

# ResCoM

business, design  
and manufacture

# circular economy best practices

ResCoM delivered innovative design methodology and software for the industrial implementation of closed loop product systems. ResCoM stands for Resource Conservative Manufacturing, and is a four year EU funded collaboration between manufacturers, researchers and knowledge providers.

## Get started

- state your ambition
- align top-management
- work as an incubator
- explore ResCoM tools
- set-up a multi-disciplinary team
- plan and request budget for iterations

## Design

- create different virtual models using ResCoM tools
- consult circularity experts to get ahead
- select one or two models to pilot
- engage supply chain and service engineers

## Pilot

- align iterative approach and go/no-go criteria upfront with the management team
- test all aspects of the business model
- plan for multiple pilot or design loops
- aim for new markets and additional returns, instead of percentual profitability

## Scale

- embed your test protocol in third party certification
- ensure PLM traceability of products and parts
- collaborate with partners specialized in new capabilities e.g. leasing and reverse logistics
- scale region by region, and product by product
- communicate your success stories



'Our company learned a lot from the ResCoM project and the provided tools, and are now piloting our multi-lifecycle leasing scheme.'



'It helps to involve team members from all departments, who are ready to challenge the status-quo.'



'We underestimated the required resources, we should have better analysed that upfront.'

**LOEWE.**

'Start the design phase finding and calculating new business models'



'Using ResCoM tools we discovered opportunities that we could implement straight away, such as increased re-cycled and recyclable content and ways to extend lifetime.'



'We suggest to start with virtual models and theoretical background'



'You need multiple loops in your pilot to allow for improvements before you can judge the success of your business model.'



'The pilot, using remanufactured components, showed us new challenges with proof of quality and consumer acceptance.'

**LOEWE.**

'For companywide implementation of circular business models we will set training cycles, internally and at external partners.'



'We are considering to involve external partner to handle the service, so we can focus on what we are good at: developing great products to last'

four OEMs **practical experience** developing and testing **circular products**