

SC2 and KET-B Brokerage Event

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

Brussels, 26th June 2018



Ket-biotechnology biotec

New bioreactor for the biological depolymerisation

Tonči Rezić

Faculty of Food Technology and Biotechnology (PBF)

University of Zagreb (UnZg)



www.ncp-biohorizon.net

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

 #BioBrokerage



According to the topic description *CE-BIOTEC-05-2019: Microorganism communities for plastics bio-degradation (RIA)* we can contribute to the consortium with:

- The construct of new bioreactor for the biological depolymerisation processes using the criteria of the bioprocess efficiency
- Produce selected microbial exocellular enzymes for the deconstruction of the polymer materials



Using the criteria for bioprocesses efficiency and analyses of sustainability we are developing tailor made bioreactors for specific microbial and enzyme bioprocesses.



We are looking for a project coordinator and groups able to provide:

- experts in metabolomics and proteomics
- molecular biotechnologist (enzymologist) with knowledge of enzyme separation and purification techniques
- cooperation with SMEs
- bioanalyses experts (e.g. MALDI-TOFU-MS experts)
- experts in the genetic engineering



Tonči Rezić

Faculty of Food Technology and Biotechnology, University of Zagreb

Zagreb, Croatia

trezic@pbf.hr

