

SUSTAINEXT is the first FLAGSHIP project funded by the Circular Bio-based Europe Joint Undertaking (CBE JU) that aims to transform the traditional botanical extracts industry with a unique model that could be replicatedby the European bio-based industry.

- Its main goal is to industrially deploy an intelligent, dynamic and analytical biorefinery that integrates the entire feedstock supply chain and enables cascading valorisation.
- NATAC leads a consortium of 21 European partners who bring diversity, excellence, and strength to ensure the technological, technical, and social progress of the project.



Putting in place a sustainable and efficient bioeconomy business model based on zero-waste and zero-pollution processes integrated with renewable energy.

*Revolutionising the botanical extracts industry through a unique model that can be replicated by the European bio-based sector.* 

*Empowering regions and sectors to embrace the circular bio-based industries.* 

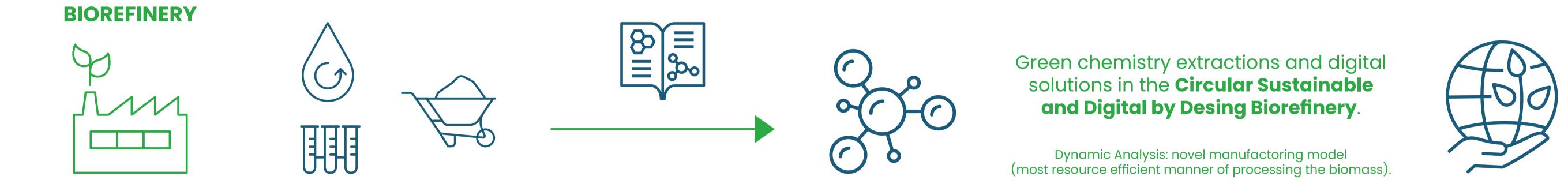
Showing Europe how the circular bio-based industries can create jobs, attract talent and pur business opportunities in rural regions.

SUSTAINEXT will scale up and validate a first-of-its-kind industrial facility based on the integration of the whole supply chain – from feedstock providers to products' end-users applying a disruptive circular model integrated in a dynamic biorefinery to achieve the complete valorisation of sustainably sourced feedstocks with a zero-waste and zero-emissions ambition, to deliver plant-based healthy extracts and functional ingredients while transforming a rural region with an outdated cropping system into a cutting edge bio-based circular referent.



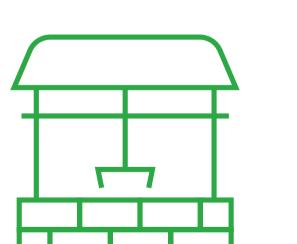


## INTEGRATING EXTRACTION AND PURIFICATION TECHNOLOGIES TO ESTABLISH A MULTI FLOW: SMART DYNAMIC BIOREFINING



## - FROM PLANT-BASED HEALTY EXTRACTS TO END PRODUCTS FOR DIFFERENT MARKETS

**MARKET UPTAKE OF THE BIOPRODUCTS** 



Food supplements Food additives Food ingredients





PETS



Feed additives



Cosmetics







PerformanceBiostimulants/chemicalsBiobased fertilizers

Bio-based products in various high added value markets -

food, feed, cosmetics, performance chemicals - and recycling of the exhausted biomass.





**SUSTAINEXT PARTNERS** 





Bio-based Industries Consortium



https://sustainext-project.com/