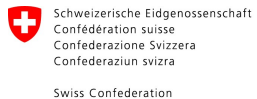




VALUE CHAIN EXPERIENCE AND CHALLENGES FROM OEM PERSPECTIVE

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Education and Research EAER
**State Secretariat for Education,
Research and Innovation SERI**
EU Framework Programmes



Content



01. Value chain transparency & expectations

02. Regulatory framework

03. Value chain overview

„Cradle to Gate” vs Full Life Cycle

04. DPP, as a solution

05. Conclusion & questions

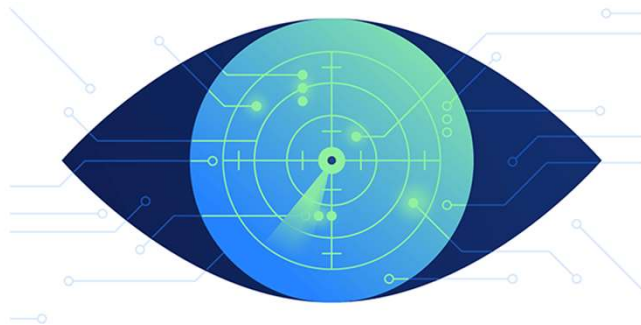
1. Value chain transparency & Expectations

*„Supply chain transparency refers to the practice of openly sharing information about **how goods are produced and where they come from**. Transparent supply chains verify the **origin and flow** of materials, parts, and finished products. By doing so, companies **keep stakeholders informed and comply with laws that protect the planet, workers, and human rights.**”*

ChatGPT

1. Value chain transparency & expectations

- How goods are produced
- Where they come from
- Clarity on origin and flow of materials
- Keep Stakeholders informed
- Compliance with regulations



1. Value chain transparency & expectations

Consumer

RELIABLE INFORMATION AVAILABILITY

Production related data
LCA data



CHALLENGES AT PURCHASING DECISION

Lack of transparency
Time spent on research
Structure of the information



Are these factors able to influence significantly the customer behaviour?

OEM

OBTAIN RELIABLE DATA & INFORMATION

Data on product level vs. facility level
Assess information lower than Tier 1 level



ASPECTS TO CONSIDER

Meet regulatory compliance
Fulfill consumer expectations
Secure competitiveness



2. Regulatory framework

- Value chain legislation is changing (CSRD / ESRS)
 - General requirements: Materiality & risk assessment
 - Topical standards: ESG
- Increasing reporting requirements: Constantly evolving & proactive regulatory approach
- **OEMs considerations:**

Risk of non-compliance

Penalties,
Brand-value loss

VS

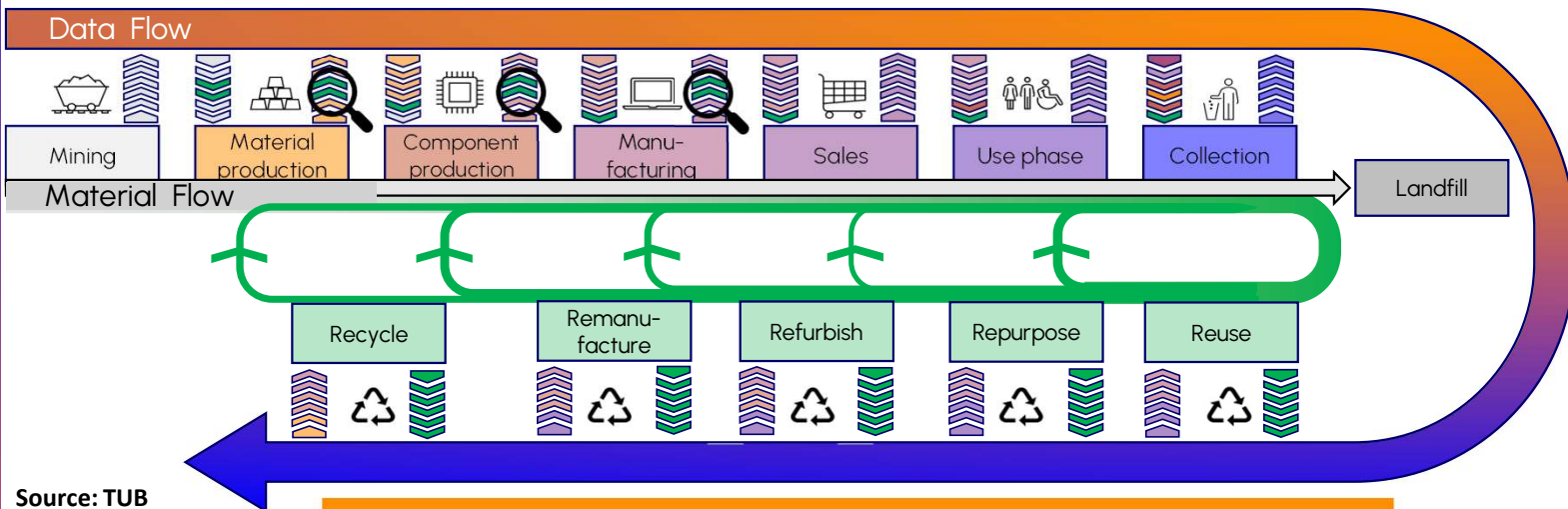
Gain on compliance

technical and financial
advantages due to new
regulatory environment

3. Value chain overview

Data related challenges:

