



uP_running Final Event
30th April 2019



**TOWARDS A CIRCULAR BIOECONOMY SCHEME:
THE ROLE OF WOOD FROM AGRARIAN PRUNING AND PLANTATION
REMOVAL AS BIOMASS
POLICY GUIDELINES TO SUPPORT THE PRUNNING-TO-ENERGY
INITIATIVES**

Hosted by:



Organized by:



This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No 691748
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uP_running project

Take-off for Sustainable Supply of Woody Biomass
from Agrarian Pruning and Plantation Removal



Horizon 2020

EU Research and Innovation
Programme (2014-2020)

Societal challenges: “Secure, Clean and Efficient Energy”

Call LCE “Competitive Low-Carbon Energy”

LCE 14-2015: “Market uptake of existing and emerging sustainable bioenergy”

Action type: Cooperation and Support Action

Duration: from April 2016 to June 2019





the partners involved in uP_running

HPK



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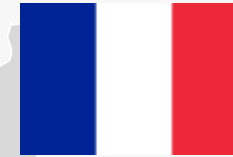
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UA



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SEC Biomass



Ukrainian Agribusiness Club



CERTH

CENTRE FOR RESEARCH & TECHNOLOGY HELLAS



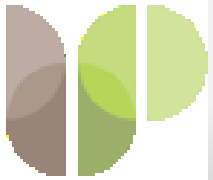
Università di Foggia



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- **Performing actions to foster the development of the bioenergy sector**
- **Increasing the share of bioenergy in the final energy consumption**
- **Promoting the setting up and strengthening of local bioenergy supply chains**
- **Ensuring that the highest environmental criteria and quality standards are met**
- **Farmers should be encouraged to produce also non-food bioenergy carriers, alongside food, feed, and many other products**





what we are talking about?



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APPR = Agrarian Pruning and Plantation Removal

