

DIE ÖKOBILANZ – EIN STRATEGISCHER SCHLÜSSEL ZUM NACHHALTIGEN PRODUKTDESIGN

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Dassault Systemes, Germany

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3DEXPERIENCE®



A CUSTOMER QUOTE FROM A TIER 1 SUPPLIER

”

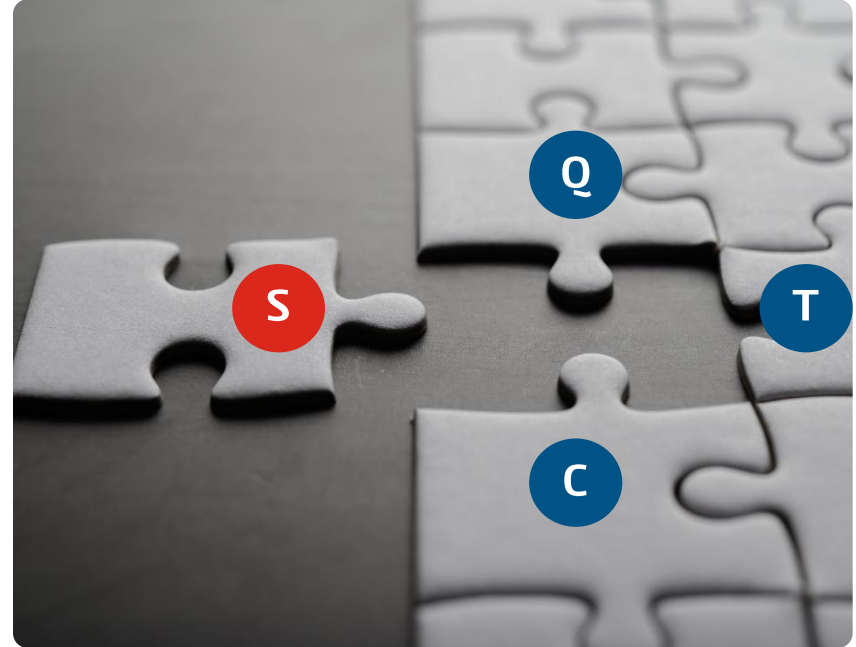
- Our most important Customer is demanding us to supply Carbon Footprint reports already in the RFI Phase
- We need to establish a sustainability Organization which takes care of the Methods, Processes and Tools
- The consequence of not adhering to this sustainability demand for us is not only loss of reputation but also loss of business and employee retention

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SUSTAINABILITY IN TODAY 'S CONTEXT

- The missing piece of the puzzle - Sustainability
- Worldwide Regulations on Sustainability
- EU Green Deal



