

futuremap® INDUSTRY 4.0 READINESS ASSESSMENT

The Advanced Manufacturing Industry 4.0 Hub is a Victorian Government initiative being delivered in partnership with Swinburne University of Technology and supported by the Innovative Manufacturing CRC (IMCRC).

INDUSTRY 4.0 READINESS ASSESSMENT

Future-proof your business by redefining how you create and capture value enabled through Industry 4.0 opportunities. If you want to connect to global supply chains, compete on differentiated value, innovate your business model, and enhance your global competitiveness, but are unsure how, then consider futuremap® Industry 4.0 readiness assessment. A comprehensive assessment delivered as three separate modules to help Victorian Manufacturing Small and Medium Enterprises (SMEs) introduce digitalisation opportunities to enhance business and become Industry 4.0 ready.

- **Module A:** helps to increase your Industry 4.0 process and production readiness
- **Module B:** helps to discover new business opportunities enabled by Industry 4.0
- **Module C:** helps to create a business plan for Industry 4.0 technology implementation.

Best results are achieved by engaging with each of the three modules, however each module can be completed individually. Following completion, businesses will be provided Industry 4.0 training.

MODULE A: PROCESS & PRODUCTION READINESS

We deliver a strategic analysis and evaluation of your business' production processes to identify Industry 4.0 improvement potentials and provide:

- a current snapshot of the business' Industry 4.0 readiness and maturity
- areas for possible business optimisation
- suggested activities and actions for business improvement.

The assessment takes a holistic view of the business and focuses on five key areas:

- business strategy and planning
- operation of your process/value stream
- handling and use of data/information/knowledge streams
- production support systems, methods and tools
- workforce management.

Several assessment indicators are used to determine the business' current readiness and maturity with respect to digital technologies including:

- IT supported production/logistics
- industry 4.0 target planning
- machine-to-machine communication
- continuous improvement practices
- use of smart data
- production planning methods.

Duration is typically five days on-site, but varies depending on business complexity and requirements.

MODULE B: NEW BUSINESS OPPORTUNITIES

We facilitate a workshop, involving your business' leadership team, to analyse how to enhance your current product/service portfolio with the aim of identifying:

- potential future products
- potential future markets and applications
- new business opportunities related to Industry 4.0.

By analysing the competencies underlying the business' existing product and technologies and service offerings, we help you to identify new product opportunities, especially enabled by Industry 4.0 technology.

Duration is typically two days, but varies depending on business complexity and requirements.

MODULE C: STRATEGIC ROAD-MAPPING

Working with your business' leadership team, the workshop aims to define and integrate Industry 4.0 into your business strategy by:

- analysing the current business environment and critical trends
- identifying relevant strategic options based on the analysis
- redeveloping your strategy using roadmap style planning.

This module leverages the insights developed from module B to develop an actionable business plan/roadmap projecting out your resource and technology requirements to deliver your products to identified markets over the next five to ten years.

Duration is typically two days, but varies depending on business complexity and requirements.



Jobs,
Precincts
and Regions



futuremap® has been developed by the Innovative Manufacturing CRC (IMCRC), partly in collaboration with the Fraunhofer Institutes. It is delivered to Victorian manufacturing SMEs by the Advanced Manufacturing Industry 4.0 Hub. The Victorian Government is supporting the delivery of these modules.

FURTHER INFORMATION

Contact us to find out more about how the **Advanced Manufacturing Industry 4.0 Hub** can support you on your digitalisation journey.

You will find us at the Factory of the Future, Swinburne University of Technology, Hawthorn, Victoria.

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