Cyflymydd Digidol S M A R T S M A R T Digital Accelerator







Embedded Digitalisation



AI – MACHINE LEARNING



WIRELESS CONNECTIVITY



SMART / INTELLIGENT SYSTEMS



IMMERSIVE TECHNOLOGIES

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Wellbeing of Future Generations (Wales) Act

PROSPEROUS

RESILIENT

GLOBALLY RESPONSIBLE THRIVING INDUSTRY IN WALES

EFFICIENT

PRODUCTIVE

RESPONSIVE

INNOVATIVE

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Matt Booth **Project Delivery Lead** AMRC-Cymru



Dr John R Thomas Company Assessment Team



Gary Evans Company Assessment Team



Christopher Wyatt Company Assessment Team & Digital Modelling



David Jones Company Assessment Team



Matthew Sims Company Assessment Team

Ryan Cording

Digital Twins

& DES & AR/VR



Lynn Davies **Company Assessment** Team & Digital Dashboards



Laurence Wood Company Assessment **Team & Robotics**



Carlene Campbell **Cyber Security** & Networking











Simon Thomas SMART Networking Sensors and Security



Lucy Beddall **Project Marketing** Officer



Jordan Jenkins AI, M/C Learning Vision Sys & Automation

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- Team of Expert Assessors and Advisors drawn from industry and academia
- Collaborative working with (not for) organisations
- Business Diagnostic Identifying where digital technologies can positively impact operations
- Focus on value to organisation and their customers

Project Scope

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40 COMPANY APPRAISALS
(UP TO 5 DAYS COMPLETED IN 28 DAYS)

10 DIGITAL TECHNOLOGY ADOPTION SUPPORT (UP TO 25 DAYS)

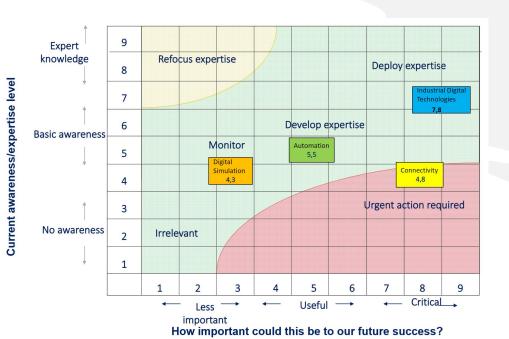






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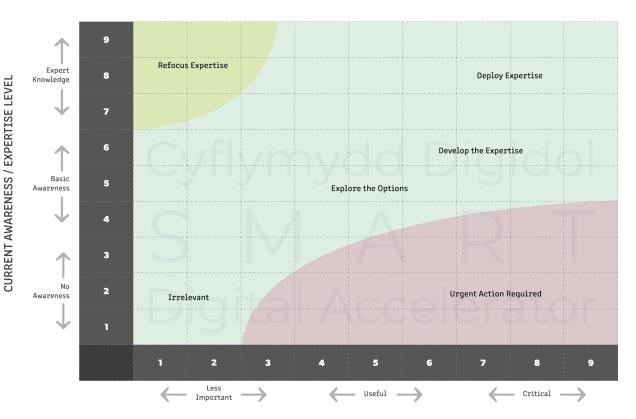


- 1. Understand operational challenges
- 2. Analyse and verify perceptions and assumptions
- 3. Identify and explore suitable digital technology solutions
- 4. Identify barriers to adoption
- 5. Develop a clear set of recommendations and support structures which will accelerate digital technology adoption.

Possible Digital Technology Adoption Support

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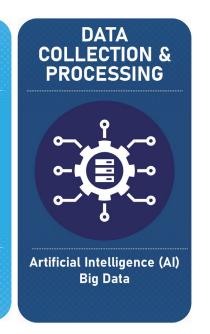
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HOW IMPORTANT COULD THIS BE TO YOUR FUTURE SUCCESS?

