

Manufacturing 4.0 Review



2 Days Fully Funded Support

Delivered by
SMAS and SE
Digital Specialists

Day 1

Assess your
readiness



Day 2

Develop
your project
roadmap



Develop your 'Factory of the Future'

To arrange your
Manufacturing 4.0 Review
speak to your SMAS
Practitioner or Scottish
Enterprise Account
Manager or call us for
more information on:

T 0300 013 3385
www.scottishsmas.co.uk

Design your journey to a world-class 'Factory of the Future'

The world of manufacturing is experiencing rapid advances in digital technologies that are transforming the way we design, build and sell our products and services. New business models are creating opportunities for businesses to improve productivity and profitability.

Industry 4.0, 4IR, Smart Manufacturing, Manufacturing 4.0. Whatever term you're familiar with, they all mean the same thing: the integration of traditional manufacturing processes with digital technologies to connect products, people, plant, business and supply chains together.



Why should you undertake a Manufacturing 4.0 Review?

The Manufacturing 4.0 Review helps you understand where you are now and where you need to be. Its structured approach will identify an appropriate strategy that's relevant to your business. The Review will enable you to make carefully considered investment decisions to scale up your output, maximise margins and deliver performance and value to your customers.



The Manufacturing 4.0 Review is a structured approach that helps you understand where you are now and where you need to be.

DAY 1



Assess your readiness for Manufacturing 4.0

A comprehensive assessment of your business to identify strengths and opportunities in six key thematic areas, giving you an aligned approach towards Manufacturing 4.0.

Themes	Focus	Illustration	
Business Strategy	What are the ultimate goals of the business and what will catalyse growth?		Business Pull
Leadership & People	How can leadership, people and culture drive change and add value towards business growth?		
Capital Assets	What current facilities, equipment and technologies does the business currently have access to?		Technical Push
Technology	What technologies, platforms & tools are required/can be used to create value?		
Data Management	How can data be harnessed to create useful information that can be intelligently used?		
SC & System integration	What internal & external systems need to be linked up to connect: the product, people, plant & supply chain?		

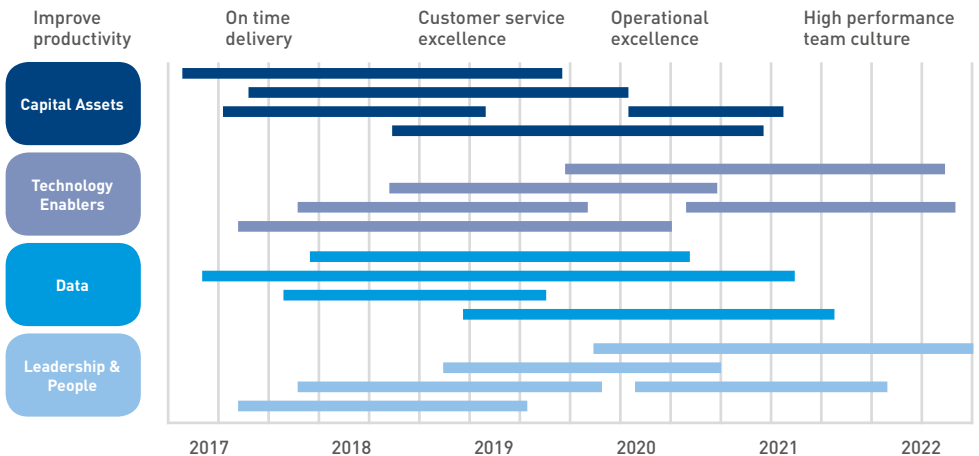
DAY 2

Define your project roadmap



Based on the outputs from **Day 1**, the roadmapping session will identify potential projects that will enable you to go from current state to future Manufacturing 4.0 state.

A bespoke structured report will set out prioritised actions to take forward, along with a discussion on support available from Scottish Enterprise, industry partners and Academia to help you deliver your Manufacturing 4.0 improvement plan.



Many Scottish companies have already realised the opportunities Manufacturing 4.0 brings them. Be part of the new industrial revolution and arrange your Manufacturing 4.0 Review now.

Speak to your SMAS Practitioner or Scottish Enterprise Account Manager or call us on 0300 013 3385 www.scottishsmas.co.uk



Manufacturing 4.0 success stories in Scotland



Aerospace components manufacturer using automated machine vision systems for product inspection efficiency and consistency.



Subsea equipment manufacturer building a 'Digital Twin' of products and using digital simulation of its production facility to increase innovation; improving product and process development.



Textiles manufacturer introducing technologies for increased automation in its warehouse to improve efficiency and remove bottlenecks in a next day delivery environment.



Automated delivery of material to production cells via cobots, to improve accuracy and reduce manual handling.



Introduction of a 'pay per use' business model for an equipment manufacturer, enabled via built-in advanced mobile telemetry.