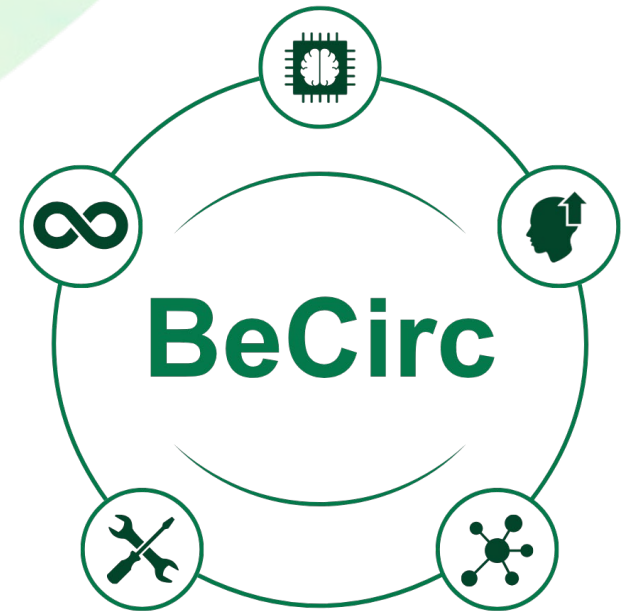




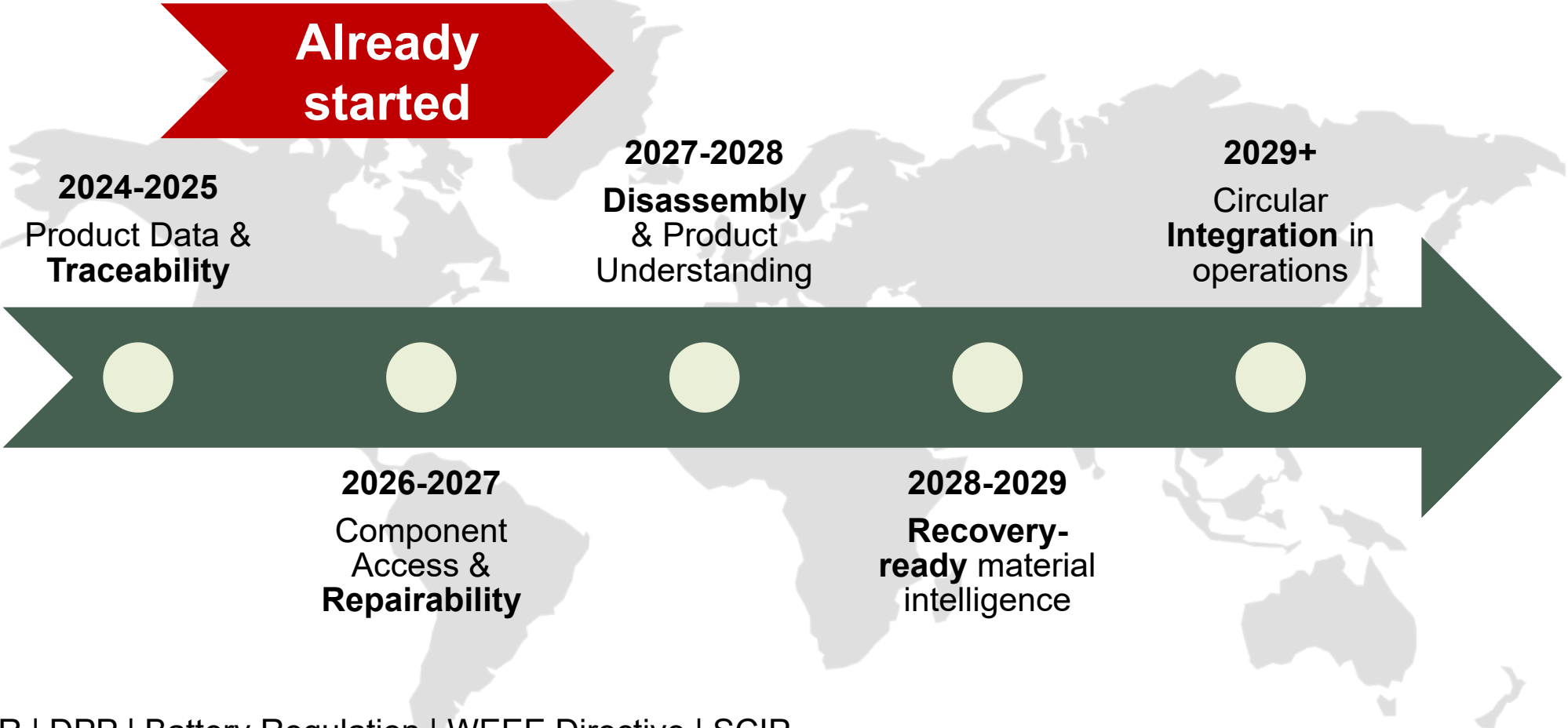
BECIRC

Making circular manufacturing operational for SMEs



Lucie Stutz, International Project Manager, SIPBB

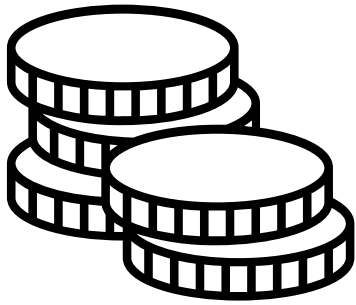
Regulatory pressure is accelerating...



ESPR | DPP | Battery Regulation | WEEE Directive | SCIP

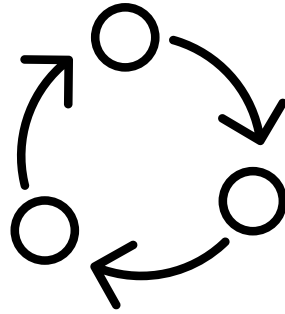
Illustrative capability roadmap informed by EU rules; actual legal dates vary by product category and sector.

...Make it your business value



