

SIXTH SYMPOSIUM ON CIRCULAR ECONOMY AND URBAN MINING 10TH ANNIVERSARY CAPRI, ITALY - 18-20 MAY 2022



BIOCIRCULARCITIES project: circular bioeconomy in urban contexts



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BIOCIRCULARCITIES





BBI JU contribution: € 999,893.75

Type of action: CSA — Coordination and Support Action

Project leader:



Title: Exploring the circular bioeconomy potential in cities. Proactive tools for implementation by policy makers and stakeholders

Pilots: Barcelona(Spain) Napoli(Italy) Pazardzhik(Bulgaria)









Consortium Partners





2 RTOs



1 SME



2 Public Authorities



3 Non-profit Associations

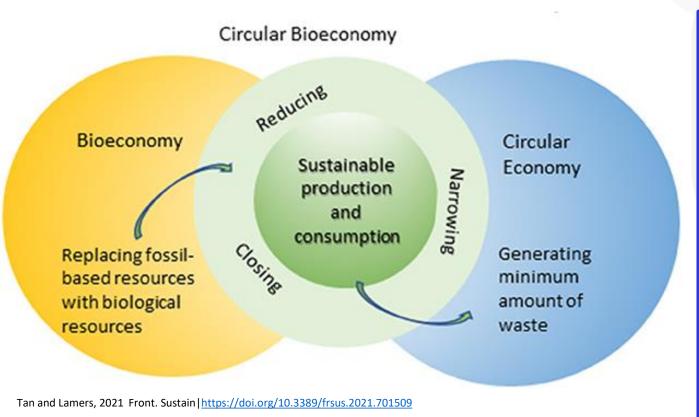




Challenges of the Circular Bioeconomy



Green and sustainable transition requires more circular bioeconomy strategies



The European Commission's bioeconomy the strategy interprets circular bioeconomy as a framework to reduce the dependence on natural resources; transform manufacturing; promote sustainable production of renewable resources from land, fisheries, aquaculture; and promote their into various biobased conversion products and bioenergy while growing new jobs and industries

(European Commission, 2013).

Project plan





Selection of biowaste management chains and mapping of involved relevant stakeholders

LCA and LCC of selected biowaste chains

Circular bioeconomy policy framework and good practices at local and EU level analysis

Analysis of barriers and drivers to implement circular bioeconomy at local level



Identification of potential improvements of current biowaste management chains

Get inspired by circular bioeconomy Good Practices across the EU that could be used as successful examples to use in the pilot areas

Local Living Labs and capacity-building activities

Policy recommendations at local level





Guidelines for implementing biowaste management adopting a circular bioeconomy approach

Webinars on outcomes

Web-based tool to assist policy makers and industry in designing biowaste management strategies

Pilot areas









Biowaste from MSW

Incentivising quality and quantity of biowaste separately collected in the area of Barcelona and exploring the feasibility of producing added value bioproducts.





Biowaste from agro-industrial sector

Improving the biowaste management system of agroindustrial chains in the Metropolitan City of Napoli providing solutions towards a circular prospective.



BIOCIRCULARCITIES will focus on three different value-chains, investigating the possibilities to make them more circular



Region of Pazardzhik (BG)

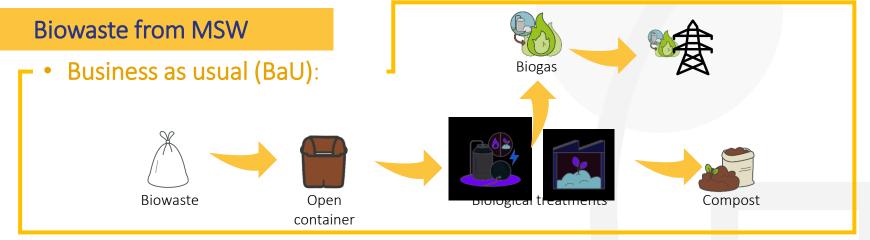
Biowaste from forestry sector

Implementing a larger deployment of circular bioeconomy in a rural region to tackle unexploited biowaste from forestry sector.

