

EURECOMP



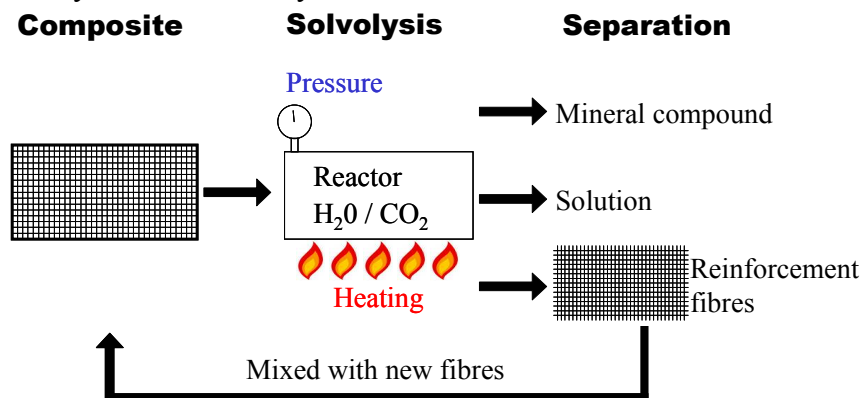
Supported by the European Commission, Seventh Framework programme

The EURECOMP project aims at developing a novel recycling route for thermoset composites through the solvolysis process. EURECOMP gathers together partners from various fields of activity (industrial companies and universities; from material producers through to end users) and will explore both the fundamental processes and practical facility development. In addition, the project will collate the necessary information on upstream and downstream markets, economic efficiency and life cycle assessment.

EURECOMP's key objective is to separate, through a water-based process, the different elements of the composites - chemicals from the matrix, fillers and fibres - to have them then available in a suitable form for reuse in new applications.

Solvolysis technology should be able to solve the problems of recycling thermoset composites, with their crosslinked state, as well as circumvent the drawbacks of other recycling techniques (mainly combustion methodologies) that do not allow for reuse of organic components.

The project was officially launched in May 2009 and will continue for a duration of 36 months.



Partners:

- Plastic Omnium Auto Exterior
- Volvo Technology Corporation
- Xietong Automobile Accessories
- SACMO
- ECRC (European Composites Recycling Services Company)
- BPF (British Plastic Federation)
- URIARTE Safybox
- ICAM Nantes
- GAIKER
- University of Limerick

- University of Exeter
- University of Bristol
- COMPOSITEC

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