



Construction & Manufacturing are essential for infrastructure development, industrial growth and sustainable urbanisation worldwide. PUM collaborates with SMEs across the full lifecycle, from design and engineering to production, construction and maintenance. By strengthening processes, quality, safety and collaboration between stakeholders, the programme supports flexible, innovative and practical solutions that create lasting economic and social impact.

## **Construction & Manufacturing**

The Construction & Manufacturing programme promotes resilient and sustainable industrial ecosystems by connecting construction and manufacturing across their full lifecycle. PUM collaborates with SMEs to improve efficiency, quality and safety, while reducing environmental impact. By strengthening value chain collaboration between contractors, manufacturers, suppliers and public stakeholders, the programme contributes to inclusive economic growth, sustainable urbanisation and long-term development in diverse and often challenging environments.

### **Construction – sustainable environments**

PUM collaborates with SMEs and professionals across the construction value chain, from architectural design and engineering to project execution and long-term maintenance. Experts provide practical advice tailored to local contexts, supporting the development of efficient, safe and cost-effective buildings and infrastructure.

Key areas include process optimisation, project management and the introduction of modern building methods such as prefabrication and modular construction. Attention is also given to material use, quality standards and cost control, strengthening both project outcomes and business performance.

Sustainability, occupational health and safety and environmental management are embedded throughout the construction lifecycle, contributing to resilient, inclusive and future-oriented built environments.

### **Manufacturing – innovative products**

PUM collaborates with SMEs to strengthen manufacturing processes, from raw materials to finished consumer goods. Experts bring technical and engineering expertise in areas such as production technologies, machinery and tool design, maintenance and process optimisation, with experience across metal, plastics and related industries. Focus is on improving efficiency, reliability, innovation and product quality. This includes optimising production processes, strengthening workshop organisation and advising on the use, performance and maintenance of machinery. Where relevant, experts support the introduction of appropriate technologies, including elements of digital manufacturing.

Health & safety, including process safety, and environmental management are integrated throughout, contributing to robust and future-proof production systems.

### **Strengthening business foundations**

The programme also includes experts with extensive experience in general strategy and business planning areas. They collaborate with entrepreneurs and organisations to strengthen management, marketing, finance and operations. By combining technical expertise with general business support, PUM contributes to sustainable growth and resilient organisations.

**Professional people for positive impact**

PUM collaborates with businesses and organisations to grow sustainably and build a brighter future for their community. Check [PUM.nl](https://www.pum.nl) for more information and criteria, and apply for advice.