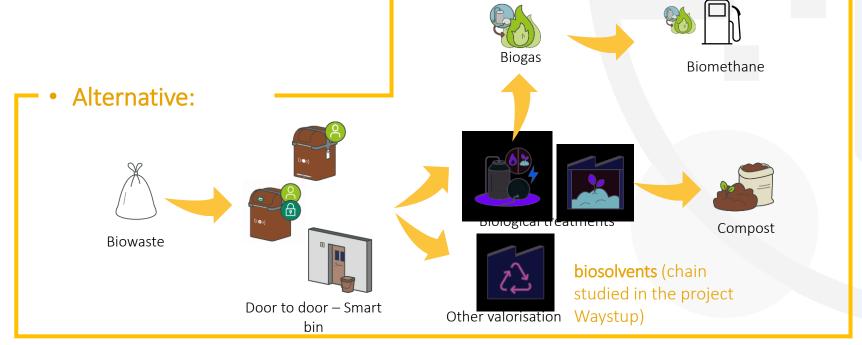


Biowaste chain selected in the AMB





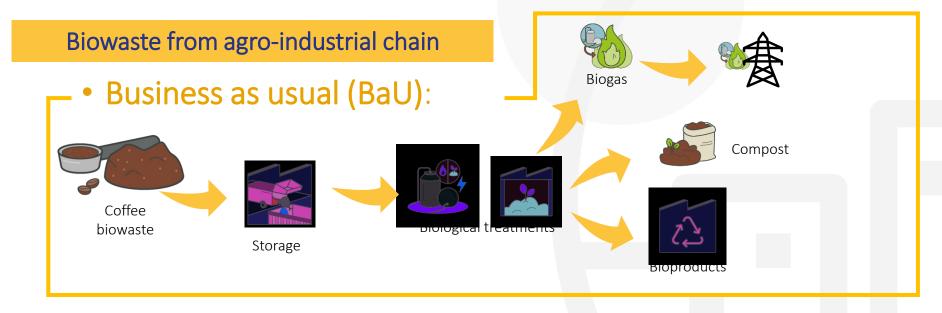


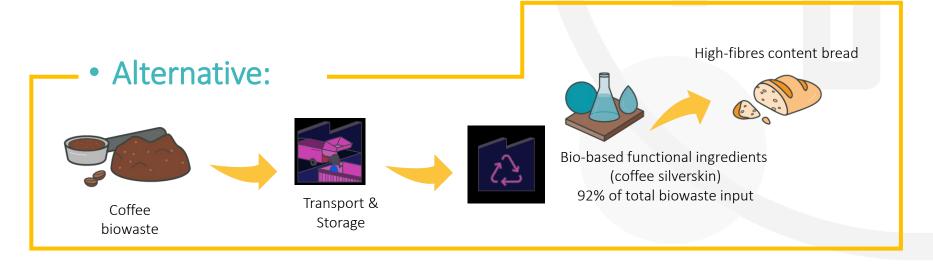




Biowaste chain selected in the CMNA

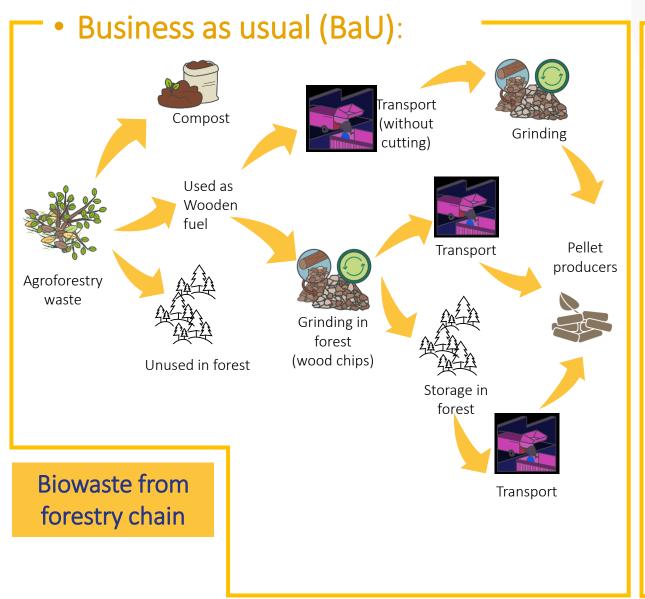


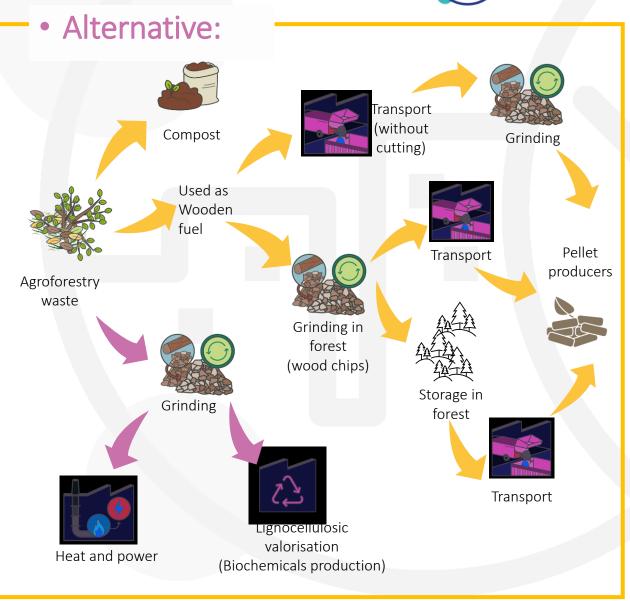




Biowaste chain selected in the Pazardzhik Province







Living Labs and Peer Review Sessions



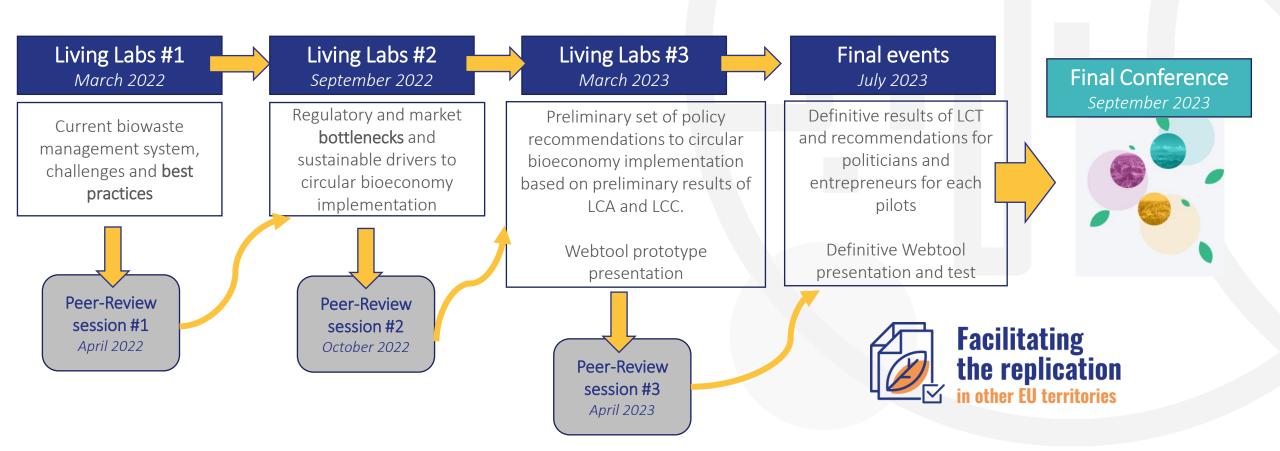












Expected results of the Project



Main outcomes from the project able to create impact after the end of the project:

• Set of policy recommendations for implementing circular bioeconomy strategies based on the feedbacks from pilot experiences and additional analyses



Web-based tool to assist policy makers and industry in designing biowaste management strategies









- Incentivising the valorisation of biowaste in line with the principles of the circular bioeconomy
- Promoting the development of successful circular bioeconomy strategy in EU territories









BIO CIRCULAR CITIES

Exploring the circular bioeconomy potential in cities

Thank you!

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