# Why are we talking about Circular Economy?



#### July 2024

EU Ecodesign for Sustainable -Products Regulation (ESPR)



#### Dec 2024

**GER National Circular Economy Strategy** 



#### In 2025 and beyond **EU Delegated Acts** for FSPR

### **Business Priorities**

- Regulatory conformity
- Cost reduction through material and energy efficiency
- Development of new business models and access to new customers
- Contribution to environmental and climate protection

## **Business Challenges**

- Embedding circular and sustainable design in existing processes and organizations
- Supply chain resilience
- · Secure and efficient data exchange across supply chains
- Circular and data-driven business models

# **Our Offering**

### **Strategic Consulting**

- Overview/Process: **Putting Regulations** into Practice
- Applicable Regulations
- · Assessment of Obligations
- · Complexity breakdown
- · Identify industryspecific opportunities
- High-level Individual Roadmap

#### **Status Quo** Analysis

- Circularity Assessment based on ISO standard
- Define Scopes, collect data, evaluate impacts
- Identify potential for resource efficiency and alternate business models
- Optimization scenarios based on the results

#### **Solution Consulting and Ecodesign**

- · Circular Product Design: Enhance product circularity and ecodesign for resource efficiency and sustainability
- · Sustainable R&D: Embed circularity principles into R&D and engineering processes
- Cost & Efficiency Gains: Reduce costs and improve efficiency through optimized recycling and reuse
- · Innovation for Competitiveness: Drive market advantage with sustainable product innovations
- Compliance & Transparency: Ensure regulatory compliance and supply chain traceability

#### Further **Kev Topics**

- Sustainable Value Chain
- Digital Product **Passport**
- Carbon Footprint Calculation and Management
- Corporate Sustainability
- · Data spaces and traceability in the Value Chain
- R&D and engineering process optimization

## **Partnerships** Catena-X Active member CIRPASS 2 Active engament in two expert working groups



We are...

Tracebility asset

# References



#### We did...

Enterprise architecture for digital product passport

Carbon footprint related projects and solutions

Corporate sustainability related projects

Supply chain optimization geared towards sustainability