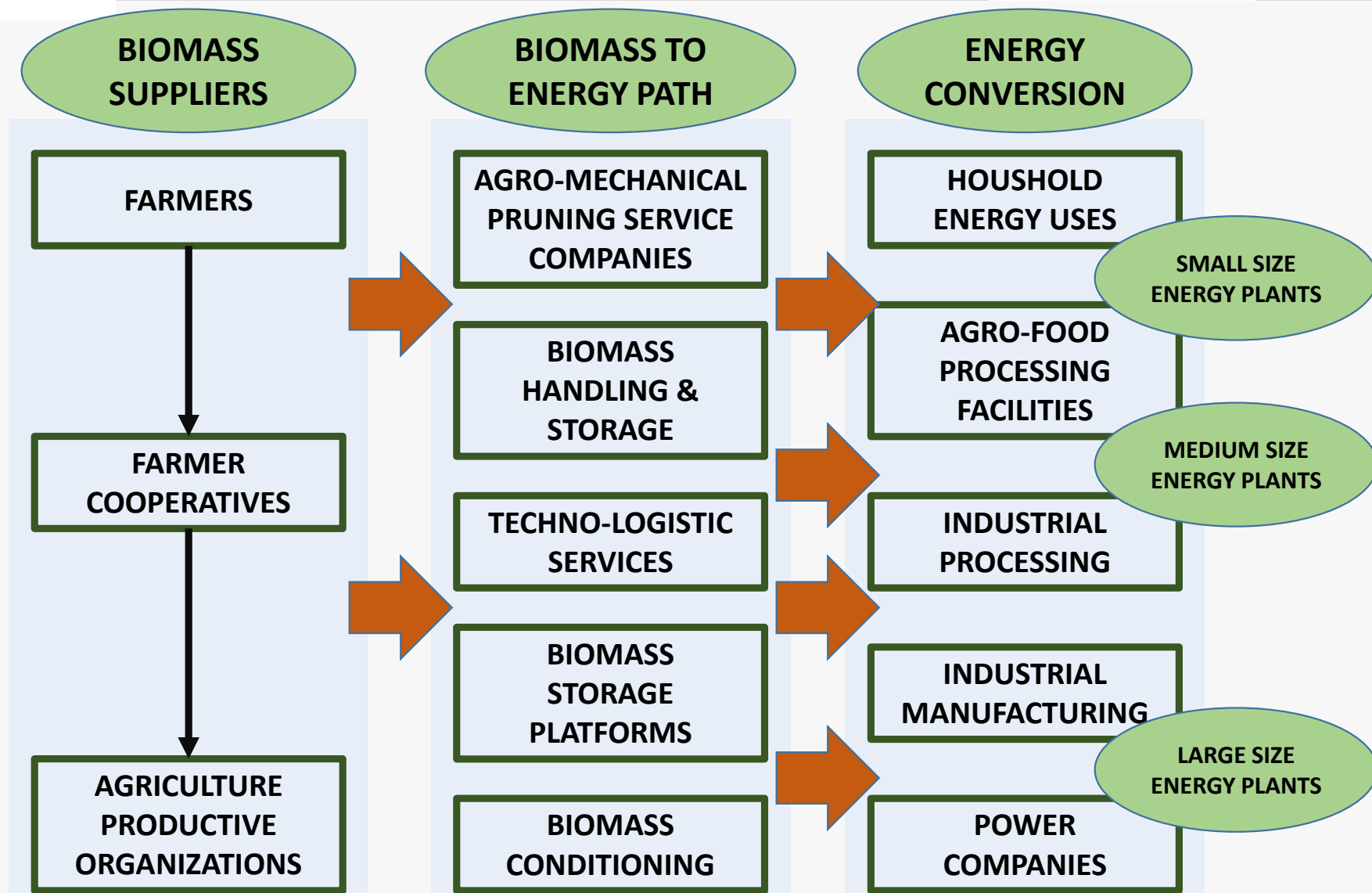


Pruning can be considered as a suitable feedstock for renewable energy production, both thermal and/or power, to be addressed to farm or agro-processing industry energy supply or to be sold to single or collective consumers

The energy value chain based on pruning



HPK



What else shall cause prompt changes towards extended use of APPR biomass?

MARKET:

- Petrol barrel Price
- Biomass Price and demand
- Public sector leading the change (e.g. biomass municipal heating)



POLICY (AGRICULTURE)

- Incentive /advantages for best practices in agro-residues management
- Obligation to withdraw APPR residues
- CAP – greening (APPR for biomass as good practice)

POLICY (ENERGY & ENVIRONMENT)

- Support to renewable power or heat
- Public procurement (e.g.: renewable energies in public buildings)
- Support by recognizing the positive role of agro-residues (e.g. in Climate & Energy policies, or in LULUCF regulations)

Opportunity... Agronomics with residues

- The use of APPR biomass can:
 - Drive a change towards more sustainable agricultural practices
 - Provide an alternative to current APPR residues disposal / treatment
 - Reduce farmers costs / concerns
 - Reduce the risks of pest and diseases propagation

Opportunity... In line with Eu policies

- As presented next in the final messages

EUROPEAN POLICY ACTIONS

OBJECTIVES

- To increase awareness of EU policy decision-makers by sharing the visions captured from agrarian, energy sector and rural communities on the current status, needs and opportunities to take advantage of in relation to agro-residues for energy in Europe



EU POLICY PROMOTION - MEETINGS

- July 2017 - Conference: Building Competitive Bio-based Industries in the Context of Agricultural, Agro-food and Forestry Sector Development
- August 2017 – Meeting with MEP Marijana Petir (CIRCE, DARE, UFG, HPK)
- August 2017 – Meeting with Copa-Cogeca (CIRCE AND HPK)
- November 2017 – CDG Olive – CIRCE and HPK
- April 2018 – CDG Wine – UFG and HPK
- April 2018 – Meeting with Copa-Cogeca Director for Rural Development
- April 2018 – Meeting with MEP office + ENRD
- 5 extra meetings with MEP office and Copa-Cogeca



