

Action List / Strategies	Financial Resources	Organisational Structure & Culture	Manufacturing Strategy	Reskilling – Retraining	Digitisation	Standardisation
Business Model Canvas	X					
IPR Management		X				
Advanced Supply Chain Quality Management Techniques (Sensors, KPIs, etc.)			X	X	X	
Enhancing Supply Management through AMTs (reskilling of employees)		X		X		
Digitisation of Supply Chain Maintenance					X	
Standardise digital data storage & transfer tools used in supply chain management						X

Action List / Strategies	Financial Resources	Organisational Structure & Culture	Manufacturing Strategy	Reskilling – Retraining	Digitisation	Standardisation
Connected adaptable manufacturing		X				
Component and technologies for connected adaptable manufacturing	X					
Optimization in smart manufacturing	X			X		
Transparency in adaptable manufacturing (real-time visualization)				X	X	
Proactive system & adaptable manufacturing (prediction)			X		X	
Agile flexibility in adaptable manufacturing					X	

Action List / Strategies	Financial Resources	Organisational Structure & Culture	Manufacturing Strategy	Reskilling – Retraining	Digitisation	Standardisation
Product lifecycle phases and main processes involved		X	X		X	
Collaborative methodologies along the product lifecycle		X	X	X		
Product lifecycle management software and integrations	X		X			
Product data management systems and data analytics			X	X		
Embedded information devices / PLM and its role in Industry 4.0			X	X		
Connections of PLM with ERP	X	X				X

Action List / Strategies	Financial Resources	Organisational Structure & Culture	Manufacturing Strategy	Reskilling – Retraining	Digitisation	Standardisation
Preparing for ERP	X	X		X		
Data centralisation					X	X
Integration of activities and functions		X		X		
Coordination of processes		X		X		X
ERP and the internet	X		X		X	
Integrating ERP with CRM	X	X	X			

Action List / Strategies	Financial Resources	Organisational Structure & Culture	Manufacturing Strategy	Reskilling – Retraining	Digitisation	Standardisation
Transforming factories into digital factories					X	X
Adopting 3D printing technologies			X	X	X	
Navigating complex design				X		
Integrating new tools		X		X		
Using IoT, data analytics, and connectivity					X	
Reducing costs with 3D printing	X					

Action List / Strategies	Financial Resources	Organisational Structure & Culture	Manufacturing Strategy	Reskilling – Retraining	Digitisation	Standardisation
Advanced Manufacturing to the Cloud - Architecture & Connectivity				X	X	
Cloud Manufacturing Platform			X	X	X	
Service-oriented Manufacturing			X			
Flexible Manufacturing System on demand					X	X
Internet of Things & Cloud Manufacturing	X	X			X	
Cloud Manufacturing services	X	X	X			

Action List / Strategies	Financial Resources	Organisational Structure & Culture	Manufacturing Strategy	Reskilling – Retraining	Digitisation	Standardisation
Simulation technologies - overview		X				
Virtual Reality explained		X		X		
VR application areas			X	X		X
VR technology of today			X	X		
Virtual Reality in Manufacturing	X	X	X	X	X	X
Simulation modeling in Industry 4.0	X		X	X	X	