



# Sustainability as decision factor in manufacturing

Tech for Sustainability  
2024

**We have a huge lever in the manufacturing & industry sector to have an environmental impact**



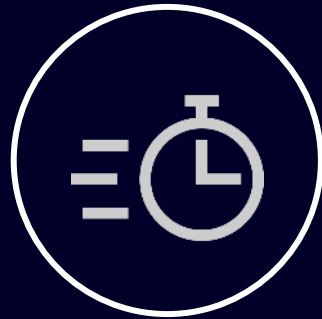
**WHY**

***30% of global CO2  
emissions come from  
industry***

# Responsibility in Manufacturing



Price/ Cost



Lead Time



Flexibility/  
trust

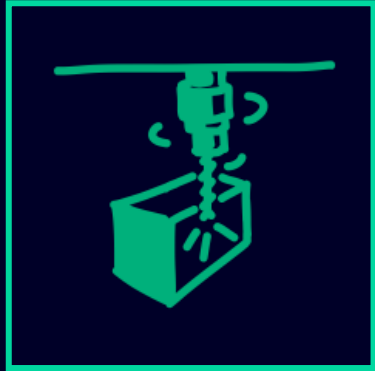


Compliance

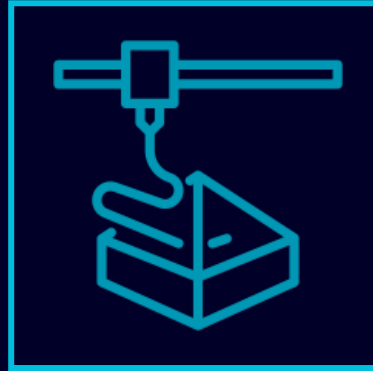


Environmental  
impact

We are looking for **Lightweight and reliable** method and a solution for product designers, manufacturing engineers and supply chain managers to make decisions



Vs.



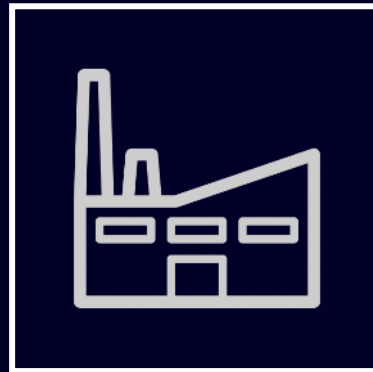
Manufacturing Technology



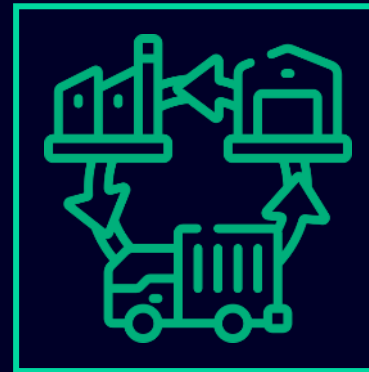
Vs.



Material/ Components



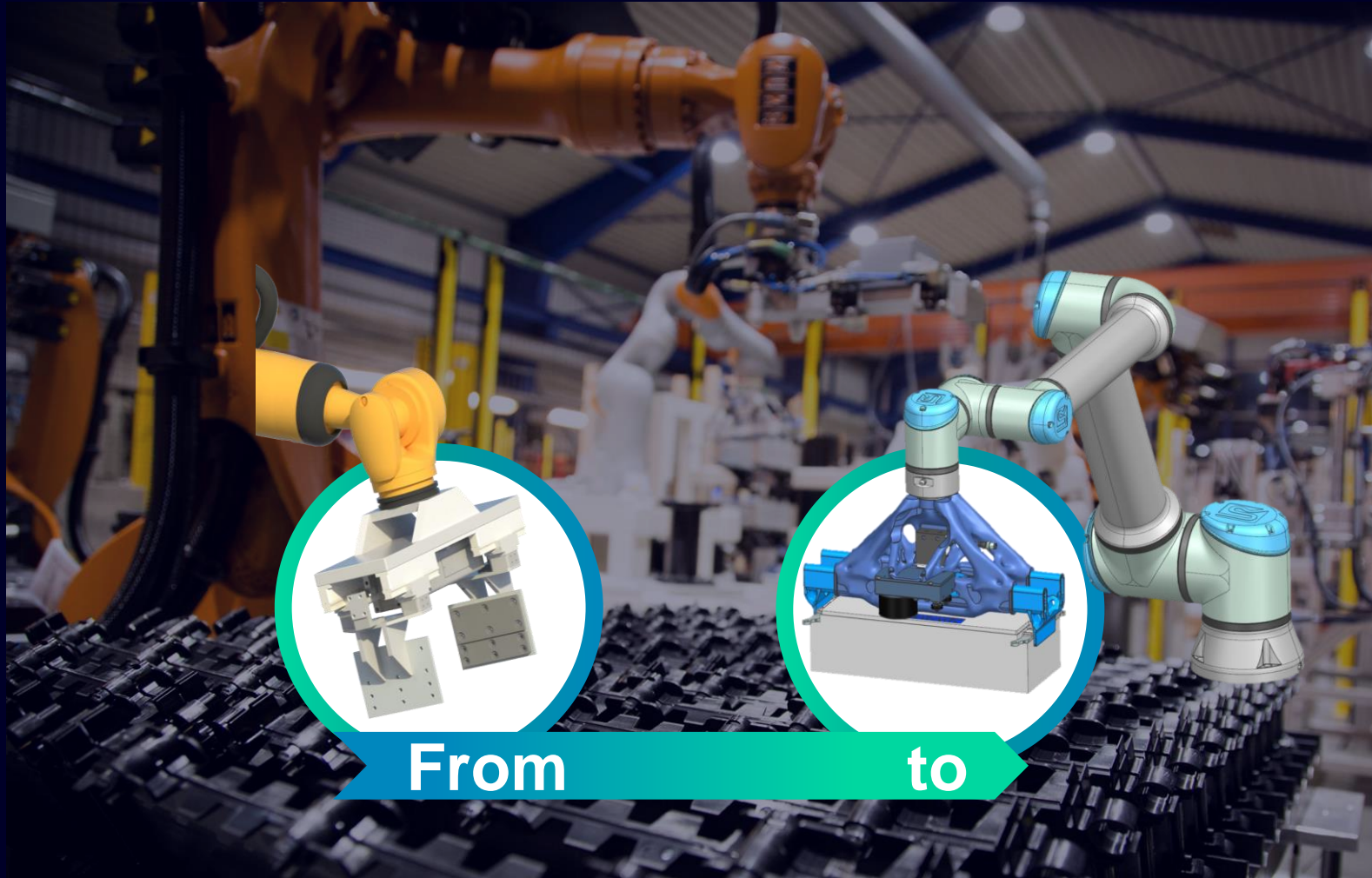
Vs.



