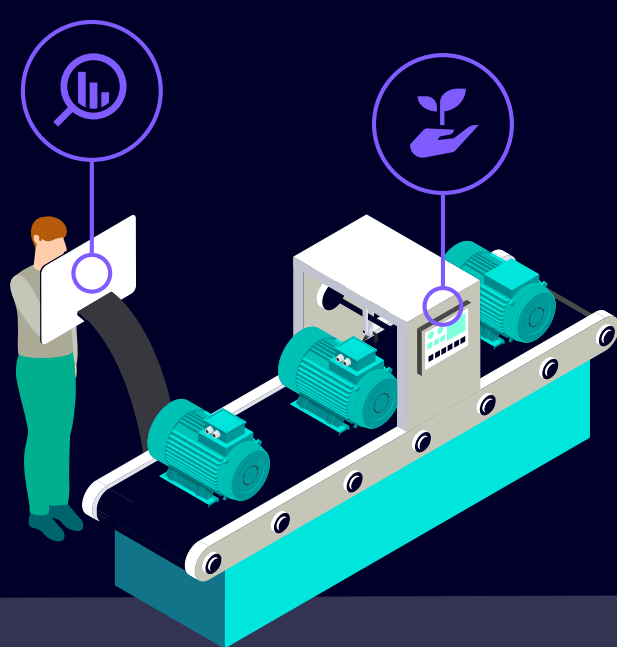


# Using Accelerated Product Introduction to maximize productivity

Improve product costs and carbon footprint



## Global trends

**Disruptive influences:** Supply chain shortages and sustainability directives make the machinery market more competitive than before.



**51 %** of businesses need faster supply chain response time



**60 %** of organizations believe sustainability will moderately/majorly impact their supply chain **by 2025**

**Smarter factories:** To introduce new and better products sooner than competitors requires smarter sustainable tools.



**340 billion USD** estimated worth of factory automation **in 2026**



**Only 7 %** of organizations have fully integrated their business technology with sustainability goals, creating opportunities

**Business model changes:** Data-driven, sustainable business practices can transform companies from product-centric to solution-centric.



**50 %** of annual revenue is derived from new products (less than 3 years old)



**57 %** of executives and investment professionals believe ESG will provide shareholder value

## Challenges



- ✓ Disconnected disciplines
- ✓ Disparate systems that do not integrate
- ✓ Changing customer requirements
- ✓ Inadequate expenditure tracking
- ✓ Complex cost calculations/comparisons
- ✓ Unclear carbon footprint costing in the supply chain

## Solutions

Overcome today's challenges and improve profitability with new product variations



**Improve profits:** Use the digital twin to realize variants that communicate accurate and justified cost implications to your customers.



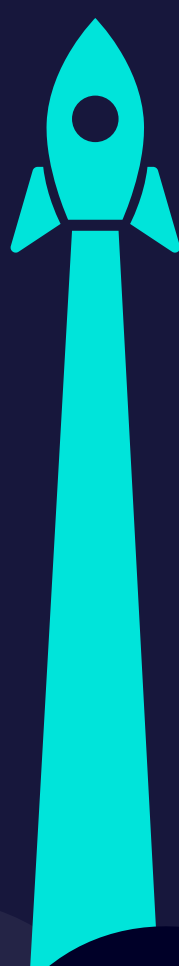
**Make or Buy:** Incorporate the cost of new product materials sooner in the design phase, reducing potential expenditure.



**Support ESG:** Identify and evaluate CO<sub>2</sub>e emission levers to drive decarbonization strategies.



**Win business:** Improve the carbon footprint of your products and provide transparency to your customers. Carbon footprint is becoming an increasingly important selection criteria.

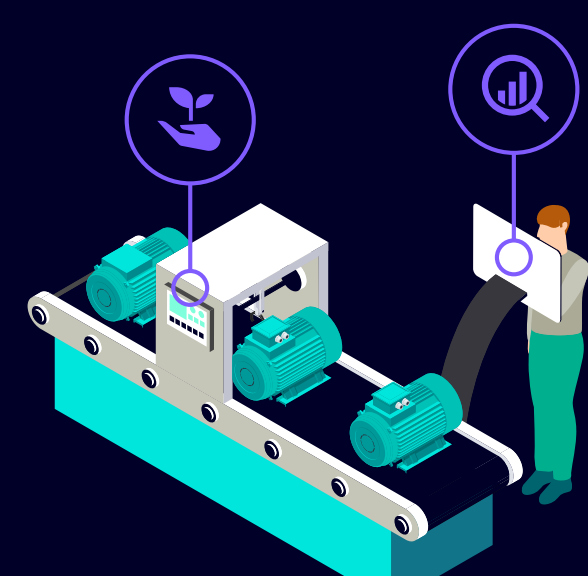


## Benefits of using a Siemens solution

Up to **10 %** decrease in carbon dioxide equivalent (CO<sub>2</sub>e) emissions with energy transparency

Up to **30 %** CO<sub>2</sub>e emission reduction made possible during the design/sourcing phases

Cost transparency for purchased parts delivers **3-8 % savings**



## What's next?

Accelerated Product Introduction is part of the Siemens Xcelerator portfolio of software, hardware and services.

[More information](#)