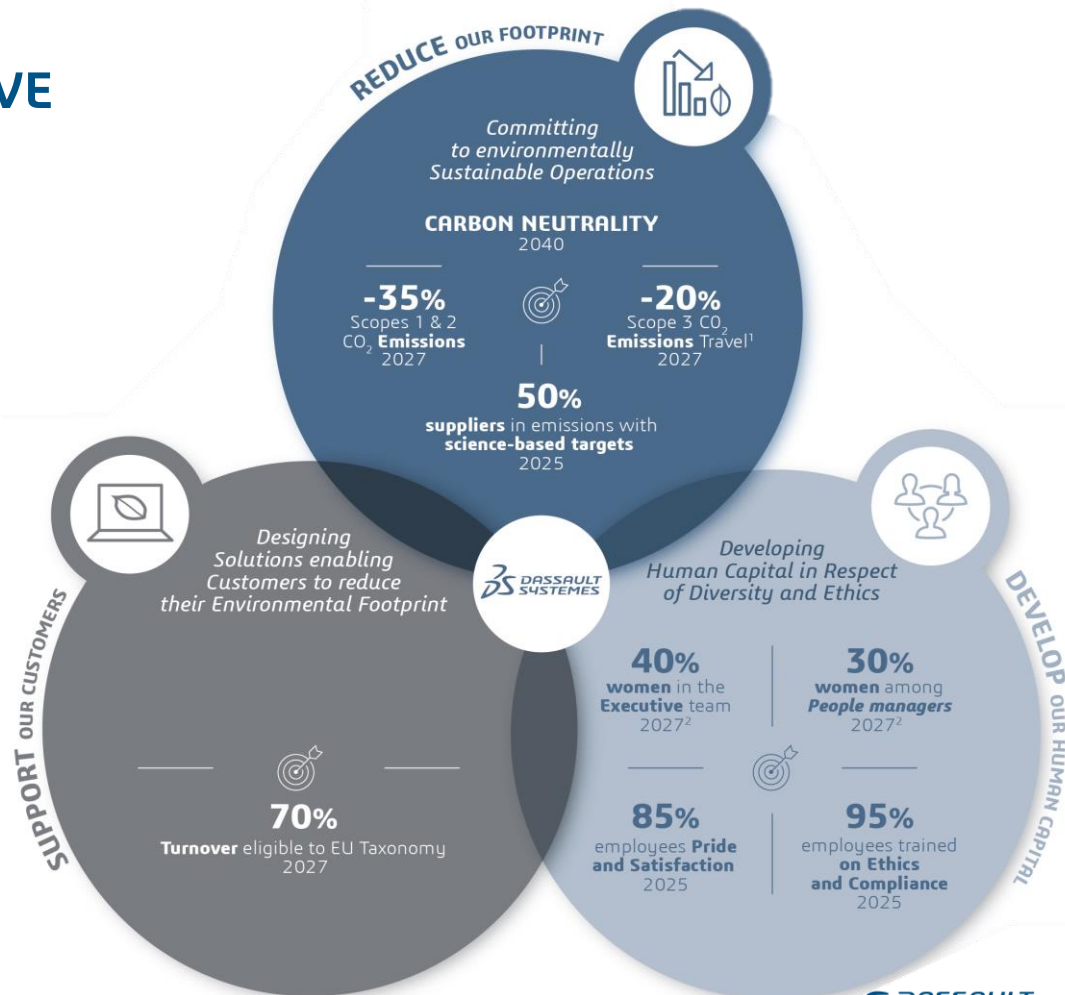
CHALLENGES DUE TO REGULATIONS

- Sustainability regulations will drive fundamental changes across supply chains and conventional manufacturing methods
- Companies face challenges in quickly adapting to sustainability regulations due to limited time and expertise
- Lack of established methods, processes & tools for evaluating compliance with sustainability regulations



OUR SUSTAINABILITY OBJECTIVE

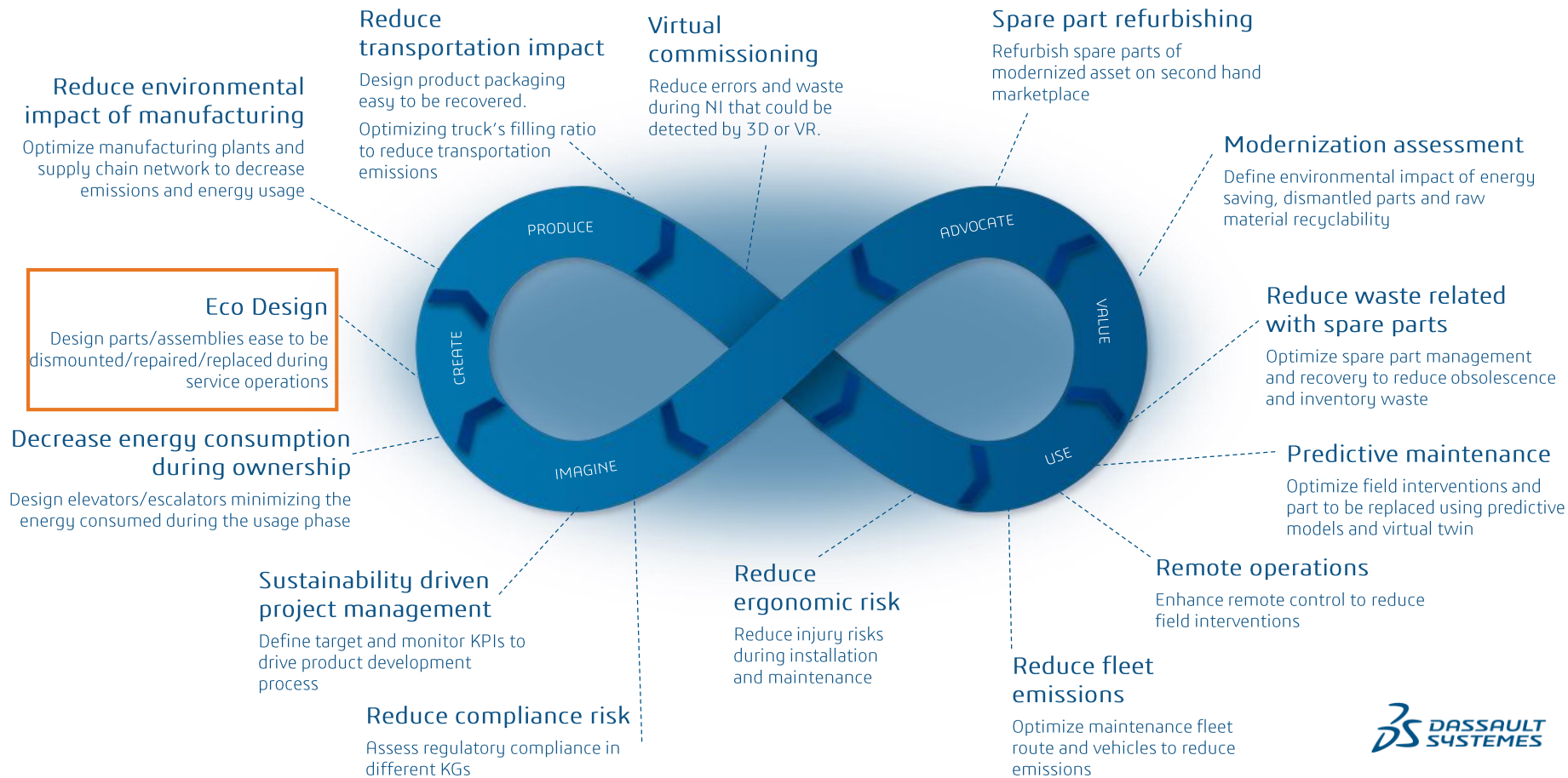
Our Sustainability objectives guide us, while our governance processes maintain a high level of accountability within our organization on the topic of Sustainability.



