

#### Where is it best to digitilise?

(assess your current competences)

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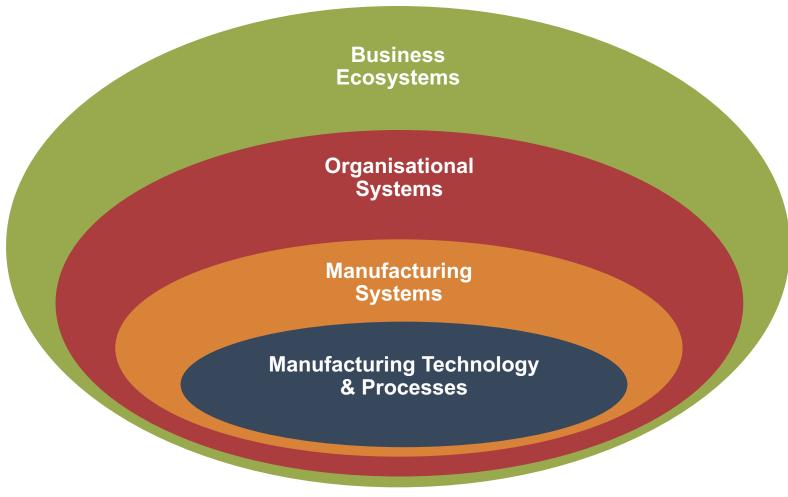
Division A	Division B	Division C	Division D	Division E	Division F
Energy, fluid dynamics and turbo-machinery	Electrical	Mechanics, materials and design	Civil, structural and sustainable	Manufacturing and management	Information
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#### Research

IfM research brings together expertise in management, technology and policy to address the full spectrum of manufacturing issues.







# Link of Competence to Strategy

- Strategy should be formulated in such a way that it identifies strategically relevant and crucial core competences and makes the best use of them.
- In general, the competences are assessed against their value to the business and their sustainability by the business.
- A business may be strong or weak in certain core competences.
- A business may do not have the correct set of competences to meet overall business objectives.





## Fives steps for digital transformation

- This is just one of the techniques IfM has developed.
- This is part of a 5-step digital journey that can help companies in their digital transformation.

#### FIVE STEPS FOR DIGITAL TRANSFORMATION > Implement Explore the Understand Define Identify the value potential where to go pathways projects Discover where and how Explore and create a Create your organisation's Map out where you are now Develop the capabilities to technology can help compelling business case digital vision and where you want to get to achieve your digital vision





## Select a current product, service or problem











# **Definition of Competence**

Competence	An activity within the company that is implemented at a high standard relative to comparable internal and external activities.				
	Generic competences – The essential functional activities which should be performed competently and consistently in any commercial undertaking.				
	Core competence – A distinguishing combination of competences that confer a distinctiveness which is highly or uniquely valued by customers. Core competences are central to the businesses success and should be protected and sustained in order to maximise the benefit provided by the competitive advantage they deliver.				
Resource	A physical, cultural or intellectual asset company has access to. Something that they "have."				





# **Identifying Competences**

Competence	Impact on Business/ Valuable	Rarity	Difficult/ Costly to imitate	Difficult to substitute/ Absence of Alternatives	Total	How could you digitise this competence to maximise customer benefit?
1						
2						
3						
4						
5						





# Where could you digitilise?

#### Feasibility of digitalisation

Implementation (costs, infrastructure, skills)
Reproducibility

# Difficult Easy High Low



Opportunity for digitalisation

Reduce Costs Increase market

Reduce time to

share

market



#### **Review and discussion**

- Would you digitilise core or non-core competences?
- Could you digitilise your non-core competences to help you convert them into core?
- Would you digitilise a non-standardised process?









### Thank you

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