

MAKING RESEARCH RESULTS WORK FOR SOCIETY



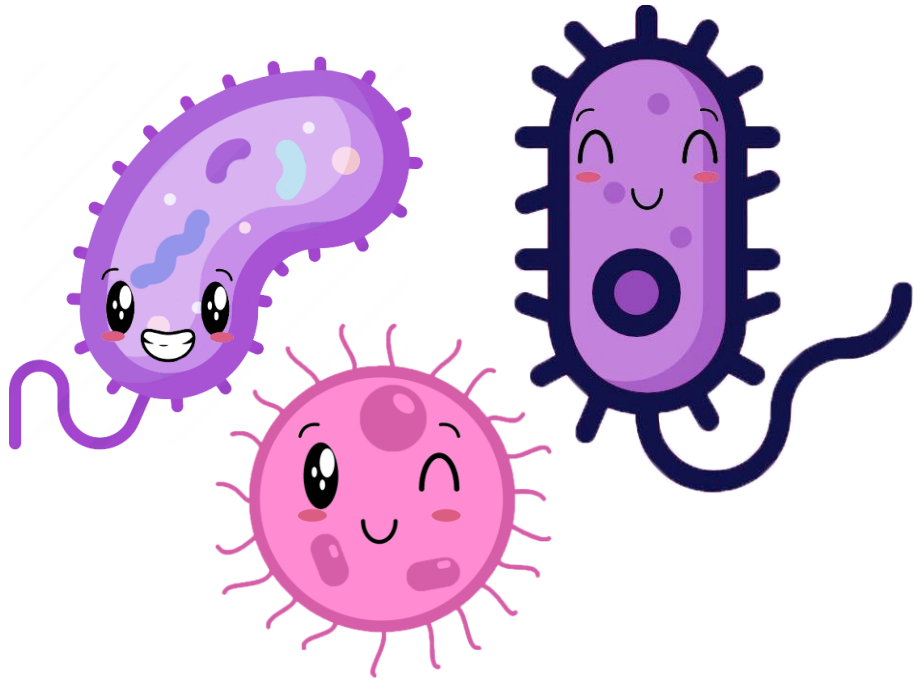
The purple phototrophic bacteria platform

