

# COUNTLESS

extending the biobased chemicals portfolio

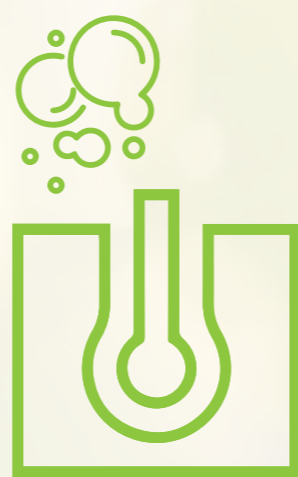
## In a nutshell

COUNTLESS will access lignin, an abundant natural resource, to produce platform chemicals and demonstrate their applicability and cost-effectiveness in a variety of end-use cases from bulk to specialty applications. This will enable the transition from fossil-based to bio-based chemical building blocks – supporting sustainability and climate action goals.

## The targeted applications



Flame retardants  
& UV stabilizers



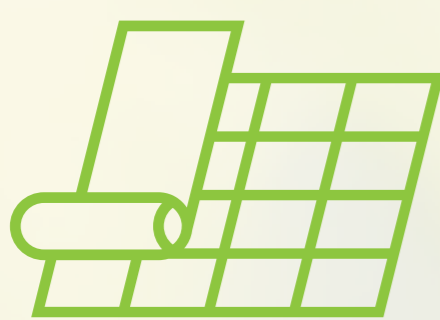
PU thermal  
insulation foams  
and coatings



Thermoset  
adhesives



Functional addi-  
tives for personal  
care products



Bitumen binders

## The project partners

VITO (Coordinator)

Sustainable Polymer Technologies, SPOT Team  
Belgium



Bloom Bionewables

Switzerland



Braskem Europe

Belgium



CLIB - Cluster Industrial Biotechnology

Germany



Daren Labs

Israel



Fibenol

Estonia



IFEU - Institute for Energy and Environmental

Research Heidelberg  
Germany



Kastamonu Entegre

Türkiye



SOPREMA

France, Belgium, Italy



University of Utrecht

The Netherlands



VTT

Finland



## Project ID Card

**Type of project:** Innovation Action - Demonstration

**Project title:** Cost-effective production of lignin platform chemicals: Extending the biobased chemicals portfolio

**Project start:** 01.09.2023

**Duration:** 48 months

**CBE JU contribution:** 5 400 014 EUR

## Find out more

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**Mail:** [contact@countless-project.eu](mailto:contact@countless-project.eu)

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