- CRM sourcing & circularity
- Supplier data availability
- Data security and confidentiality



Source: TUB

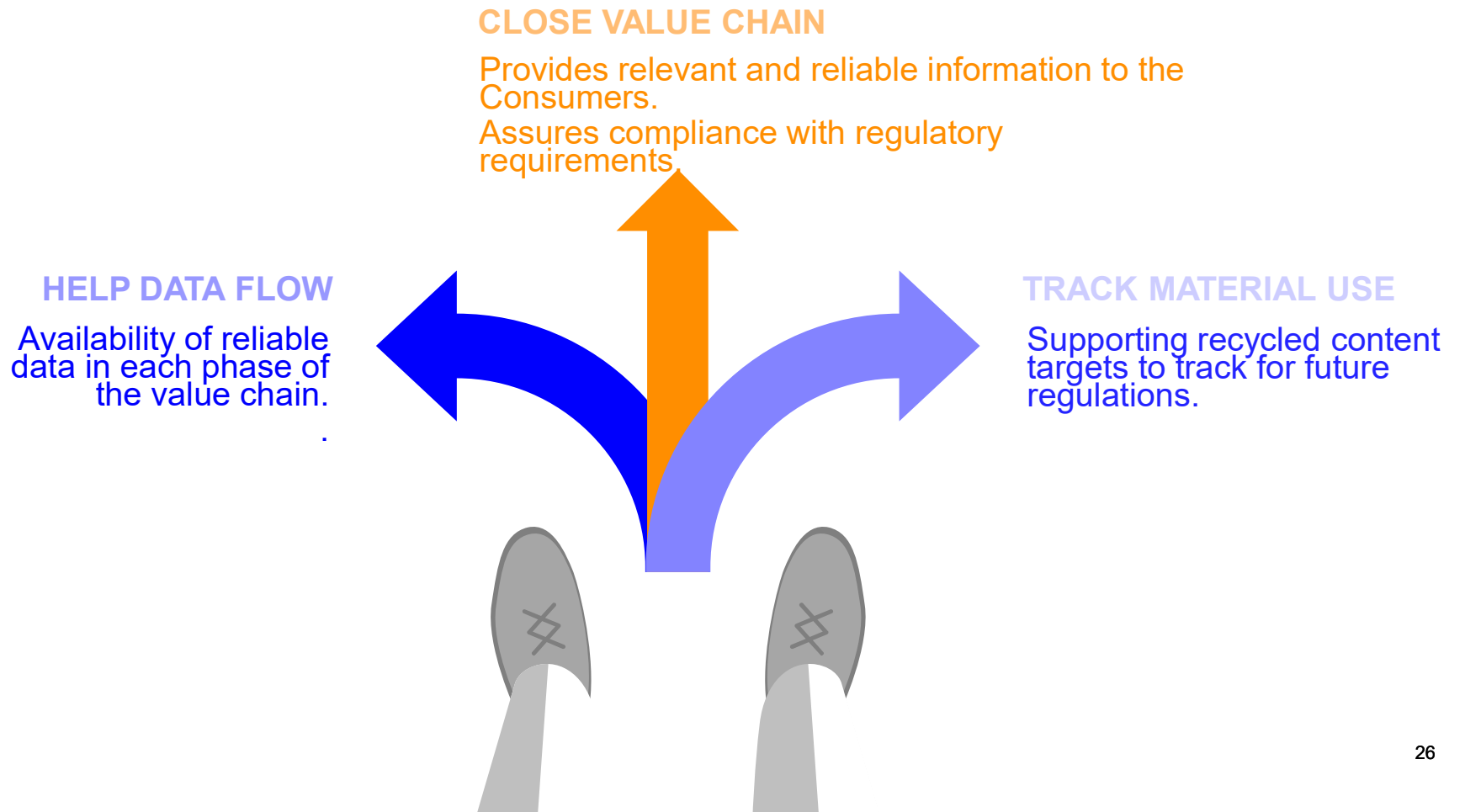
Challenges on Re-strategies:

- Data integration with Upstream
- Demand planning
- Measure environmental impact
- Data to support Ecodesign

System related challenges:

- Multiple DPP solutions
- Data handling

4. DPP, as a solution



5. Conclusion

- Consumers expect transparency for decision making
- Regulators gradually enforce producers to provide more data on manufacturing
- Challenges on data availability
- Opportunities in improving value chain transparency (role of DPP)



Thank you!



CE-RISE Project



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