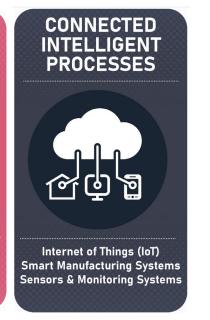










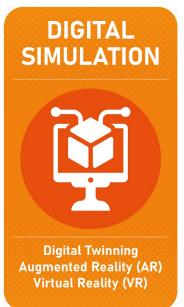


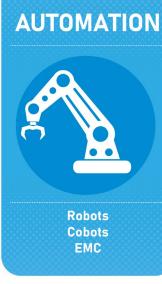
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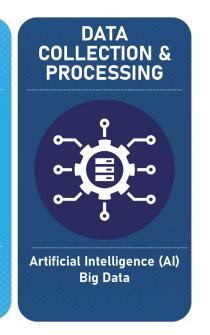
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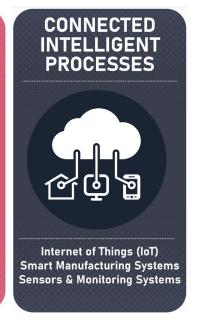












Where are you now?

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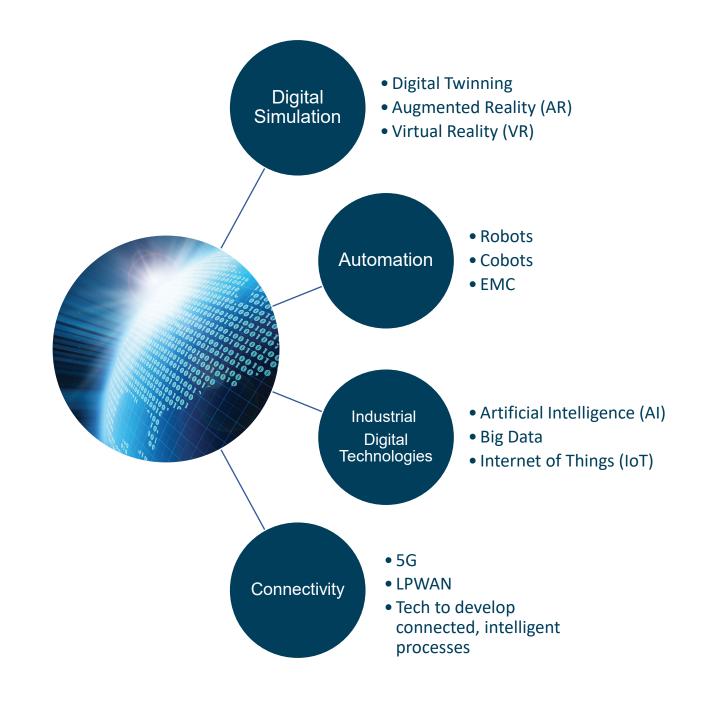
SMART Digital Accelerator Diagnostic

Organisation		Process		Technology					
People and Change Management	Structure Management	Operations & Supply Chain	Product lifecycle	Automation	Digital Simulation	Data Collection and Processing	Visualisation through Immersive Digital Technologies	Connected Intelligence	Connectivity
1	3	5	6	7	10	13	16	19	22
Staff Development	Inter- and Intra-			Production					
	Company Collaboration								
	Collaboration	Integrated		8	11	14	17	20	23
		Operations & Supply	Integrated Product Lifecycle	Business Operations					
2	4	Chain	LifeCycle						
Leadership	Strategy &			9	12	15	18	21	24
Competency	Governance			Site Infrastructure					

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How can Digital Technology help you get there?

- Possible "technology stacks"
- Appropriate solutions
- System Integration
- Scalable
- Holistic approach



Company Appraisal and reporting...

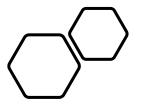
- Summary of issues identified in the analysis with suggested ways in which these can be rectified
- Identification of potential opportunities
- Recommendations on route forward with potential output/benefits identified
- External resources required (if applicable)
- Recommended timescale for changes (window of opportunity)
- Business data to enable a baseline to be created





- Representation from Snr. Management and appropriate staff
- Access to "shop floor" / production facilities
- Access to production data (if measured/recorded)
- Honesty and transparency

Commitment from the participating companies...



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How to get in touch...

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Ariennir gan **Lywodraeth Cymru**Funded by **Welsh Government**

