

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

New feedstock for the European bioenergy market

uP running project aims to set the path for the development of the bioenergy utilization of agrarian pruning and plantation removal (APPR) wood obtained from vineyards, olive groves and fruit tree plantations.

uP running vocation is the abatement of the current immobilism of the value chain actors for the utilization of APPR woody biomass. For that purpose uP running incorporates a set of straight actions aimed to reshape the sectors perception, to provide evidences of real success and replicable models to follow, as well as to create a permanent capacity in Europe to give support for decision making to farmers, cooperatives and agro-industries owing the APPR residues.

Some figures about uP_running project:

- Duration: from April 2016 to June 2019
- Actions in 4 "demo" countries (Spain, Italy, Greece and Ukraine), replicated in 3 "outreach" countries (France, Croatia and Portugal), and extended through precursor actions to 7 additional EU countries.
- 11 partners: 4 technological centers and 7 agrarian associations/cooperatives.



EXPECTED IMPACTS:

- Mobilization of approx. 7 Mtoe/year of new feedstock
- Reduction of aprox. 20 Mt/year of CO₂ by 2030

7 Mtoe/year

20 Mt/year New feedstock CO, reduction

WOODY BIOMASS FROM PRUNINGS AND PLANTATION REMOVAL (APPR)

This project has received funding from the European Union's Horizon 2020

research and innovation programme under grant agreement N.º 691748







OLIVE GROVE

FRUIT TREES

TAILORED **BUSINESS MODELS**

SUPPORT TO DECISION MAKING

DEMONSTRATION

OF NEW CHAINS

CAPACITY BUILDING

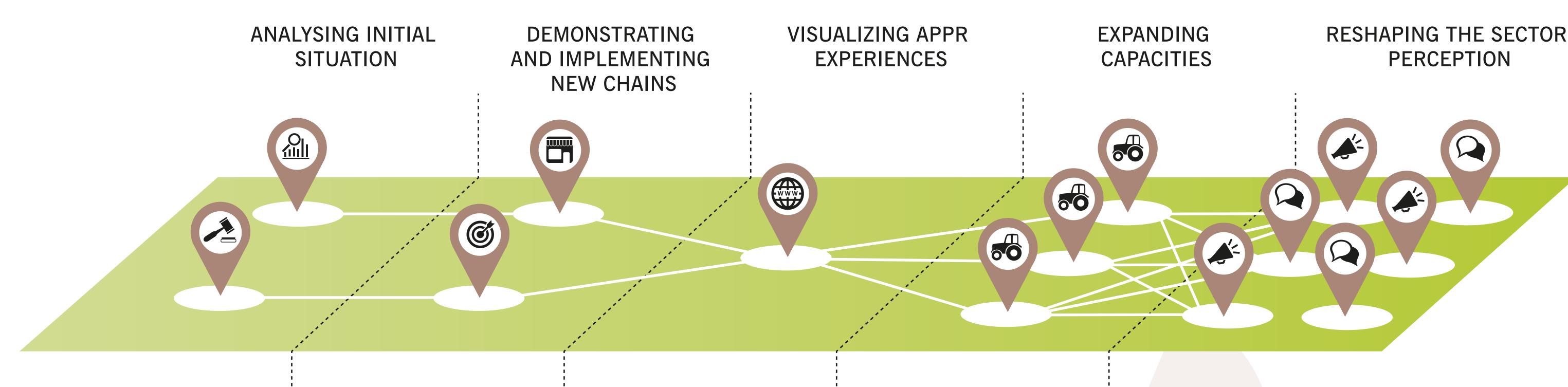
OBSERVATORY VISUALIZATION TOOL

ADVOCACY AND LOBBY

EXCELLENT OPPORTUNITY FOR:

- The farmers to reduce APPR management time and costs
- The transporters and services companies to diversify their activity
- The consumers to obtain local biomass at lower price and to diversify energy resources
- The society, to avoid un-controlled fires and contamination

PROJECT STRUCTURE



SECTORIAL ANALYSIS

& STRATEGIC PLANS

The objective is to promote the stakeholder's commitment and engagement so as to get a knowledge about the sector constraints and opportunities. Then, an action plan at regional level and a strategic plan at national and EU levels will be elaborated, in order to deploy effective implementation initiatives.

POLICY GUIDELINES

AND RECOMMENDATIONS

According to the outcomes previously obtained, a policy recommendations and roadmap will be prepared. 7 workshops will be held in "demo" and "outreach" countries and 1 joint workshop will be organized at EU level.

TAILORED BUSINESS

MODELS

For the 20 beneficiaries of the Project (5 per "demo" country), tailored business model and plan will be elaborated, including soil assessment, market prospection, potential chain suitable, etc.

KEYS

FOR SUCCESS

A description of the 20 demonstrations and the 4 new chains that will be implemented during the project will be available to the public in 5 languages, including keys for success and main driving forces to implement a new and prosperous value chain based on APPR.

OBSERVATORY

VISUALISATION TOOL

All experiences and success cases will be registered on a web-based map tool, the Observatory: 1. APPR potential from field sampling

- 2. Mechanized collection tests
- 3. Existing value chains 4. 10 "Flagship" cases through Europe

MOBILIZATION OF VALUE

CHAIN ACTORS

A simple manual for field measurement will be prepared and translated in 8 languages and local parties will be mobilized and encouraged to performed these measurements.

TRAINING AGRARIAN

The capacity developed previously will

CONSULTANTS

be expanded to a large amount of future consultants. These ones will be trained to support the decision making of entrepreneurs and to carry out the feasibility studies and the business plans.

ENGAGING EXTERNAL AGRARIAN ASSOCIATIONS

In order to spread out uP running results out of the geographical framework of project, 7 agrarian associations or clusters will be involved in disseminating the project results in their countries.

COMMUNICATION

CAMPAIGN

A strong communication campaign will be carried out in order to trigger a change in the current behavior, to raise awareness about the opportunity of APPR residues and to engage the stakeholders for participating in the uP running activities.

ADVOCACY AND LOBBY

ACTIONS

Advocacy actions will be performed to three main audiences: regional councils and local authorities (regional level), government and relevant ministries (national level) and national and EU Lobby Groups.

PROJECT PARTNERS







CERTH
CENTRE FOR RESEARCH & TECHNOLOGY HELLAS



STAR AgroEnergy











Project coordinator CIRCE Foundation Spain

Asaja Huesca Spain



Co-operatives

Greece

Centre for Research and Technology Hellas Greece



STAR AgroEnergy Italy

Association "Ukrainian Agribusiness Club"

Ukraine

Scientific Engineering Centre "Biomass" Ukraine

Coop de France France

National Chamber of Agriculture Croatia

National Confederation of the Agricultural Cooperatives and Agricultural Credit of Portugal Portugal