Cut material & waste costs

- Up to 8% cost savings potential
- Material = ~60% of production cost



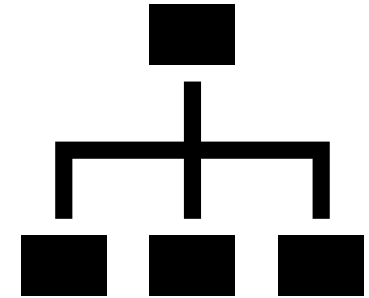
Recover value from products

- 40–65% lower cost vs new production
- Refurbished products sold at 60–85% of new price



Build high-margin services

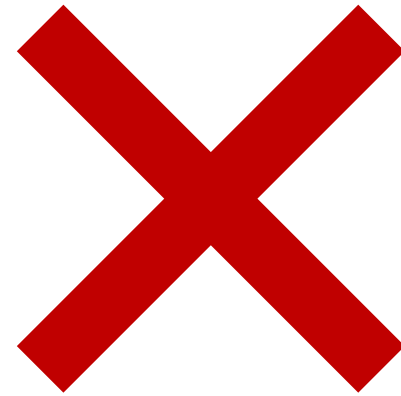
- Services = 60% of profits (industrial avg)
- 25% profit margin vs 10% for new products



Secure EU market access

- 55% of Swiss tech exports → EU
- Circular capabilities becoming selection criteria

