

Value chains : Prime mover and Main Characteristics

- Stakeholder Type
- | | |
|---|---|
| <input type="checkbox"/> Farmer | <input type="checkbox"/> Agrarian Cooperative |
| <input type="checkbox"/> Public Institution | <input type="checkbox"/> Agro-Services |
| <input type="checkbox"/> Final Consumer | <input type="checkbox"/> Farmer Association |
| <input type="checkbox"/> ESCO | <input type="checkbox"/> Agro Industry |
| <input type="checkbox"/> Pellet Producer | <input type="checkbox"/> Biomass Supplier |
| <input checked="" type="checkbox"/> Power plant | |

Location of Prime Mover

Municipality : Calimera

Latitude : 40.245298

Longitude : 18.291137



- Type of Residue used in value chain
- Pruning Plantation Removal Both
- Crop Species used in Value Chain
- | | | | |
|--|------------------------------------|-------------------------------------|----------------------------------|
| <input checked="" type="checkbox"/> olives | <input type="checkbox"/> vineyards | <input type="checkbox"/> apples | <input type="checkbox"/> pears |
| <input type="checkbox"/> peaches | <input type="checkbox"/> apricot | <input type="checkbox"/> nectarine | <input type="checkbox"/> plum |
| <input type="checkbox"/> cherries | <input type="checkbox"/> oranges | <input type="checkbox"/> tangerines | <input type="checkbox"/> lemons |
| <input type="checkbox"/> grapefruit | <input type="checkbox"/> hazelnuts | <input type="checkbox"/> chestnuts | <input type="checkbox"/> almonds |

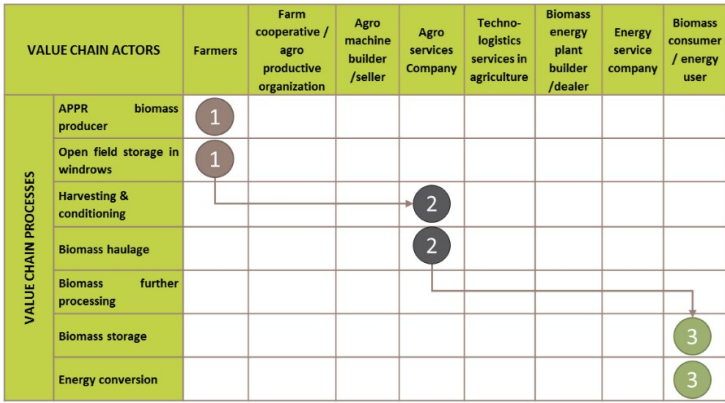
Total Plantation Area involved in the Value Chain (ha) 2,400-2,700

Typical APPR biomass production (tonnes/year) 8000

Start Date of the APPR value chain (Month-Year) _____

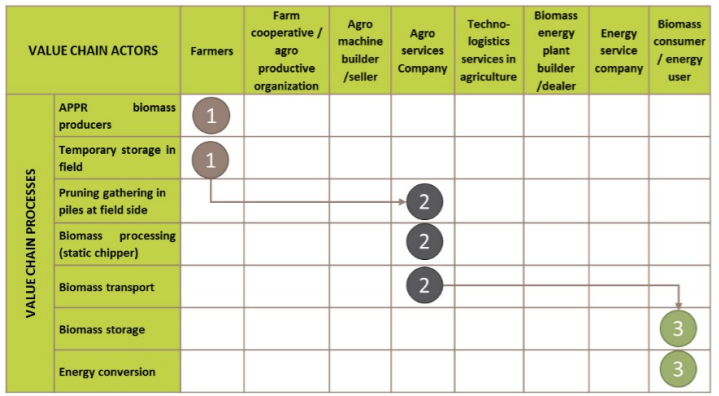
Actors and Roles in Value Chain

Fiusis – Value chain 1



1 Farmers 2 Ligna (Fiusis subsidiary) 3 Fiusis power plant

Fiusis – Value chain 2



1 Farmers 2 Ligna (Fiusis subsidiary) 3 Fiusis power plant

Fuel Specifications

Final form of Biomass prior to Exploitation

- Bales of branches
 Hog fuel-shredded

- Wood chips
 Pellets

Moisture content (%) :

Max Content of Ash (% a.r.) :

Min LHV (kj/kg a.r.) :

Value Chain Details and Prices of fuels

End-users

- Self-consumption
 Public-private buildings
 Biomass to Market
 Electricity production

- Industrial heating
 Distributed heat networks

Distance between biomass production and its final use (km) :

Storage options

- On-farm storage
 Intermediate storage prior transporting to end user
 Direct delivery and storage at final user
 No storage

Ownership of the APPR harvesting machinery

- Farmer
 Leasing
 3rd party-private
 Power plant

- Farmer's community
 Municipality-public

Prices of fuels sold
to final consumers

Price of APPR biomass (€/t)

Price of regular woodchips (€/t)

Price of ENPLUS pellets (bulk-€/t)

Price of domestic heating gasoil (€/l)

Have you filled the questionnaire about
mechanized pruning/plantation removal ?

Yes

No

If yes, please provide the name or e-mail you have
used on that questionnaire

Contact Data

Name :

Email :

info@fiusis.com

Phone :

Company/Organisation :

Fiusis

Website (of the company or the APPR initiative) :

http://fiusis.com/

Logo of the company :

Country :

Italy





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