

BARBARA PROJECT FINAL CONFERENCE

Engineering bioplastics for industrial 3D printing

AITIIP, October 6th, 2020



- 09.00 – 09.30** **Registration**
- 09.30 – 10.00** **Official opening**
- * Juan Manuel Blanchard, Presidente de Aitiip
 - * Paloma Mallorquín, Project Officer, Bio-based Industries JU
 - * CDTI
 - * Gobierno de Aragón
- 10.00– 10.15** **Project overview**
- * Berta Gonzalvo, Aitiip Research Director and BARBARA project coordinator.
- 10.15 – 11.30** **Extraction of starch and natural compounds from agrowaste**
- * From corn to bioplastic: subcritical water extraction of arabinoxylans from corn fibre. Fran Vilaplana, KTH
 - * Extraction of natural dyes and antimicrobials from agro-food waste. M. Carmen Garrigós, UA
 - * Scaling up extraction processes. Stéphane Kohnen, CELABOR
 - * Life Cycle Assessment. Luigi Torre, UNIPG
 - * Questions and answers
- 11.30 – 11.50** **Coffee-break**
- 11.55 – 12.35** **3D printing engineering bioplastics**
- * Functionalisation of compounds. Lidia García, TECNOPACKAGING
 - * Innovative 3D printing methodologies for bioplastics. Marta Redrado, AITIIP
 - * Questions and answers
- 12.35 – 13.30** **Industry vision on 3D printing and bioplastics**
- * Construction sector. Eva Martínez, ACCIONA
 - * Automotive sector. Andrea Pipino, CRF
 - * Materials supplier. Silvia Catalán, NUREL
 - * Questions and answers
- 13.30 – 15.00** **Networking lunch**
- 15.00 – 15.45** **Other approaches for agrowaste**
- * FECOAM vision and projects. Pedro Sánchez, FECOAM
 - * From citrus peel to biobased bottle: Citruspack project.
 - * ECOFUNCO (ECO sustainable multifunctional biobased Coatings with enhanced performance and end of life options). Alfonso Jiménez, UA
- 15.45 – 17.45** **Site visit to Aitiip facilities.**