The missing capability



Regulations



Technology



Implementation
Gap



Factory

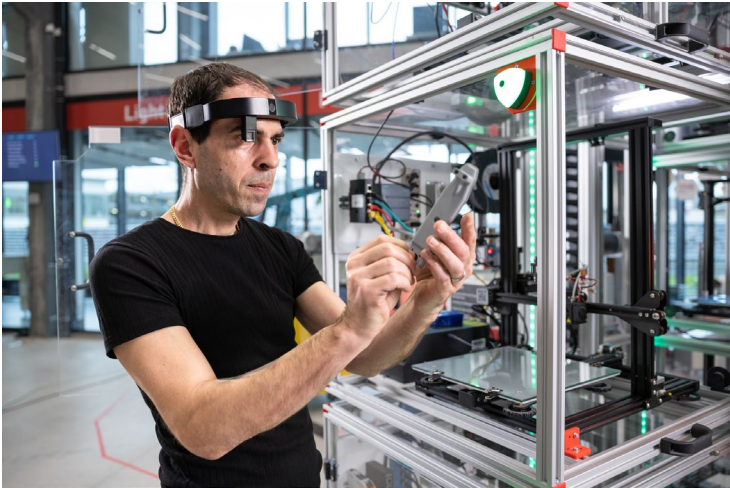
BeCirc – Your Implementation Toolkit



Real use-cases



Ready-to-use tools



Hands-on training

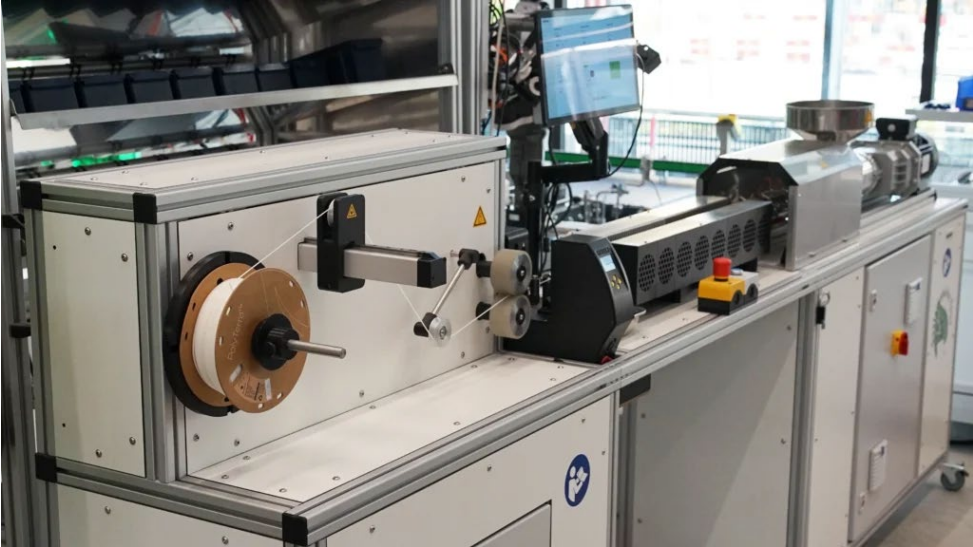
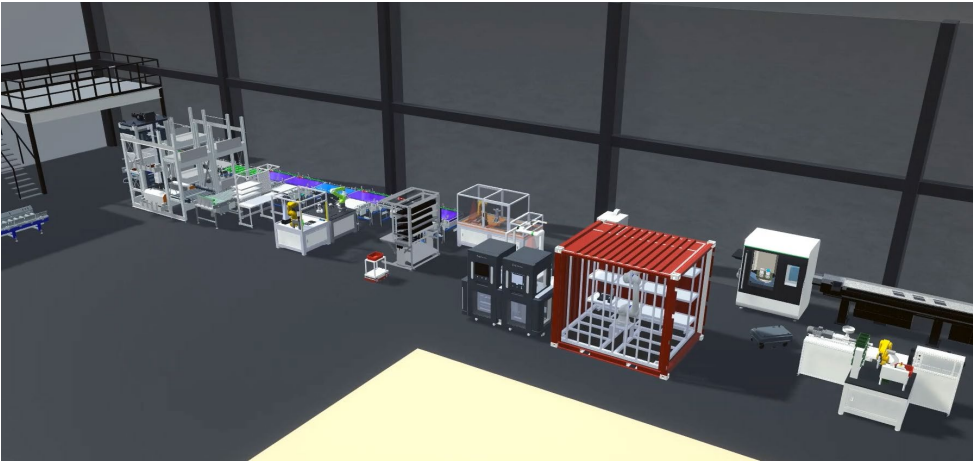


