

How do you remain globally competitive in today's manufacturing environment?



In the current business climate we are all having to do things smarter and faster to keep up with the pace of change. **Manufacturing is no exception.**

As part of the Government's Industry 4.0 Demonstration Network, Callaghan Innovation is funding opportunities provided by the EMA and LMAC to assess your facility for Industry 4.0 readiness. Using the internationally recognised Smart Industry Readiness Index (SIRI) we will work with you to prioritise the key areas of

focus to advance with Industry 4.0. The result will be a high level road map for how to start on this journey so you get maximum return from investing in these technologies. We are therefore seeking expressions of interest from manufacturers who would like to go through this process.

What is Industry 4.0?

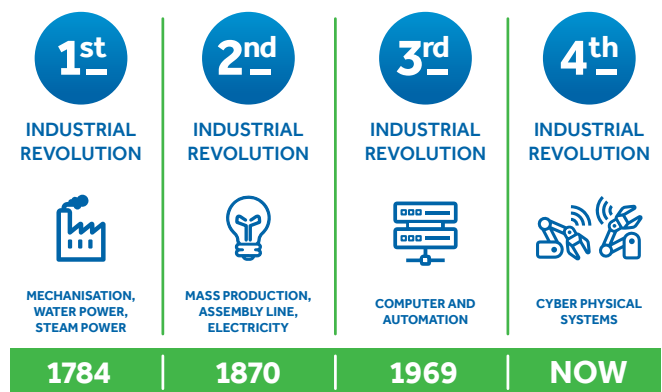
Industry 4.0 is the transformation of your traditional operations and processes using the latest smart technology. These smart technologies help you to deliver improvements in safety, quality, productivity, delivery and asset management through connected systems that allow automated data flow and decision making.

What is being offered?

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Why is this being offered?

Many New Zealand manufacturers are not as productive as their international counterparts. Industry 4.0 can help to improve this productivity, but only if focus is put in the right areas for your business. This assessment is to help manufacturers in their investment decision-making in Industry 4.0 – to promote a successful early adoption, which contributes to greater awareness and adoption throughout the country.



What do I need to bring to the table?

We would ideally like you to have an example of existing technology that can be assessed and which we can help develop into a case study for sharing with New Zealand manufacturers. This case study should demonstrate potential benefits of adopting technology, but will also cover key learnings from the process of identifying and implementing it.

How will the process work?

In total there will be five days of work carried out by LMAC relating specifically to your business. Three of these days will be on site, of which at least eight hours is required with the senior leadership team.

Further questions?

To find out more please contact Michael Burgess at EMA or Frank Phillips at LMAC

Michael Burgess

+64 9 367 0936
manufacturing@ema.co.nz

Frank Phillips

+64 (0) 272233077
frank.phillips@lmac.co.nz

Assessment Summary

OUTCOMES

DAY 1 REMOTE PREPARATION

Introductions for all key stakeholders.
Agenda communicated including days on site.
An opportunity to ask questions about the process.
Current Technology for Case Study agreed.
Scope of assessment agreed.

Agreed Dates and Informed Team

DAY 2 ONSITE CASE STUDY BUILD

Site Tour and High Level Process Map.
Reviewing Current Technology Implementation.
Building the Case Study.

Completed Case Study for Sharing

DAY 3 ONSITE READINESS ASSESSMENT

Assessment Day 1 –
Current State Assessment.
Scoring the organisation against the 16 industry 4.0 Dimensions.

Scorings Complete

DAY 4 ONSITE READINESS ASSESSMENT

Assessment Day 2 –
Verifying previous days scoring with Go.Look.See
Prioritisation Matrix of criteria to establish focus areas for investment.

Readiness Assessment Complete

DAY 5 OFFSITE ROADMAPPING

Report writing (Summary report)
Roadmapping.
Feedback and close out.

Finalised Report and Roadmap

SHARING AND INSIGHTS

Collate findings and learnings for external sharing **(as approved by the company)**.
Provide insights and learnings during Webinars with NZ Manufacturers.
Potential for a Network Site Visit in the future to share learnings.

Sharing of best practice to help NZ Manufacturing