POLICY WORKSHOP in Brussels

European Parliament, 17th May 2018



VIROEXPO – MID CONFERENCE 23/2/2018



23. MEĐUNARODNI SAJAM GOSPODARSTVA, OBRTNIŠTVA I POLJOPRIVREDE

2018 VIROEXPO

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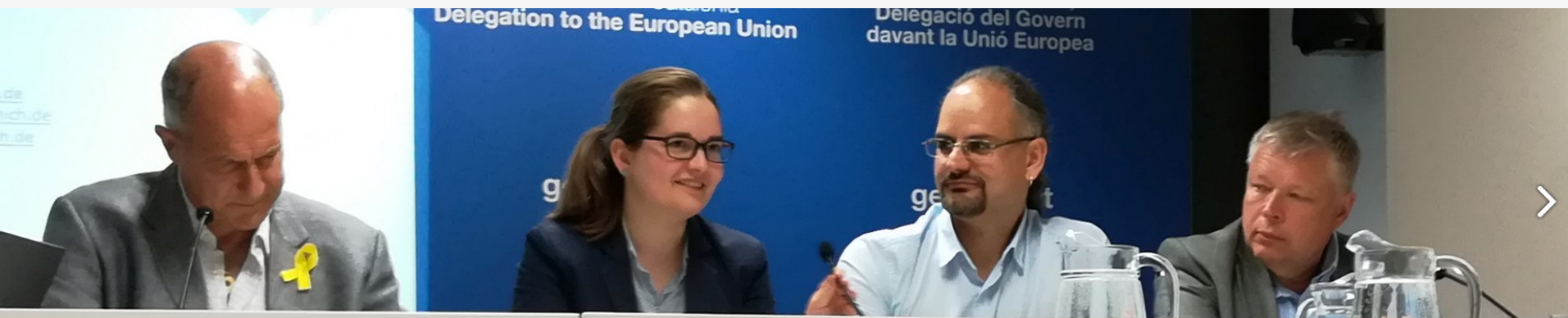
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lokalizacija
MAŠINSKA ULICA 18
VINIČKA - VIŠKA ŠKOLA

“Small and Medium Enterprises in Bioenergy: Boosting Rural Employment and Sustainable Biomass Mobilisation”

- 7th June 2018, the Secure Chain project organized in Brussels its Final Conference



26th European Biomass Conference & Exhibition - Copenhagen



Bioeconomy workshop in DG Agriculture and Rural Development

- European Commission, 20th & 21st September 2018 Commission



Policy workshop: Energy from prunnings – chance for development of rural areas

Zagreb, 29th of March 2018



Building Competitive Bio-based Industries in the Context of Agricultural

- July 2017 - Conference: Agro-food and Forestry Sector Development



Policy workshop – Croatia 21/3/2019

CROATIAN PARLIAMENT





**2019 CIRCULAR ECONOMY
STAKEHOLDER CONFERENCE:
SUCCESS STORIES AND NEW
CHALLENGES**
**WORKSHOP - Bio-circular villages: a recipe
for rural prosperity**
7 March 2019



COPA-COGECA
@COPACOGECA

Follow

Tajana Radić from @HPK_CCA presents both challenges 🇭🇷 faces in its farming but also many opportunities #bioeconomy #digitalisation can bring to the sector - especially in attracting #young people to villages. #CEstakeholderEU



Final national conference 29/3/2019

Trade fair Gudovac

- Biggest agricultural trade fair in Croatia
- Well attended conference
- A roundtable discussion on the sustainability of biomass with honoured guests from Croatian Parliament, Ministry of Agriculture, University of Agriculture, biomass producer and supplier.
- Main conclusions: High opportunity in Croatia, joint cooperation of all institutions...



POLICY ACTIVITIES

Croatian Chamber of Agriculture held meetings with:

- Ministry of Agriculture
- Ministry of Environment and Energy
- Ministry of Construction at Unit for Sustainable Construction
- Representatives from Brod-posavina county
- Representative from European Parliament
- Hrvatska elektroprivreda (HEP Group)
- HEP ESCO d.o.o.
- INA, d.d. (a medium-sized European oil company with a leading role in Croatian oil business and a strong position in the region)
- Representatives from energy sector (Energy institute Hrvoje Požar (members of AEBIOM and IEA))
- Main representatives from farm association
- Chamber of Commerce
- Chamber of Craft
- Faculty of Agriculture
- Agriculture stakeholder and entrepreneurs

- **Setting ambitious bioenergy targets**
- **Fostering biomass mobilization and securing its supply**
- **Favoring profitable and stable investments in the bioenergy sector**
- **Simplifying and harmonizing administrative procedures**
- **Promoting an intelligent and flexible financial support**
- **Supporting industrial leadership and technological development**
- **Phasing out from fossil subsidies through Carbon pricing**
- **Targeting effective technologies, value chains and business models**
- **Solid fuel quality standards, fuel flexibility, eco-design and retrofiting technologies**



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



Thank you very much for your attention!



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