Take-off for sustainable supply of woody biomass from agrarian pruning and plantation removal
Objective & Actions

«To set the path for the development of the bioenergy utilisation of agrarian pruning and plantation removal (APPR) wood obtained from vineyards, olive groves and fruit tree plantations»

| Production of key items to overcome existing barriers | - Identification of existing success cases  
- Implementation of new success cases  
- Applicable business models and solutions  
- Prepare and apply simple consultancy to support decision making of farmers (biomass producers)  
- Country and EU sector analysis and roadmaps  
- Policy recommendations |

- Actions aimed to produce the information and materials needed by the sector (to be utilised in communication and project impact multiplication activities) |

| Communication and dissemination | - Placing news / results at reach of all sectors  
- Request of participation and calls for entrepreneurship  
- Visualisation of success experiences |

| - Aimed to make a change in mind. Also as a tool for involvement of stakeholders and bring attraction of sectors in the project |

| Project impacts multiplication | - Training to future consultants  
- Involvement of trainees in real consultancies supported by uP_running |

- Aimed to cause a replication of external agencies of uP_running approach, so that it increases the chances of new farmers / fruit companies willing to start new chains |
uP_running is a tool, not only a project
Overcoming current practices

Agrarian residues
- Agricultural pruning
- Plantation removal

Usual management
- Disposal in open air fires
- Mulching to soil

Alternative final uses
- Composting/Energy
- Firewood
Work plan

WP1 PROJECT MANAGEMENT (CIRCE)

WP2 SUPPORTING LOCAL SUPPLY BIOENERGY CHAINS (UFG)

WP3 DEMONSTRATION & IMPLEMENTATION OF NEW CHAINS (CIRCE)

WP4 MULTIPlicative ACTIONS in Demo COUNTRIES (UCAB)

WP5 CAPACITY BUILDING and PRECURSOR ACTIONS in Outreach Countries (PASEGES)

WP6 OBSERVATORY OF PRUNING POTENTIAL & UTILISATION (CERTH)

WP7 COMMUNICATION and DISSEMINATION of PROJECT RESULTS (DARE)
Project outputs

• Collaborations among farmers, biomass producers, machinery builders, energetic companies and final consumers to start new and sustainable value chains to recover agricultural pruning and plant removal

• 5 demonstration activities in our Region in order to exploit, freely, the technical feasibility of biomasses valorization

• Identification of the suitable business model to take advantage of their the economic potential

• New market perspectives to provide woody biomasses to the energetic sector

• Trainings delivered to consultancies to support farmers in exploiting woody biomass

• Advocacy actions to foster new policy and regulatory frameworks through consultation with policy makers and policy-supporting Institutions;

• The Knowledge base the uP_running and pruning Observatory will provide.
APPR to energy

Who can benefit from?

**Farmer**
- **ECONOMIC**
  - Sells wood
  - Reduce pruning management cost
  - Reduce gasoil
- **NON ECONOMIC**
  - Saves time
  - Avoids bothering operations
  - Avoids open-fire permits

**Trader**
- **ECONOMIC**
  - Obtain a margin of benefit
  - Diversify their activity
  - Possibility of integrated contract (pruning + collection)

**Transporter**
- **ECONOMIC**
  - Obtain contracts
  - Diversify their activity
  - Possibility of integrated contract (fruit + pruning wood)

**Consumer of biomass**
- **ECONOMIC**
  - Biomass at lower price
- **NON ECONOMIC**
  - Diversify the energy resources
  - Increase competitiveness
APPRe to energy

The value chain management options

**Collection options**

**Downstream supply chains**
Expected impacts

• More than 100 agrarian associations or consultants will be trained, in at least 14 countries
• At least 25 agrarian associations or consultants will have practiced consultancy
• 10 new value chains will be running and will produce success cases for future replication
• Advocacy and lobbying will have transferred key messages, requests and proposals to national and EU authorities, political decision-makers, etc.
• A strong Communication Campaign will have raise awareness and cause a change in mind in main target group as well as public community
• Unlock the relevant potential of APPR: Mobilization of approx. 7 Mtoe/yr and reduction of aprox. 20 Mt/yr of CO2 by 2030
How to join?

timeline for getting involved!

- **March 2016**: Demonstrations
- **July 2016**: Workshops
- **December 2016**: Contacts
- **April 2017**: Negotiating tables
- **September 2017**: Demonstrations
- **June 2018**: New value chains
- **June 2019**:
## First step: workshop strategy

<table>
<thead>
<tr>
<th>Demo Region</th>
<th>Method to attract and identify Stakeholders</th>
<th>Workshop approaching Strategy</th>
<th>Scheduling I / II / III Workshop</th>
<th>Issues and contents</th>
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| Apulia Region (Italy) - UFG - DARe | X Bilateral meetings | One initial Forum followed by two Focus groups | I Workshop  
† 1-5 May  
† 5-10 May  
X 10-15 May  
† 15-20 May  
† 20-25 May  
† 25-30 May | X Project presentation  
† Stakeholders presentation  
† Stakeholders still missing  
X Interest in participation  
X Expressing the vision  
X Barriers identification  
X Needs and resources  
† Value chain organization  
† Possible business models |
|  | † Questionnaires (open ended questions) | Two initial Focus groups followed by a Forum | II Workshop  
† 15-20 May  
† 20-25 May  
† 25-30 May  
† 1-5 June  
X 5-10 June  
† 10-15 June | X Main driving forces  
† Main challenges  
X Market and financial constraints  
X Regulatory constraints  
† Issues still on the table |
|  | † Structured survey (pre-defined, closed set of questions) | Three Focus groups (the returning workshop as a Forum) | III Workshop  
† 1-5 June  
† 5-10 June  
† 10-15 June  
† 15-20 June | X Evaluation of the workshop  
X Presentation of good practices |
|  | † Expert analysis | In the same geographical area |  |  |
|  | † Questionnaires | In three different geographical areas |  |  |
|  |  | With different stakeholders’ categories |  |  |
|  |  | With all categories of stakeholders |  |  |
Stay tuned!

Every branch counts!

Partner Name and address .............