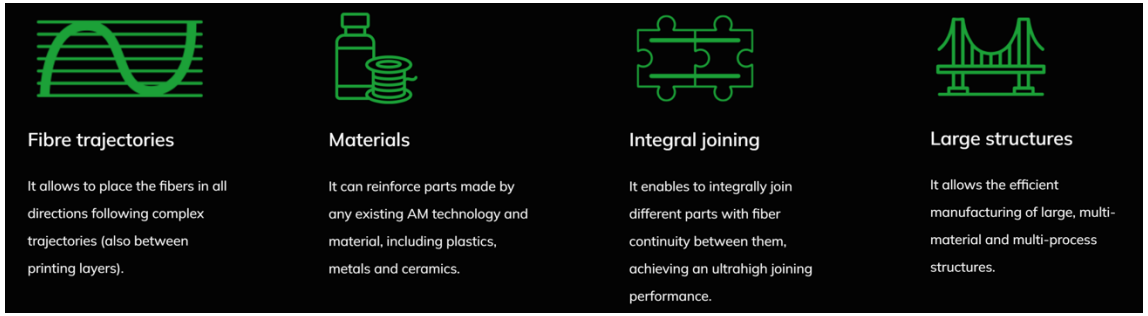

Additive Manufacturing

# Reinforce3D: Eurecat spin-off
# Enhancing the Performance of 3D-Printed Materials

**First technology based on reinforcing the part after the Additive Manufacturing:** Reinforce3D is a start-up aimed to further develop and commercialise the **Continuous Fiber Injection Process (CFIP) Technology.** CFIP is a new post-process technology which drastically improves the mechanical and lightweighting performance of 3D printed parts by reinforcing them with continuous fibers

**RTO knowledge transfer into the market:** Born from a partnership with BeAble Innvierte Kets Fund (BIKF), Eurecat and Marc Crescenti (researcher previously working at Eurecat). This technology has been jointly developed for **commercialisation through a newly created spin-off**

**An Advanced Manufacturing technology:** This advancement contributes to **reducing $CO_2$ emissions**, fuel and electricity costs. It also increases the **European competitiveness and productivity**, while reducing the manufacturing costs




eurecat

BeAble CAPITAL
Science Equity for Tomorrow's Industry

**An Eurecat Technology Nurture by Collaborative Projects**

**Beneficiating from a Partnership with an Investment Firm**

**Leading to a New Industrial Spin-off**

REINFORCE 3D

# Reinforce3D: Eurecat spin-off

EARTO IMPACT DELIVERED

## 2014 — Idea Start

**Idea (TRL 1-3):** Proof of concept development by Eurecat

## 2015 — Collaboration advancements

- **Projects with HP and Asics**
- Internal Research projects PRIV and TRAÇA
- Eurecat adopts the **CFIP Technology** developed initially by a researcher working at the centre

## 2017 — Two patent applications

- **2015:** IP protection for the Technology and Method submitted
- **2017:** 2nd patent Shared with Airbus Research to Industry3D Congress

## 2019 — Technology presentation & recognition

Presentation at **Industry3D Exhibition** and awarded at **JEC World**.

IN(3D)USTRY FROM NEEDS TO SOLUTIONS Best Solution in Advanced Materials

JEC INNOVATION AWARDS WINNER

## 2021 — Spin-off creation

October 2021 LOI signed with **investor BeAble** to constitute a spin-off to exploit CFIP technology

BeAble CAPITAL

In December 2021 **Eurecat Board approves the constitution of Reinforce 3D S.L.**

## 2024 — Market Deployment

- First service contracts signed
- Machine development continues
- **First Machines sales end of 2024**

**10 Years**

**EU & Worldwide Market Expansion**

*"This technology makes it possible to address some of the mechanical performance, dimensions and part type limitations that additive manufacturing has currently."*

**Marc Crescenti, CTO and partner at Reinforce3D and the architect of the technology in his role as a researcher at Eurecat**