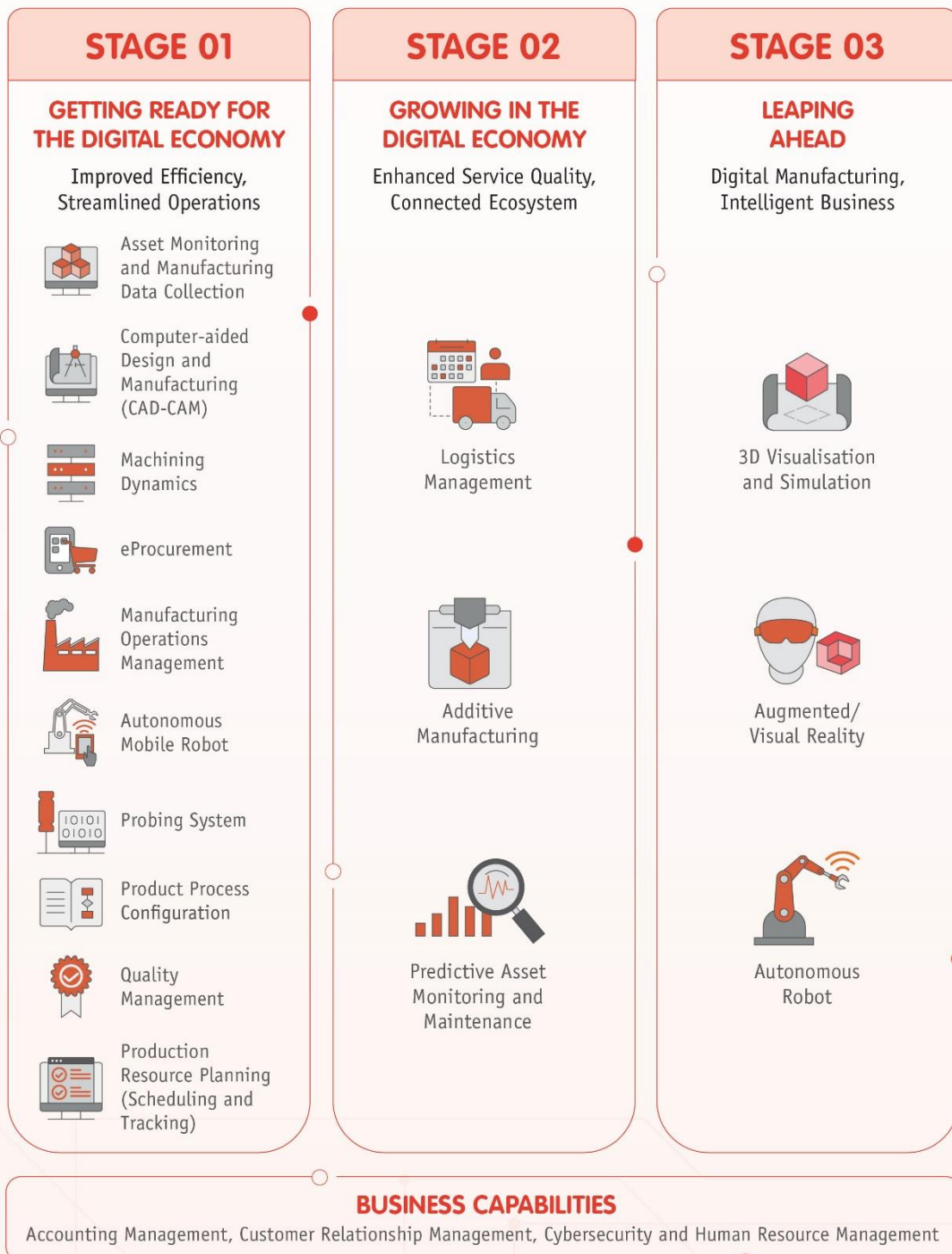


Annex A: Infographic of the Digital Roadmap for Precision Engineering Industry and Digital Training Roadmap

DIGITAL ROADMAP

This digital roadmap serves as a guide for your company as you embark on your digital journey.



DIGITAL SKILLS NEEDED: DIGITAL ROADMAP ON TRAINING

This training roadmap serves as a guide to prepare companies and their workforce to adopt digital solutions at each stage of growth

	STAGE 01	STAGE 02	STAGE 03
"TECH BASICS" All employees in the industry	GETTING READY FOR THE DIGITAL ECONOMY <ul style="list-style-type: none"> • Operations Management Innovation™ (OMNI™) • Implement LEAN Manufacturing • Digital Leadership • Real-time OEE for Industry 4.0 • Improve Quality Monitoring and Management through Digitalisation • Improve Machining Productivity through Dynamics Analysis and Simulation • Enhance Control Performance of Precision Machines • Digitalisation of Business Process Workflow • Resource Scheduling for Service Industries • Introduction to Shopfloor Digitalisation • Manufacturing Process Simulation • An Introduction to 3D CAD Modelling 	GROWING IN THE DIGITAL ECONOMY <ul style="list-style-type: none"> • Smart Additive Manufacturing System • Review Powder-bed Additive Manufacturing Processes for Complex Functional Metallic Components • Review High Speed Additive Manufacturing Processes for Metallic Components • Review Polymer-based Additive Manufacturing Processes for Flexible Mass Customisation 	LEAPING AHEAD <ul style="list-style-type: none"> • Plant Simulation and Manufacturing Process Analysis for the Smart Factory • Automation Components and Systems for Advanced Manufacturing • Control in Automation Systems • Automation Design and Simulation
Vendor Solution-Specific Training			
"TECH ADVANCED" Employees that use or are exploring advanced tech in their work / organisation	<ul style="list-style-type: none"> • Digital Transformation & Innovation™ • Apply Robotics for Manufacturing Automation • Strategic Technology and Operation RoadMapping (STORM) • Industry 4.0 CyberSecurity Management for C-Suite Level / Operational Level • Advanced Smart Machining Technology • Data Analytics Driven Inventory Planning / Inventory Management for Smart Manufacturing & Services • Production Planning & Scheduling for Smart Manufacturing • Machine Learning for Supply Chain Analytics and Operations Management 	<ul style="list-style-type: none"> • Data-driven Predictive Maintenance and Optimal Plan 	<ul style="list-style-type: none"> • Apply Robotics for Manufacturing Automation
Training programmes aligned to Skills Framework and emerging areas under SkillsFuture Series			