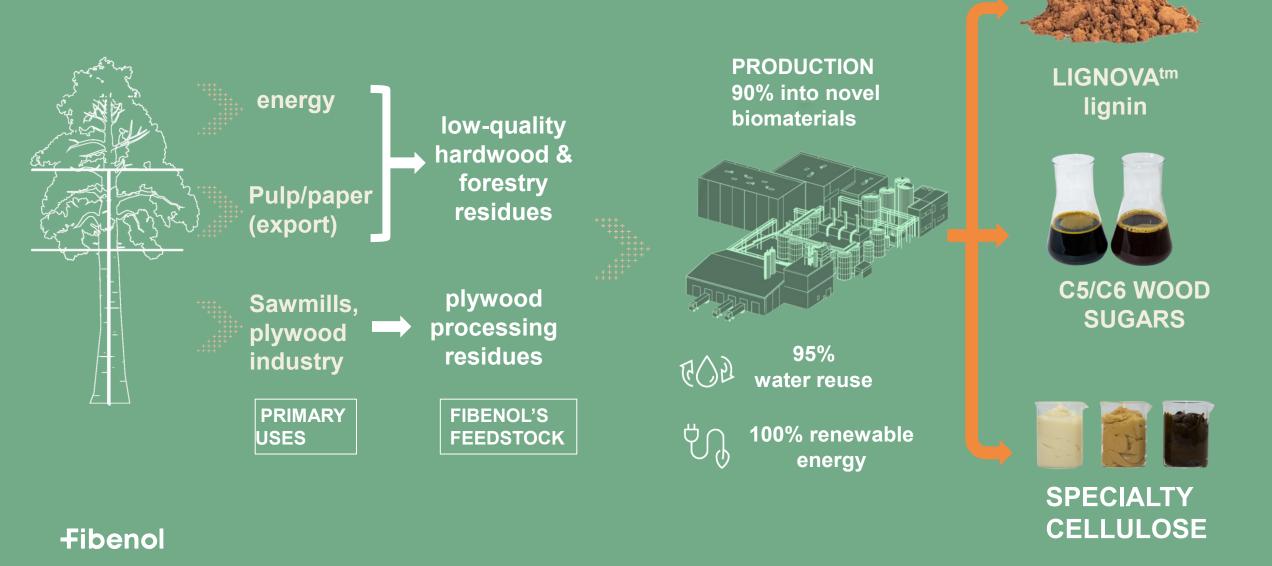
The forest industry and how it is transforming the circular economy

