

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 checked="" 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     |

Location of Prime Mover \_\_\_\_\_

Municipality :

Latitude : 38.851531

Longitude : -6.357852



- Type of Residue used in value chain
- Pruning       Plantation Removal       Both
- Crop Species used in Value Chain
- |  |   |                                     |                                  |
|--|---|-------------------------------------|----------------------------------|
| <input checked="" type="checkbox"/> olives | <input checked="" 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 |
| <input checked="" type="checkbox"/>        |   |                                     |                                  |

Total Plantation Area involved in the Value Chain (ha) 5000

Typical APPR biomass production (tonnes/year) 49000

Start Date of the APPR value chain (Month-Year) 2016

## 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  
 Power plant

- Industrial heating  
 Distributed heat networks

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

Up to 100 km; average of 30 - 60 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

- 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 : Adolfo Esbec

Email : aesbec@ence.es

Phone : +34 924 439 268

Company/Organisation : ENCE Mérida

Website (of the company or the APPR initiative) : <https://www.ence.es/es/mérida.html>

Logo of the company : \_\_\_\_\_

Country : Spain