Test

Deploy

Scale

From concept to implementation



SWISS SMART FACTORY powered by **SWITZERLAND INNOVATION PARK DELÉMONT**

Digital Product Passport

SSF Quadcopter F330
DPP-ID [demo]ssf:dpp:40025 Product Identifier 40025

Loaded AAS submodel for "ssf/dpp/40025"

DPP Overview Download DPP ▾



Scan to open this DPP

SSF Quadcopter F330

Product description

SSF Smart Drone – A modular quadcopter featuring four rotors and customizable components, configurable in both compact and large formats. Its square or rectangular arm layout ensures stable and smooth flight performance. Designed for durability, it offers long battery life, easy handling, and quick disassembly for maintenance or repairs.

15-20 min
500 m

Status of the DPP **Active**

DPP-ID [demo]ssf:dpp:40025

Date of DPP creation 2025-10-22

<https://ssf.sipbb.ch/sustainability-tour/>

Some real examples

Almer Glasses Disassembly for Recycling



- BeCirc first project
- Start in June 2026

ABB Robots Remanufacturing 12'000+



- 60-80% of robot reused
- 75% less CO2 vs. New production
- 250 robots back / year

<https://www.abb.com/global/en/areas/robotics/services/remanufacturing-and-workshop-repair>

Do you have a product to:

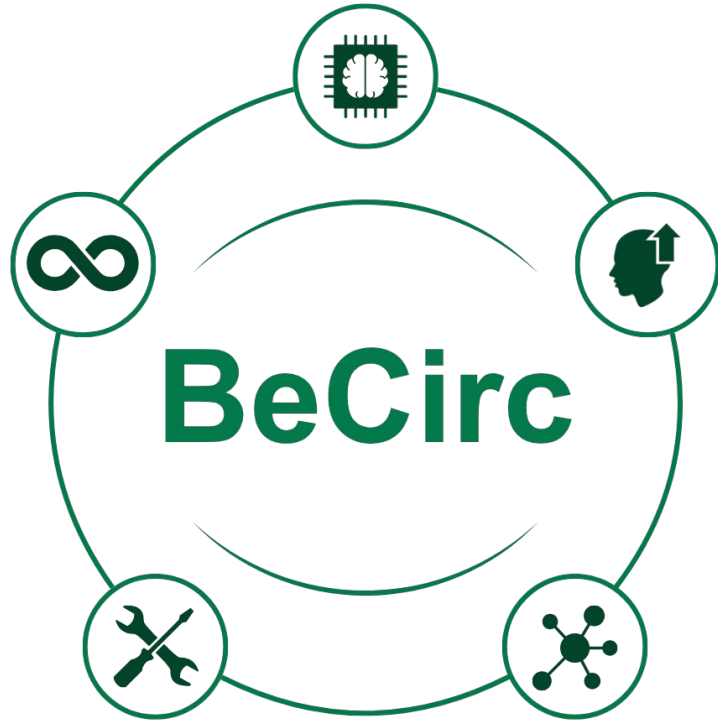
Reuse, Repair, Refurbish, Remanufacture,
Retrofit, Recover...

We help you

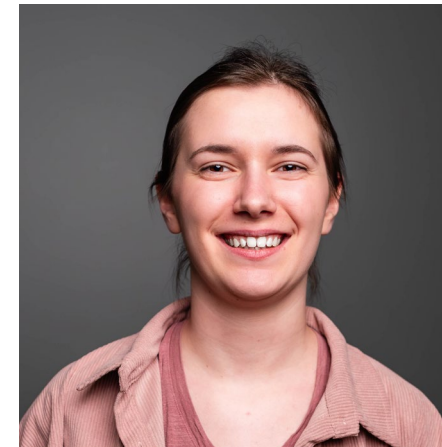


Start with one product. Test a solution. Scale from there.

Let's start with your first product



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Project Manager
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Supported by

