

Repair 3D

REPAIR3D PROJECT NEWSLETTER 2021

Issue 1

NEWSLETTER

The **Repair3D Project** aims to address all aspects and stages of thermoplastic and CF reinforced thermoplastic 3D printing material development from recycled resources, starting with the selection of suitable waste streams, strategies for material repair, compatibilization and upgrade towards AM processing, compatibility between different thermoplastic matrices and the reinforcing fibres and nanoparticles, comparative assessment of various AM thermoplastic processing technologies and closed-loop material optimisation in terms of processability and performance.

The Repair3D Project held its 2-year review meeting on the 24 February 2021. Due to the current pandemic, it was held virtually. This was an opportunity for the Repair3D partners to present their research achievements and discuss about the forthcoming Open Day meeting.



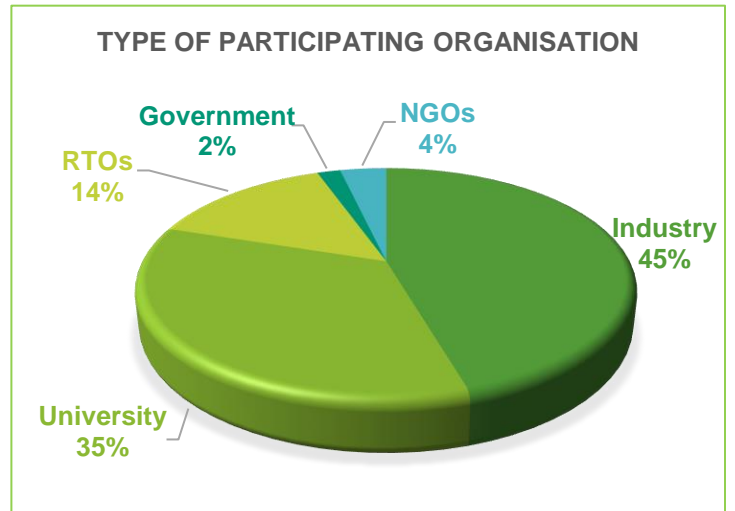
This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No. 814588. This newsletter has been produced by Repair3D project. The contents of this publication are the sole responsibility of the project partners and cannot be considered as reflecting the position of the European Union.

Dissemination Activities

The main dissemination activity the **Repair3D** project had during these first months of 2021, was their **1st Open Day Event**, held on the **1st March 2021**, via ZOOM digital platform. A total of **118 participants** registered to this event, from which **54 belong to external organisations**

With the aim to enable clustering activities between projects, related projects were identified ahead of the Open Day and coordinators and key partners from these projects were invited to participate and present at the Open Day. Several representatives from these projects have participated in the workshop including members from *DeCOAT*, *PUReSmart* and *Terminus* Projects, funded in the same call as Repair3D participated in the workshop and each of the Projects Coordinators presented at the Open Day Workshop. Representatives from the Project *Crestring* also participated.

Some of the external guests to this event, came from multinational organisations and leading technology companies and universities such as: *Arup*, *Altran*, *MBDA*, *BAE Systems*, *Q5D Technology Limited*, *National Composites Centre*, *Archroma*, *AIMEN*, *42TEK*, *Sofinnova partners*, *NTCP*, *IFREMER*, *BL NanoBiomed*, *The University of Sheffield AMRC Composites*, *National University of Ireland, Galway (NUIG)*, *The University of Hull*, *KU Leuven*, *University of Manchester*, *Cranfield University*, *Utrecht University*, *"Centre Hospitalier Universitaire de Lille*, *Sigma-Clermont*, *University of Camerino*, *University of Plymouth*, *University of Crete*, *Department of Chemistry*, *University of Nottingham*, *University of Castilla-La Mancha* and *UNIBO* among others.

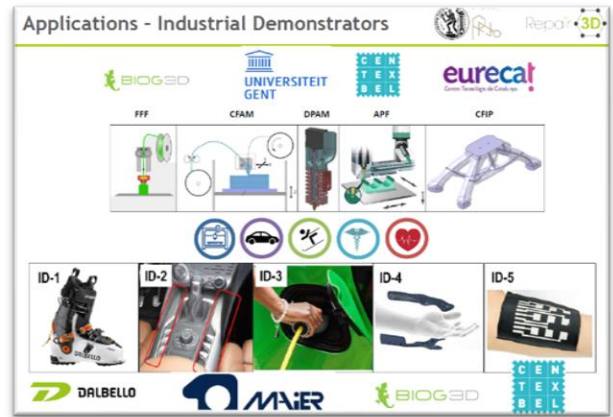
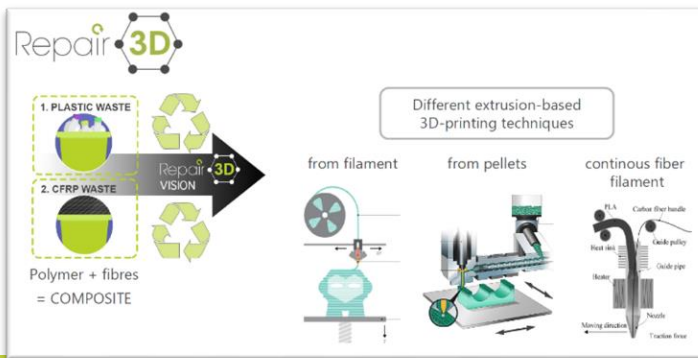
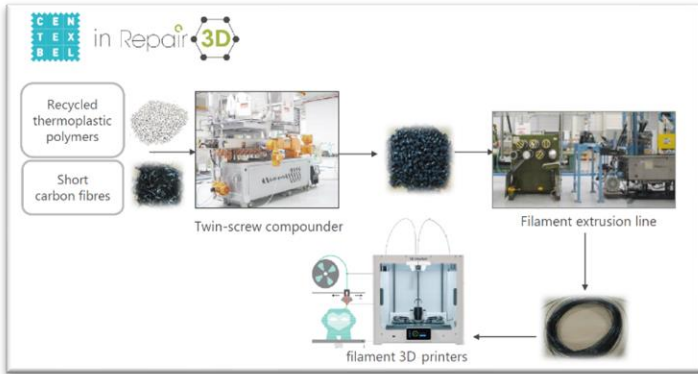


Repair3D Open Day 2021 – Participating organisations



Repair3D Open Day 2021

Repair3D Project Partners gave an overview of their general activities, with an emphasis on the progress of their work in the project.



Repair3D Open Day 2021 - Participants



Repair3D Open Day 2021 presentations



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Contact us:

Project and Technical Coordinator:

Warrant Hub S.p.A., Italy - National Technical University of Athens (NTUA), Greece

Email: coordinator@repair3d.eu

Exploitation Manager:

Cambridge Nanomaterials Technology Ltd, UK

Email: expo@repair3d.eu



<https://www.linkedin.com/groups/13689884/>



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