Hydroxymethylfurfural (HMF) from organic residues



Paul Körner









Fossil Resources

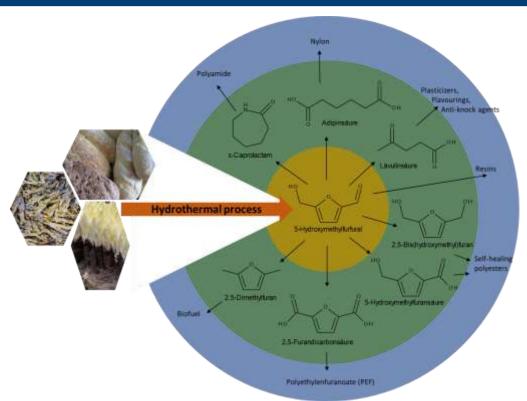


Organic residues















"Nylon from Chicory"

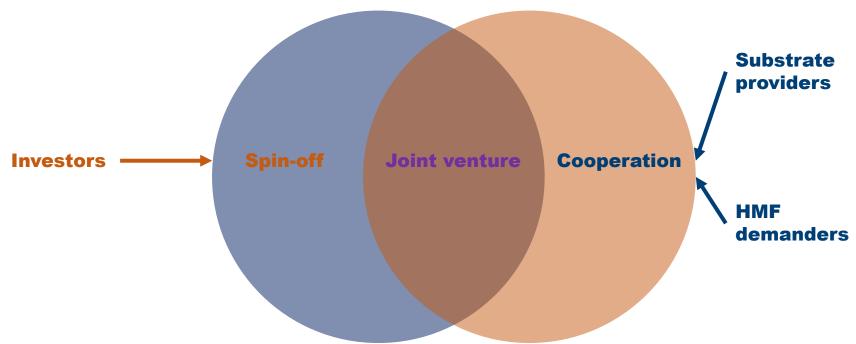


Research station "Unterer Lindenhof" location of Biorefinery Technikum





Our aims and needs







The team



Our competences:

- Platform chemicals
 - HMF
 - Phenols
 - Furfural
- Hydrothermal carbonisation (HTC)
 - Hydrochar
 - Activated char
 - Electrodes for supercapacitors
 - Direct carbon fuel cells
- Pyrolysis
- Nutrient recycling
 - Phosphate from sewage sludge or manure
- Extraction processes
 - Valuable products from algae