Luis Diaz Allegue

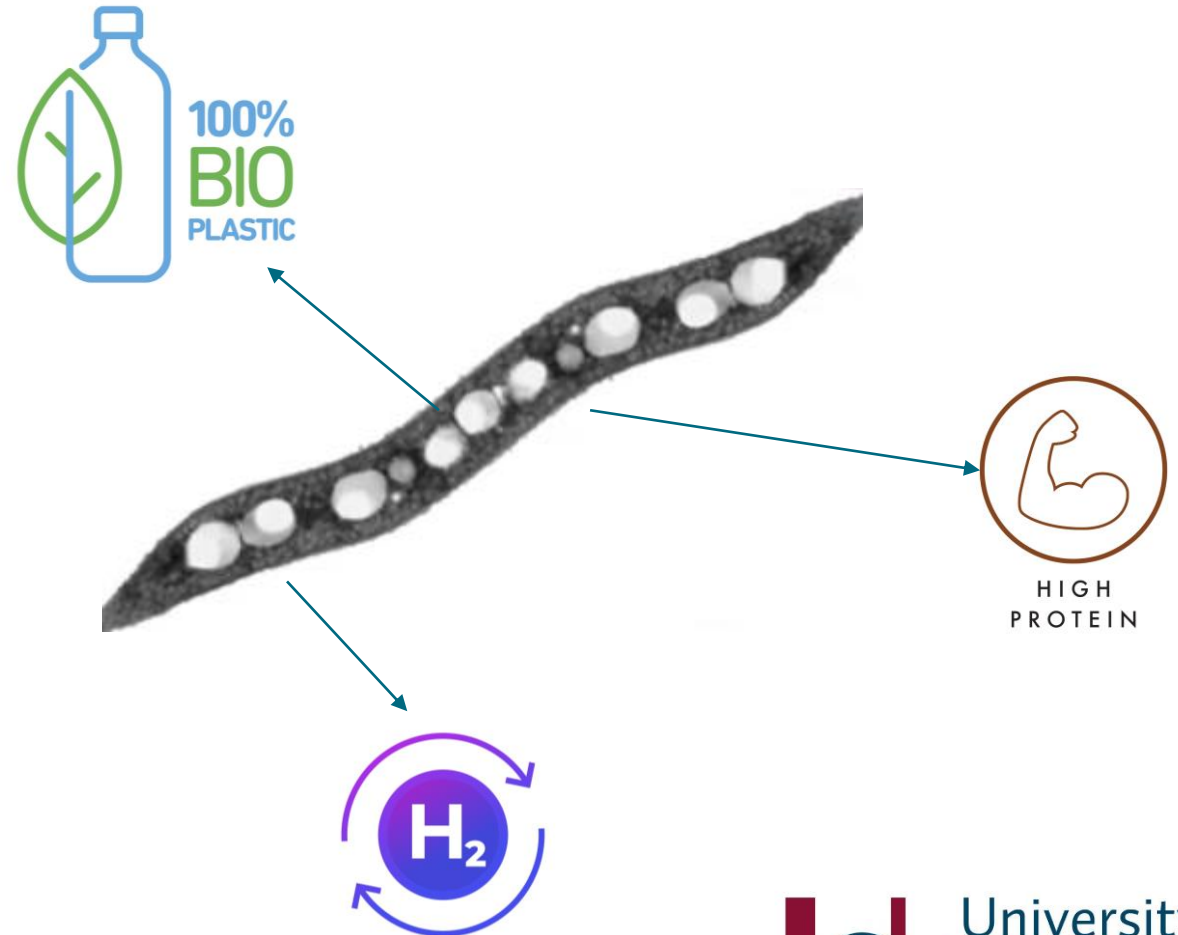
*BUILDING SOLUTIONS FOR THE CIRCULAR
ECONOMY THROUGH OPEN INNOVATION*

Research and
Innovation

Purple Phototropic Bacteria (PPB)

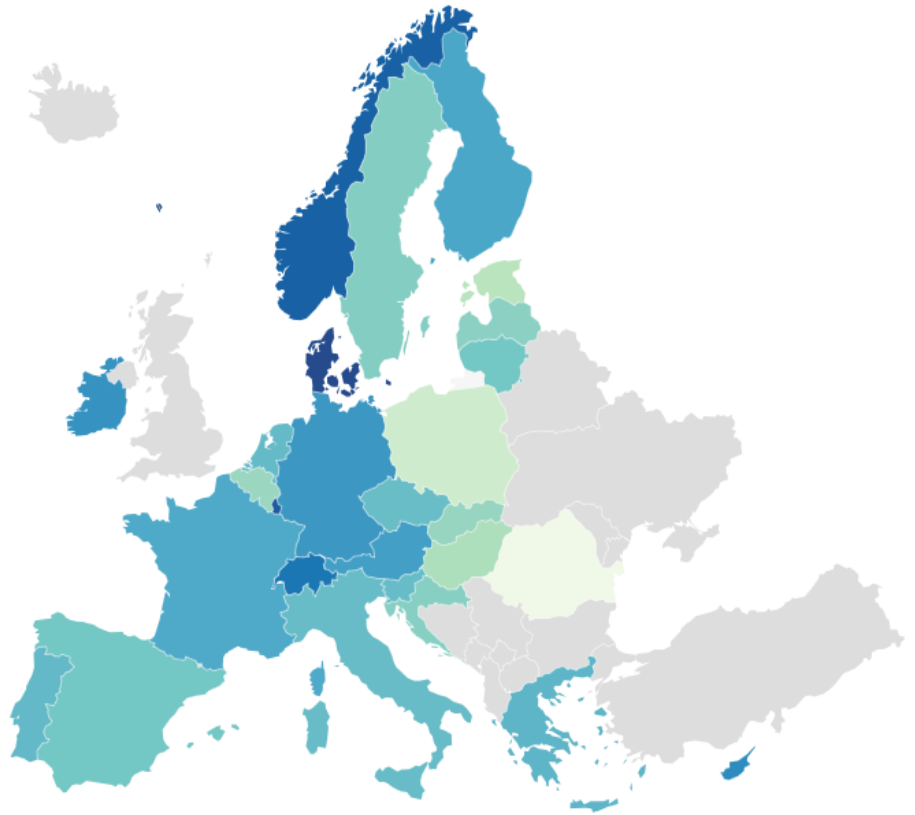


PPBellas



Municipal Solid Waste

MW in the EU - 2020
(in kg per capita)

