

## SELECTED VALUE CHAINS TO BE ANALYSED AS CASE STUDIES

- PLA intermediates and foam for construction works on the basis of sugar and starch
- Building blocks for bio-based plastics processed from vegetable oils
- Pine chemicals from wood and forestry by-products
- Succinic acid from starch
- Packaging based on wood and starch derivatives
- Biorefining cellulosic fibres into diverse lignin-based components
- Oleochemical products, mainly metal soaps for industrial applications, especially plastic additives



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# STAR4BBI

## Standards and Regulations for the Bio-Based Industry



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[www.star4bbi.eu](http://www.star4bbi.eu)





# STAR4BBI

## Standards and Regulations for the Bio-Based Industry

STAR4BBI is an EU funded project aiming at establishing a coherent, well-coordinated and favourable regulatory and standards framework to support the development of a cutting-edge bio-based economy for Europe. The removal of barriers can provide a stable framework for investors and lead to growth of the bioeconomy in the EU.

### OBJECTIVES OF STAR4BBI:

- To support adaption of the regulatory framework and of relevant standards for selected existing value chains
- To propose simple and applicable regulatory alternatives that facilitate investments in existing and new bio-based value chains with the result to increase the market uptake of bio-based products and processes from forests, from agriculture and from organic waste
- To promote a level playing field for bio-based products

### EXPECTED IMPACTS:

- To contribute to an improved access to market, access to feedstock of bio-based products and thereby the achievement of a shorter time to market for bio-based products and materials
- Contribute to more coherent policy environment, better interrelations between regional, national, EU and global bioeconomy policies
- Contribute to the removal of barriers to investments to grow towards a bioeconomy, for example link to waste legislation
- New standards providing increased commonality between different bio-based industrial sectors
- Commonly agreed vocabulary throughout value chains, from feedstock suppliers to biorefining to downstream actors in the application sectors

### WHO WILL BENEFIT FROM THE PROJECT?

- Companies and suppliers to a variety of bio-based product value chains
- Policy makers at European, national, regional and local level
- Standardization experts and those requiring standards or certificates

### STAR4BBI Project Partners:



[www.wur.nl](http://www.wur.nl)



[www.nova-institute.eu](http://www.nova-institute.eu)



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**01 September 2016**

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**31 August 2019**