Make/Buy/ Supply chain



# 90% reduction of CO2 eq footprint by changing the design, material and manufacturing technology



↓ 90% CO<sub>2</sub> footprint

↓ 90% weight reduction

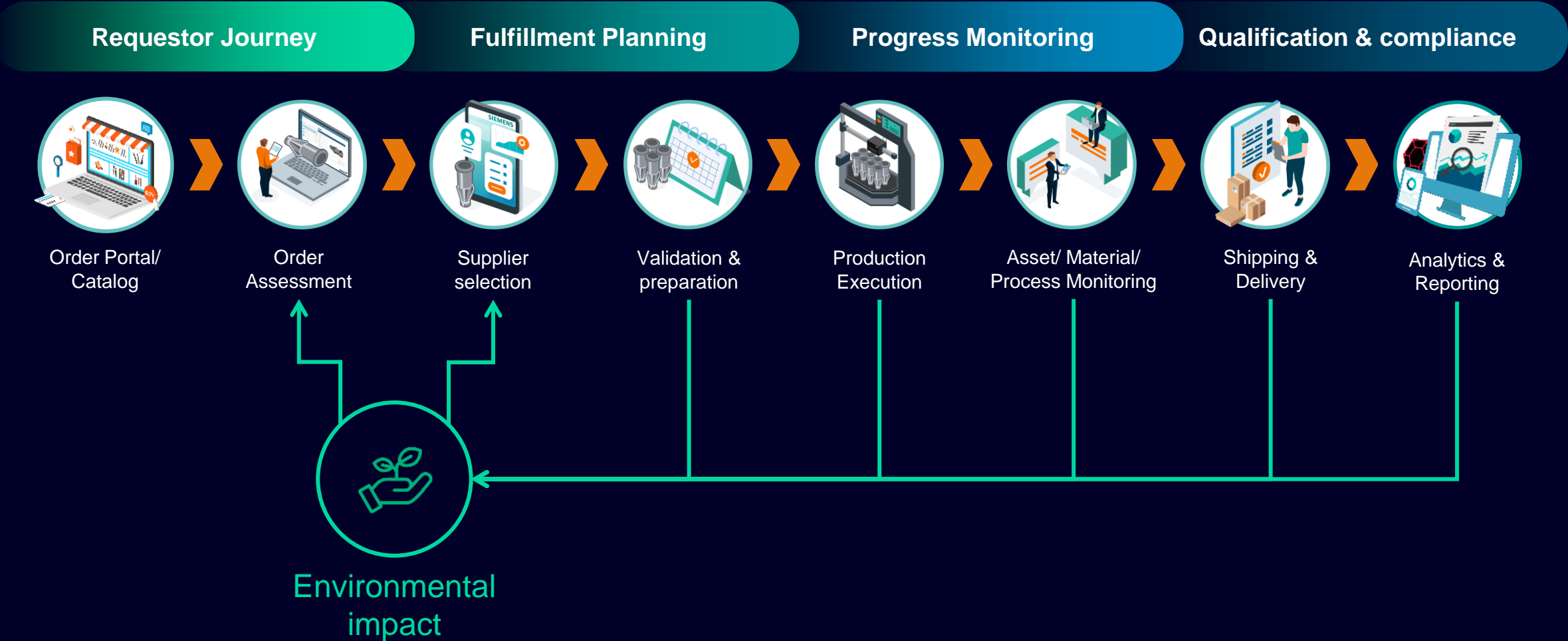
↓ 83% less parts needed

↓ 71% reduced lead time

## Robotics gripper

Potential to address >3 bn installed robots in industrial production with additional benefits in operation.

# Integrated to the Siemens AM Network



# Thank You

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