



"Biomass: what strategy for the CNRS?"

Francois Jérôme (DR CNRS) Institut de Chimie des Milieux et Matériaux de Poitiers









On going strategies to reduce CO₂ emissions









Expectations in terms of innovation







Lignocellulosic biomass waste









The sugar platform







Scale up







Oxidation vs reduction







Which chemicals?







Higher you make use of oxygen in biomass, higher the valuability of chemicals

J. P. Lange, Energy Environ. Sci., 2021, 14, 4358–4376



Humans versus Nature









Alternative technologies







Taken home messages







Open innovation to revisit the activation/conversion of biobased feedstocks



TAKEN HOME MESSAGES

A biobased product does not mean a sustainable product

Don't compete with fossil-based feedstocks : improve performances

