

PhD thesis in recycling composite materials using organocatalysis

A **PhD fellowships** is available between the University of Basque Country (supervisor: Haritz Sardon) and CIDETEC technological Center (supervisor: Alaitz Rekondo). The **aim** of this position will be to develop innovative routes for recycling the composite materials using organocatalysis to valorize both the fibers and the polymeric material. The goal is to design new strategies for depolymerizing them into small building blocks, followed by their transformation into novel functional polymers (what is called “polymer upcycling”) by sustainable processes in mild conditions. The expected **starting date** is between November 2021 and January 2022.

Applicants must have a BSc and MSc in polymer chemistry and materials, and a strong background in organic chemistry. Applications to the position should be addressed to Dr. Alaitz Rekondo through the webpage of the CIDETEC (<https://cidetec-talento.talentclue.com/en/node/79791379/4590>) until 30/11/2021. Applications will be considered upon arrival and should include:

1. (i) a cover letter highlighting their interest in the position.
2. (ii) curriculum vitae.
3. (iii) a short description of previous research (1-2 Pages).
4. (iv) the names and contact addresses (e-mail) of two academic referees.

POLYMAT has obtained the ‘HR Excellence in Research award’. The award reflects our commitment to continuously improve our human resource policies in line with the European Charter for Researchers, the Code of Conduct for the Recruitment of Researchers and our commitment to achieve fair and transparent recruitment and appraisal procedures.