





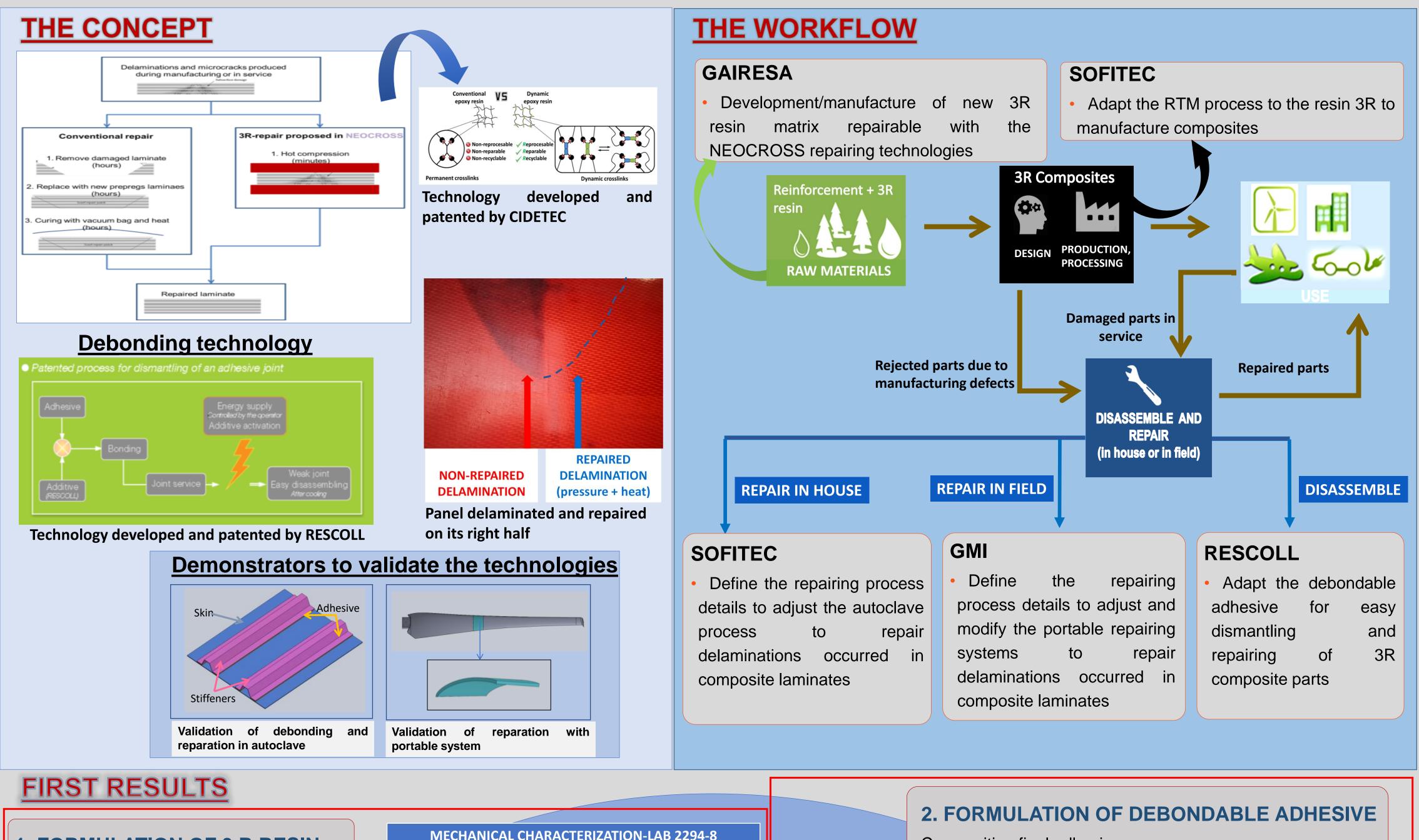
New EpOxy Composite with repairing properties through dynamic CROSSlinking

NEOCROSS

THE PROJECT

The project aims to develop a new generation of high-performance epoxy composites and adhesive debondable on command that can be manufactured by traditional methods, but unlike the current ones, they can be easily disassembled and repaired in terms of fibre/matrix delaminations by applying heat and pressure on the damaged area.

The final objective is to reduce costs by means of recovering rejected composite parts delaminated in production line or in service.



MECHANICAL CHARACTERIZATION-LAB 2294-8 1. FORMULATION OF 3 R RESIN MODULI STRENGHT ELONGATION AT TEST Formulation: LAB 2294-8 (MPa) BREAK (%) (MPa)

Composition final adhesive:

Part A : Epoxy resin

