift potential in the biomass and bioenergy industry for Danube navigation. The list of companies covers a wide range of enterprises, including suppliers, processors, traders as well as end users.

In the frame of WP3 an extensive list of companies has been clustered already according to the respective types of biomass, which could potentially be transported on the Danube:

Bio-based raw materials

- Wood-based raw materials
- Starch-based raw materials
- Sugar beets
- Oil seeds
- Straw
- Other primary residue material (agro, wood industry)

Bioenergy Products

- Bioethanol
- Biodiesel
- Vegetable oil
- Pellets, briquettes, wood chips, firewood

Based on this assignment WP4 focused on the evaluation of the following logistic criteria to receive an inventory of potential customers for Danube logistics:

- Relevance of the company site in terms of logistics (production, storage, handling)
- Accessibility of the Danube waterway (distance to next Danube port)
- General suitability of product for transport on the Danube
- Specific suitability due to transport volumes, relations and length

In the course of the evaluation the ENERGY BARGE logistics partners also collected the contact data of the person/department responsible for logistics in the respective company for the further work in WP4. Due to data protection requirements the contact data were not published in this report. It can be extracted from a separate Excel-table during the implementation of future WP4 activities.

Thus the inventory will serve as an invitation list for the regional Business-to-Business meetings organized in the frame of Activity 4.3 and Output 4.2. These stakeholders will also be invited to join the modal shift platform for green bioenergy logistics with a company profile (Output 3.1 and 4.1).

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<http://www.interreg-danube.eu/approved-projects/energy-barge>