Development and implementation of a new, and non-existent, logistics chain for biomass from pruning

Fact Sheet

**Project information**

**EUROPRUNING**

**Grant agreement ID: 312078**

**Status**
Closed project

**Start date**
15 April 2013

**End date**
14 July 2016

**Funded under:**
FP7-KBBE

**Overall budget:**
€ 4 583 018,87

**EU contribution**
€ 3 413 075

**Coordinated by:**
FUNDACION CIRCE CENTRO DE INVESTIGACION DE RECURSOS Y CONSUMOS ENERGETICOS
Spain

**Objective**

Agricultural residues could represent a good source of biomass to convert into energy in particular wherever it is impractical to convert cropland to energy crop cultivation. According to FAO’s reportage (1997), large quantities of ligneous biomass can be obtained from pruning operations carried out in Mediterranean fruit plantations. Agricultural residues therefore play an important role in any analysis of biomass availability for a specific area. For this reason it is important to conduct a thorough study of the types of permanent crops in Europe and the potential of biomass obtained by its pruning.

There is a big potential market in pruning residues, mainly power generation but not only. Nowadays these types of residues are just taken apart from the filed and used locally, “Leaving on the ground” a potential profitable business for farmers, logistic companies and final users. Nowadays the pruning means just a cost for the farmers, but with a new implemented logistic chain they could take advantage in order to sell this product in the biomass market and providing a new business model for logistic operators, biomass sellers and final users, which could find a bigger amount of resources and a decreasing of the costs. It already exists and implemented and developed logistic chain for straw residues, but there is not for pruning.
Field of Science
/agricultural sciences/agriculture, forestry, and fisheries/agriculture/horticulture/fruit
/agricultural sciences/agriculture, forestry, and fisheries/agriculture/plant breeding/crops
/agricultural sciences/agricultural biotechnology/biomass
/social sciences/economics and business
/social sciences/economics and business/business and management/business model
/social sciences/economics and business/business and management/commerce
/social sciences/economics and business/economics/sustainable economy

Programme(s)
FP7-KBBE - Specific Programme "Cooperation": Food, Agriculture and Biotechnology

Topic(s)
KBBE.2012.1.2-01 - Development of new or improved logistics for lignocellulosic biomass harvest, storage and transport

Call for proposal
FP7-KBBE-2012-6-singlestage

See other projects for this call

Funding Scheme
CP-TP - Collaborative Project targeted to a special group (such as SMEs)

Coordinator
<table>
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<tr>
<th>Organisation</th>
<th>Country</th>
<th>EU Contribution</th>
<th>Activity type</th>
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<td>Spain</td>
<td>€ 665 280,52</td>
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<td>SVERIGES LANTBRUKSUNIVERSITET</td>
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<td>LEIBNIZ INSTITUT FUER AGRARTECHNIK UND BIOOEKONOMIE E V</td>
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<td>CONSIGLIO PER LA RICERCA IN AGRICOLTURA E L'ANALISI DELL'ECONOMIA AGRARIA</td>
<td>Italy</td>
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<td><strong>COOPERATIVAS AGRO-ALIMENTARIAS DE ESPANA U DE COOP SOCIEDAD COOPERATIVA</strong></td>
<td>Calle Agustin De Betancourt 17 Planta 4 28003 Madrid</td>
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<td><strong>GRUAS Y SERVICIOS GRUYSER SL</strong></td>
<td>Carretera Seros A 242 Km 3 22520 Fraga Huesca</td>
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<td><strong>PRZEMYSLOWY INSTYTUT MASZYN ROLNICZYCH W POZNANIU</strong></td>
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</table>
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