Biobased chemicals use leads to longer value chain and increased resource efficiency.

Crude Tall Oil (CTO) is a by-product of the Kraft pulping process, that is refined into a wide array of products.

- Valuable limited resource
- Existing use for biobased chemicals, over 600,000 MT capacity annually
- Biobased chemicals use: 10,000 jobs & 1.8 billion € annually without state support
- Biofuels use: short value chain → less jobs, less economic value
- Competition on market terms is the best guarantee for resource efficient use
CRUDE TALL OIL IN EU

BIOBASED CHEMICALS USE GENERATES MORE ECONOMIC VALUE, JOBS AND CO₂ SAVINGS THAN BIOFUELS USE

ECONOMIC IMPACT

Without State Support

4X more economic value

TOTAL JOB IMPACT

20x more jobs

ENVIRONMENTAL IMPACT

25% savings in CO₂ EMISSIONS

EU TRANSPORT IMPACT

Converting ALL European CTO to biofuels gives 0.2% of total EU transportation fuels*

Source: Data from Fraunhofer UMSICHT – EU CTO Added Value Study (2016)

*calculation based on a theoretical yield of 100%