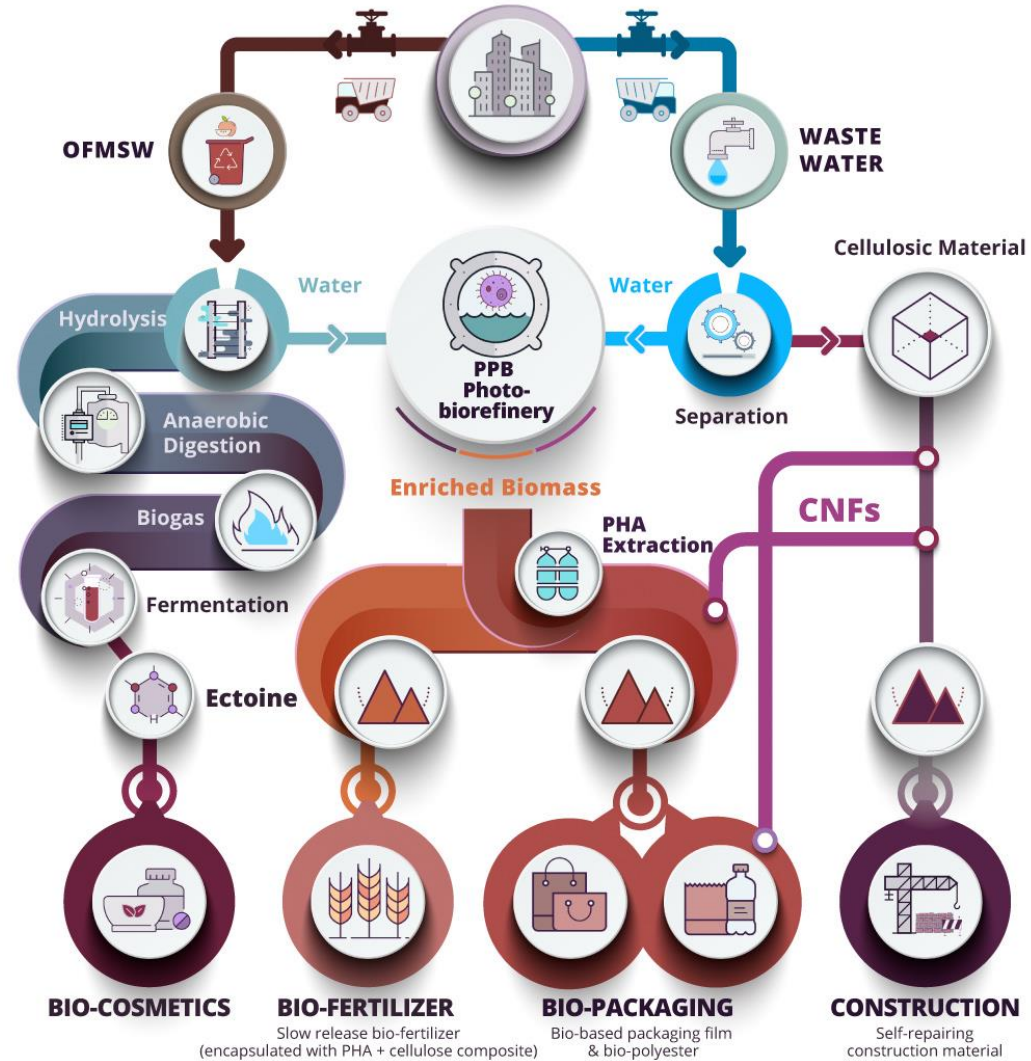


40-60% is the organic fraction



Less than 10% of MSW to landfill
Recycling of 65% by weight of MSW

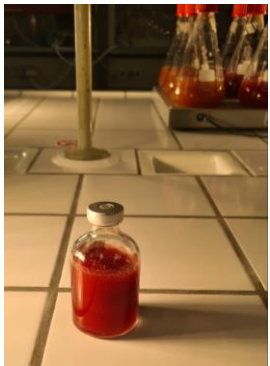
DEEP PURPLE Project



An European effort



TRL growth



Basic concept



Lab-scale



Pilot scale

Biggest Purple Photobiorefinery



"Deep Purple" plant located at the Linares (Spain) WWTP / Cadena SER



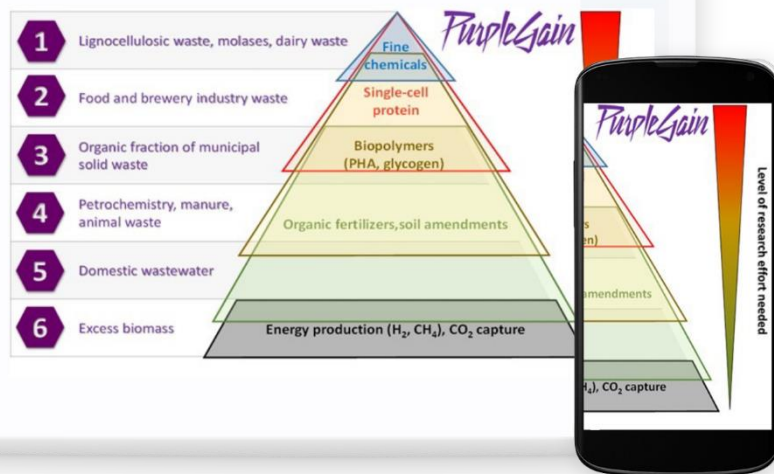
Demonstration scale



Cost-Action 2023 - 2027

189 participants

33 countries



Thank you

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Dr. Luis Diaz Allegue



Luis.DiazAllegue@uantwerpen.be



@allegueld



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Joint Undertaking

This project has received funding from the Bio-based Industries Joint Undertaking (JU) under the European Union's Horizon 2020 research and innovation programme under grant agreement No 837998. The JU receives support from the European Union's Horizon 2020 research and innovation programme and the Bio-based Industries Consortium

