

Getting through, transforming and growing into the future



Challenges facing manufacturing

- Cornerstone of our economy and its transformation
- Not well understood and defined - ITP
- Tough and survived COVID-19 and some even thrived
- Skills shortage key challenge to productivity:
 - Young people
 - Training
 - Upskilling

Young people in manufacturing

- Passion video project based on lack of engagement
- Antiquated perception it's dirty and dangerous
- Change that to reflect:
 - Fast-paced, supportive environment
 - Working with some of the country's most clever innovators
 - Skills you can take anywhere
 - Get paid well
 - Have endless career options locally and globally



Education & Training

- Lack of students in STEM subjects
- Need to focus on hardware and software
- Addressing through Gateway Youth Initiative Programmes and Trade Academies
- Part of answer is short-form training and micro credentials
- Learning on the job
- Whanaungatanga

Upskilling

- Immigration situation
- Inclusive and diverse workplaces
- Making the most of what we've got
- Learning on the job
- ReTrain



Industry 4.0

- Digital skills and technology will be key to maximising potential
- Partner with Callaghan Innovation to deliver the Industry 4.0 Demonstration Network
- Goal to get manufacturers up to speed with what it is, how it helps and what they can do
- Enhances employment and productivity
- Undertaken “Network Site Visits” and “Industry 4.0 in Action” webinars
 - Oasis Engineering webinar Connecting you with live Q&A this Thursday

Next steps

- Excelerate programme working with emerging exporters
- Advanced Manufacturing Industry Transformation Plan
- De-industrialisation challenges
- Trade opportunities and issues
- Capital investment depreciation rules
- Closer Economic Relations with Australia
- Resource Management reform
- Research and development eco-system

For more information please visit:

www.ema.co.nz