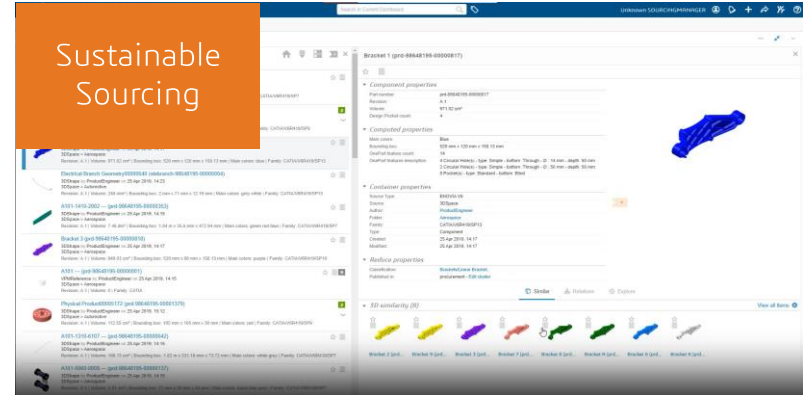
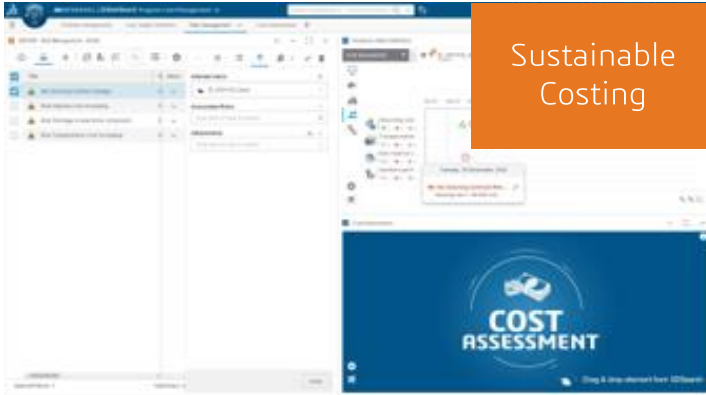
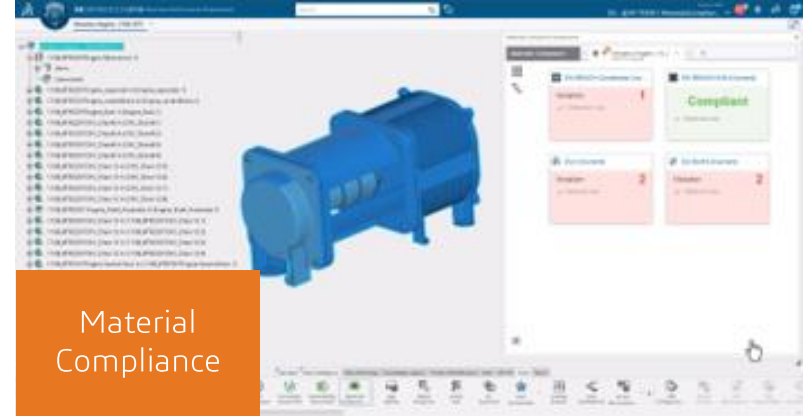
¹ Business travel and Employees' commute