at the example of Fibenol

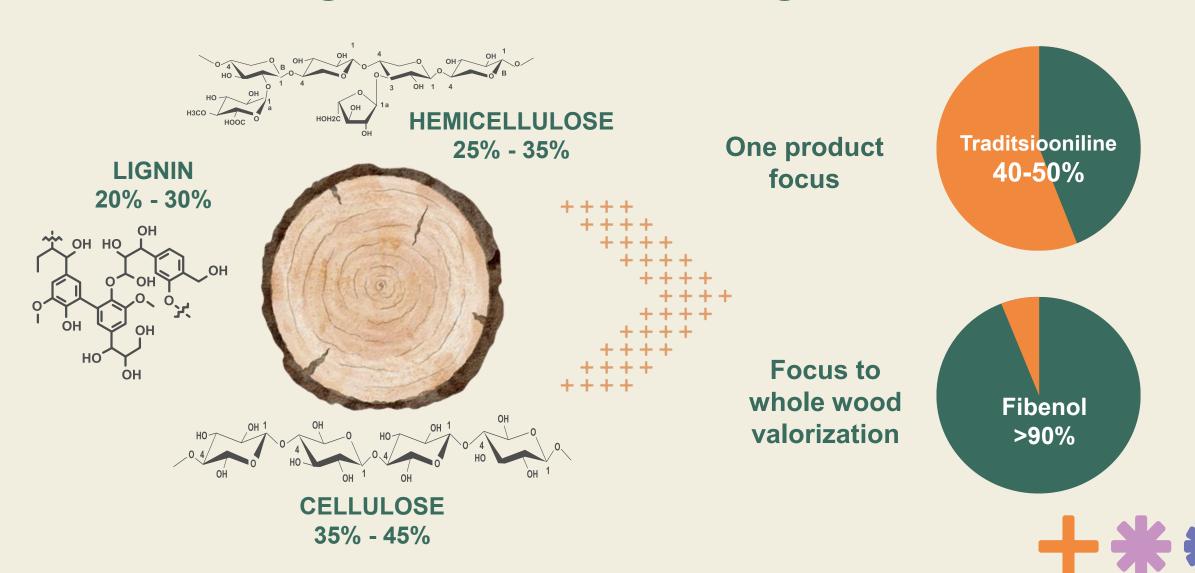




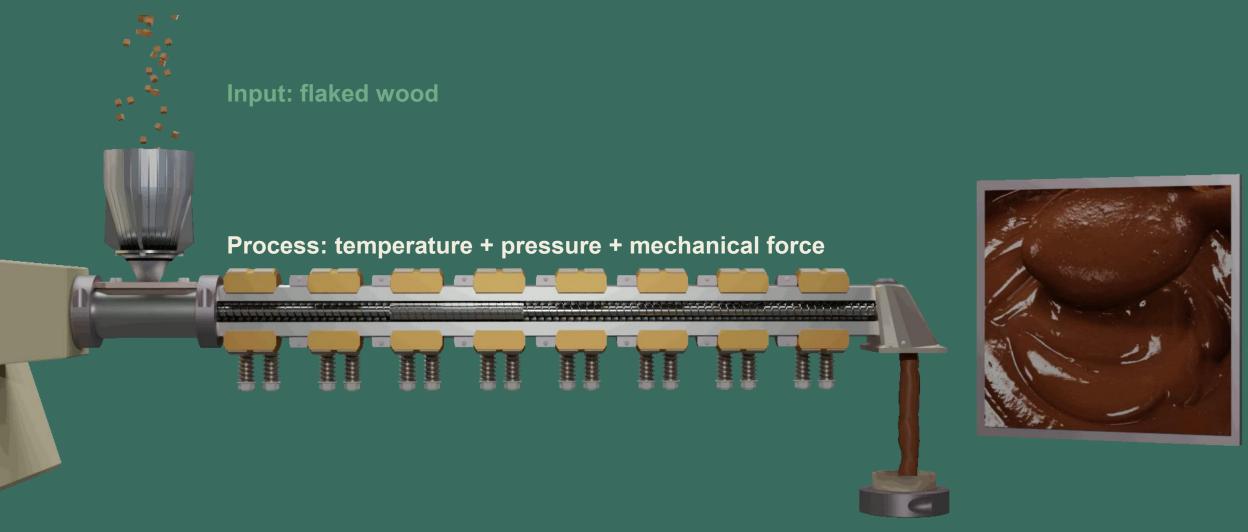
Solution: new value chains



Technological breakthrough



SUNBURSTTM pre-treatment















Powered by Innovation Projects















Fibenol is leading and participating in the projects that are supported by Circular Bio-based Europe Joint Undertaking and its members and Co-funded by the European Union under grant agreements No 792061 SWEETWOODS, No 101022987 VIOBOND, No 101112555 SYLPLANT, No 101112453 COUNTLESS, No 101112521 REDYSIGN, No 101118127 ECOLOOP.



LIGNOVATM in road construction

LIGNOVATM: Biobased binder

- + Lower carbon footprint
- + Alternative to bitumen
- + Long-term carbon sequestration
- + Local raw material

HOW?

Biofuel use at asphalt making + 25% LIGNOVA substitution = Carbon-neutral road!?!



















Biowaste collection and bioplastic

+ WHAT?

- + First compostable biowaste collection bags made from LIGNOVA up to 18%
- + Strengthening properties
- + Local raw material

+ WHY?

- + Expand local value chain
- + Reduced environmental impact
- + Home use, industrial use
- + Good SAUNA smell:)

Carbon Footprint of LIGNOVATM



*IPCC, mass allocation **Ecoinvent v3.9

Fibenol

Science based and data driven LCA

+ High quality primary data is key!

+ Transparency!



