

4th Phosphorus in Europe Research Meeting (PERM) Online, 2nd June 2021



In partnership: ESPP, Biorefine, Proman, ETA Florence

H2020-BBI URBIOFIN Project



Demonstration of an integrated innovative Biorefinery for the transformation of M.S.W. into new Bio-Based products



10 t/d OFMSW



Horizon 2020
European Union Funding
for Research & Innovation



Bio-based Industries
Consortium

Natalia Herrero

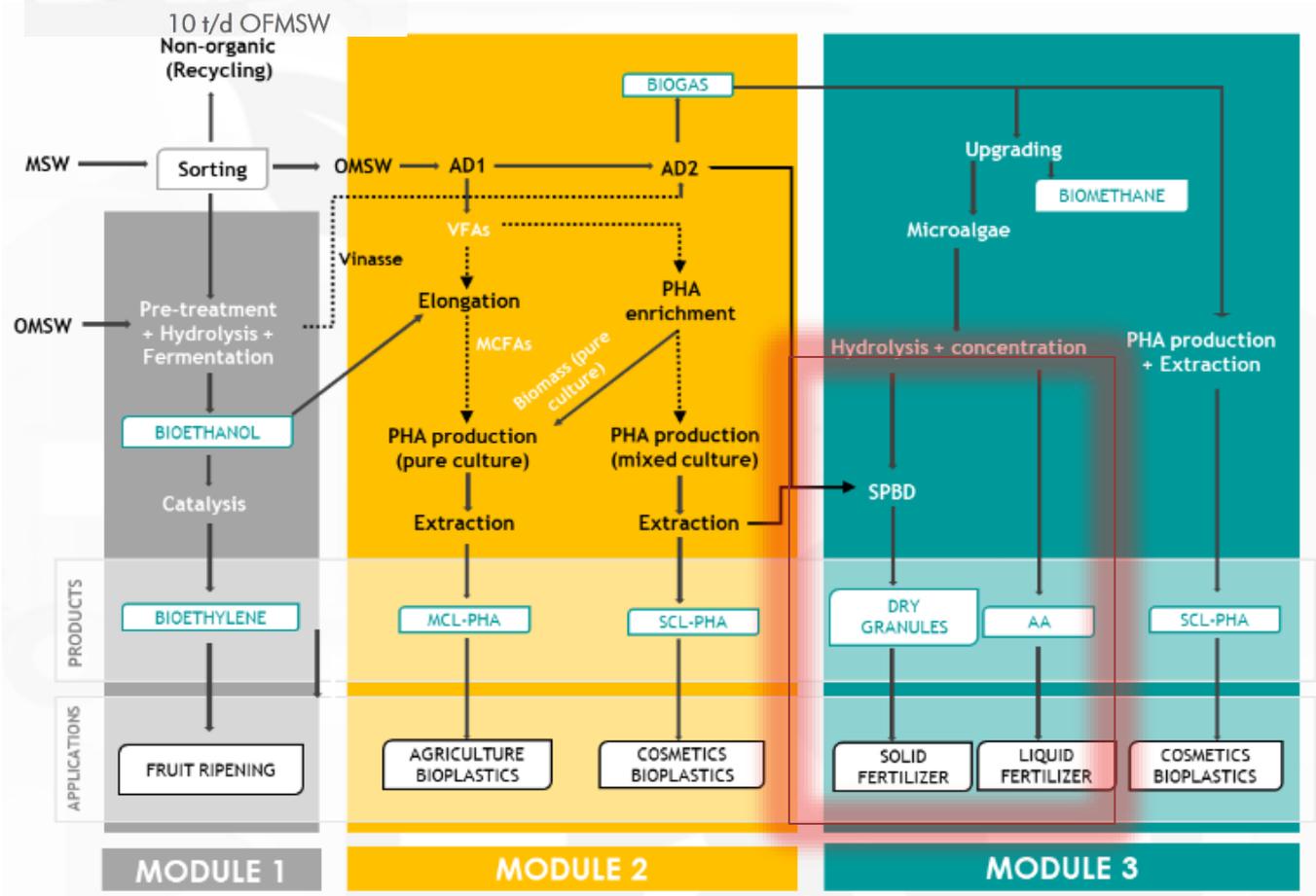


Biomasa Peninsular

<https://www.urbiofin.eu/> Horizon 2020 Grant agreement N° 745785



Demo units & Flow



IMECAL. PERSEO Biorefinery®



URBASER. Centro Alfonso Mailla



IRIAF. CLAMBER Demo Plant



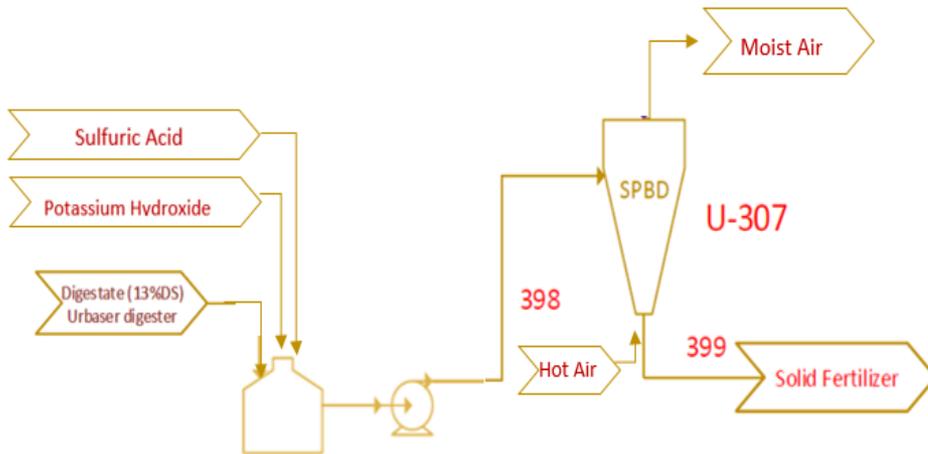
M.S.W.O.F. into Bio-Based products:

Bioethanol, Bioethylene, PHAs bioplastics, Biomethane, O-M fertilisers, Biostimulants

M.S.W.O.F. into Bio-Based products: Organo-Mineral fertilizer from end of line digestate

Formulation: Digestate + N, S+ K

Drying, Granulation
EKONEK Pilot line



Organo-mineral fertiliser