

De-Bondable Fibre-Designs

Boel Wadman
Swerea Grants Office, boel.wadman@swerea.se

Call addressed

- EC Call Factories of the Future:
- *Re-use and remanufacturing technologies and equipment for sustainable product lifecycle management*
- The project is aimed at paving the way for remanufacturing, closed loops and circular economy by validating and demonstrating disassembly and recovery of glued fibre-composite materials.
- Research that is to be done is holistic, builds on lessons-learned from industrial case studies and will include all aspects of refabrication of bonded fibre-designs.

Partners needed

Our top priority is to find interested Original Equipment Manufacturers for case studies to learn from.

We are currently also looking for experts on the following.

- Production and unbonding of adhesives
- Business models in cyclic economies
- Supply chain management, especially cyclic materials flow, including used components quality
- Automation, especially quality assurance of adhesive processes

Swerea IVF – *Research for Industrial Benefit*

In 2012, Swerea IVF participated in 21 FP7 projects, of which we coordinated 5.

Contact: Dan Engström Associate professor, Product Development
Ph +46 (0) 31-706 61 47, dan.engstrom@swerea.se, www.swereaivf.se



Research for Industrial Benefit
www.swerea.se