

BARBARA PROJECT FINAL CONFERENCE

Engineering bioplastics for industrial 3D printing

Online, October 6th, 2020



09.15 – 09.30

Connecting

09.30 – 10.00

Official opening

- * Juan Manuel Blanchard, Presidente de Aitiip
- * Paloma Mallorquín, Project Officer, Bio-based Industries JU
- * Marta de Diego, 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. Francisco Vilaplana, Balázs Imre & Reskandi Chastelia Rudjito, 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

11.50 – 12.30

3D printing engineering bioplastics

- * Development of functional materials for 3D printing. Lidia García, TECNOPACKAGING
- * Innovative 3D printing methodologies for bioplastics. Marta Redrado, AITIIP
- * Questions and answers

12.30 – 13.30

Industry vision on 3D printing and bioplastics

- * Construction sector. Eva Martínez & Monica Sánchez, ACCIONA
- * Automotive sector. Andrea Pipino, CRF
- * Materials supplier. Silvia Catalán, NUREL
- * Questions and answers

13.30 – 14.30

Lunch break

14.30 – 15.30

Other approaches for agrowaste

- * FECOAM vision and projects. Pedro Sánchez, FECOAM
- * From citrus peel to biobased bottle: Citruspack project. Carolina Peñalva, AITIIP
- * ECOAT (ECO sustainable multifunctional biobased Coatings with enhanced performance and end of life options). Alfonso Jiménez, UA

15.30 – 15.45

Official Closing