² Only applicable to the extent permissible under local and national laws

DS INDUSTRIAL EQUIPMENT SUSTAINABILITY LEVERS



ECO DESIGN OFFERINGS



A CUSTOMER REFERENCE STORY

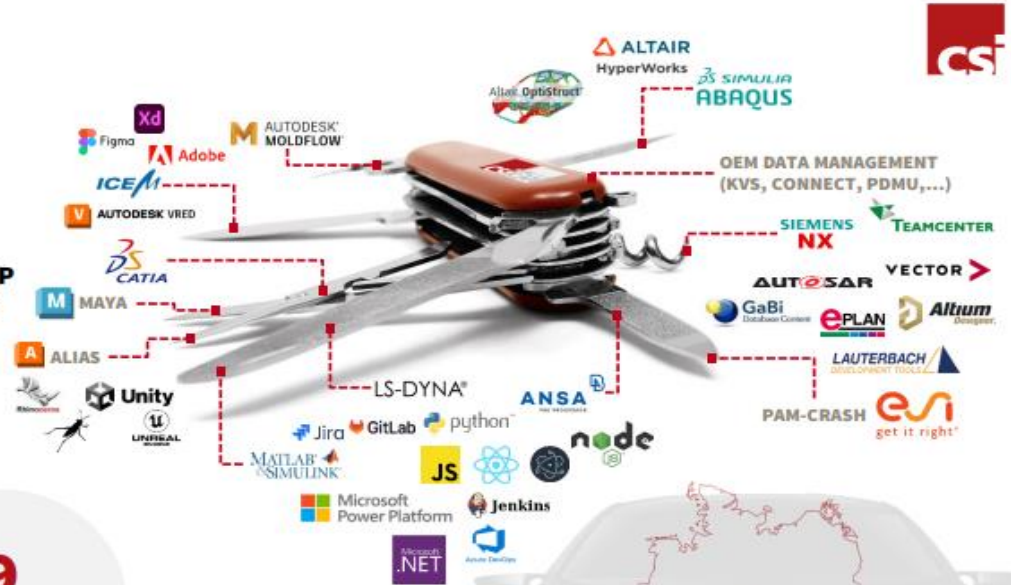


ABOUT CSI ENTWICKLUNGSTECHNIK

PEOPLE. TOOLS.

WE ARE CSI ENTWICKLUNGSTECHNIK.

SUSTAINABILITY | SYSTEMS ENGINEERING
MOBILITY | ENGINEERING | SOLUTIONS
LIGHTWEIGHT | REQUIREMENTS ENGINEERING
BEV | MEMBER OF IMSE® ECOSYSTEM | PROJECT LEADERSHIP
DIGITAL ENGINEERING | FMEA | SOFTWARE DEVELOPMENT
CONCEPT TO SERIES | INTEGRATION



1995

FOUNDED

580

EMPLOYEES

9

LOCATIONS



THE BUSINESS OBJECTIVE

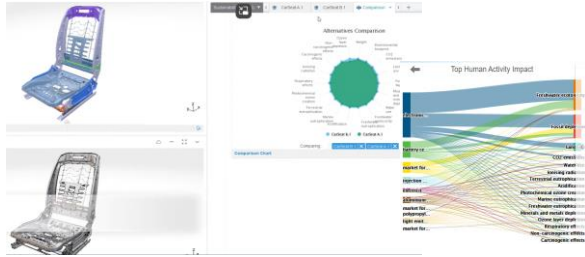
- Development of “Green Products” for Auto OEMs
- Necessity to embed LCA into the early stages of the product development process
- Differentiation on the market



COMPREHENSIVE LCA SOLUTION TO MEET THE OBJECTIVE

4. Trade off studies to elect the best sustainable alternatives

5. Take decisions to meet the sustainability targets.



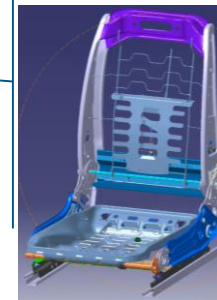
3. Assess environmental impacts in 3D



2. Assign human activities for materials, processes or services



1. Target Definition for weight and environmental metrics on systems & sub systems



A CUSTOMER TESTIMONY

- In our view, Dassault Systèmes' cloud-based sustainability offering stands out from conventional LCA tools thanks to its interface with multi-CAD design tools including CATIA. It's easy to handle and concept comparisons are visual, so they are better communicated to the customer. With everything we need available via a single platform, we can maintain our position as a trusted partner for OEM customers, helping them develop highly sustainable products.

- *Anastasia Federov,*
Sustainability Manager, CSI



KEY MESSAGES

- Adopt Eco design / Lifecycle Assessment as a part of your sustainability kit
- Partner with us on the topic of Eco design
- Together we can make this world better and sustainable



Scan me!

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[LinkedIn](#)



