



Circular process for ecodesigned internal car parts

Activities

- Sustainability Assessment
 - Life-Cycle Assessment,
 - Life-Cycle Costing,
 - Social-Life-Cycle Assessment
- Technical evaluation of internal (decorative) parts
 - Dashboard Air Duct Defroster
 - Centre Console
 - Trunk/Cargo and pillar covers

Objectives

- Demonstrate the project technical and socio-economic feasibility and assure a sustainable market introduction of the resulting circular designed products for FIAT.
- Improve the green image of FIAT, guaranteeing the sustainability of these products until their end-of-life.
- Promote closed-loop thinking and practice across FIAT and its supply-chain

Added value

- Achieved 10% reduction in the cost of the proposed products (in comparison to Service-oriented architecture SoA)
- Succeeded a payback for each proposed line of products of less than 8 years