

Zambezi Process in a Nutshell



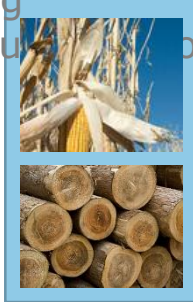
Improved Bergius-Rheinau process:

Two-stage, concentrated HCl hydrolysis

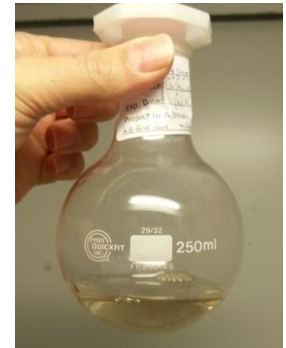
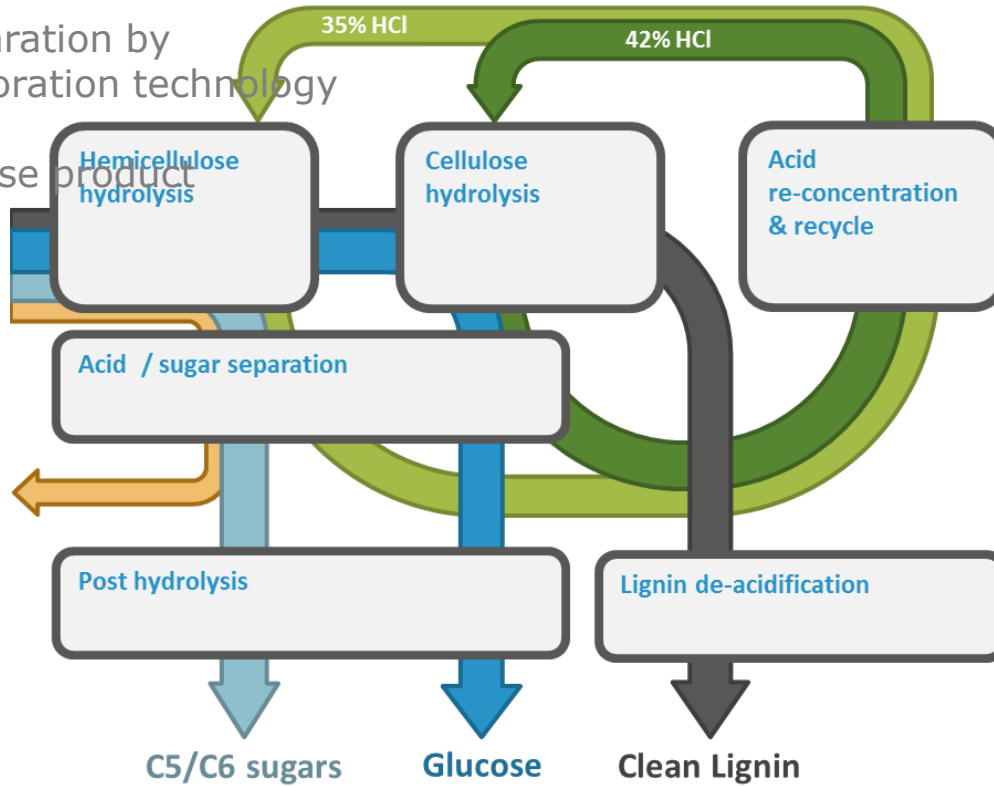
Acid / sugar separation by proprietary evaporation technology yielding

High purity base product

Feedstock Flexible



Tall oils & terpenes



Technical Breakthroughs

- Acid sugar separation
- Material construction
- Lignin deacidification



Intellectual Property captured through patent filings

Zambezi Project in Delfzijl



AkzoNobel



staatsbosbeheer



avantium



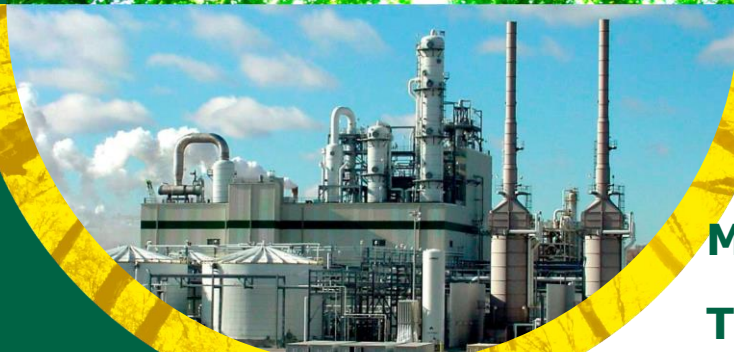
CHEMPORT
EUROPE



International Collaboration

IEA Bioenergy:

platform for international collaboration and information exchange in bioenergy research, technology development, demonstration, and policy analysis.



Mission:

To increase knowledge and understanding of bioenergy systems in order to facilitate the commercialisation and market deployment of environmentally sound, socially acceptable, and cost competitive bioenergy systems



Netherlands Enterprise Agency



*Thank you for
your attention*

Questions?

Kees.Kwant@rvo.nl

