

SC2 and KET-B Brokerage Event

Food Security | Sustainable Agriculture and Forestry | Marine, Maritime
and Inland Water Research | Bioeconomy | KET-Biotechnology |

Brussels, 3rd July 2019



Session 3: Food & Natural Resources + KET-Biotech

Omics, Genotype-phenotype & Big Data (revisited)

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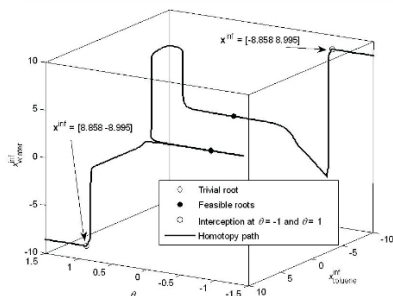
www.ncp-biohorizon.net

BioHorizon project is funded by the European Commission - Grant Agreement no. 652637

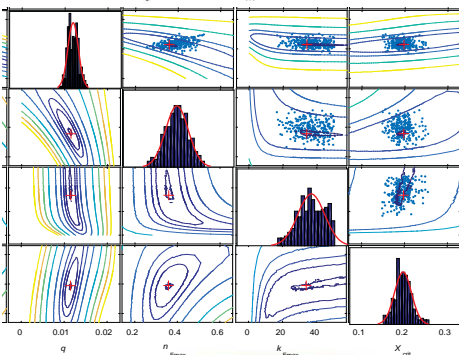
 #BioBrokerage

From genome scale models to process modelling

- The topic of a BBI-JU call but with no funded projects (BBI.2018.SO2.R8)
 - - - computational systems for modelling - - bioprocesses involving micro-organisms
- Fascinating topics in the upcoming **Food & Natural Resources & KET-B** calls
- We are looking for a project (as a coordinator or a partner) to advance the utilisation of **genome scale modelling** and integration to **environmental models** (e.g. bioreactor) in biorefinery processes
- We are looking for partners in e.g.
 - Genotype profiling & bioinformatics
 - Microbial strain development for biorefinery processes
 - Other expertise to help us reach our goal!

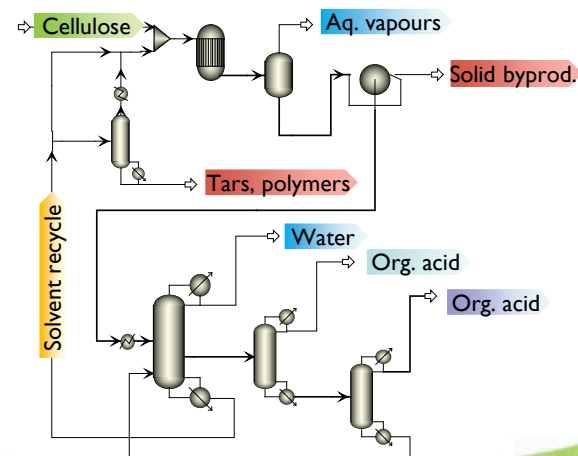


Biomass fractionation
Chemical and enzymatic conversions
Fermentation technology



Mechanistic modelling
Numerical methods
Model analysis

Process concepts
and process
modelling





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Chemical Process Engineering

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<https://www.oulu.fi/pyokemen/>



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