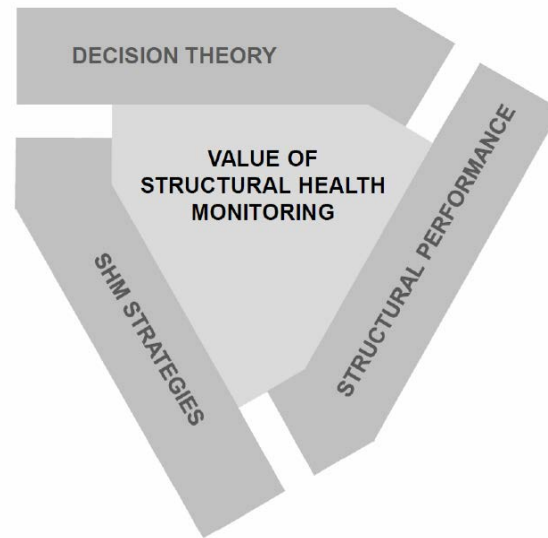


Let's Innovate in the Quantification of the Value of Structural Health Monitoring



Helder Sousa, Michael Havbro Faber

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☐ Innovation

The concept

Innovation Committee? For what?

☐ Innovation Committee of the COST Action TU1402

Memorandum of Understanding

Focus & main responsibilities

☐ Application to the COST Action TU1402



1. Innovation

The concept

- ❑ Add value to markets, governments and society by the creation of new or significantly improved (European Commission 2013) :

Examples:

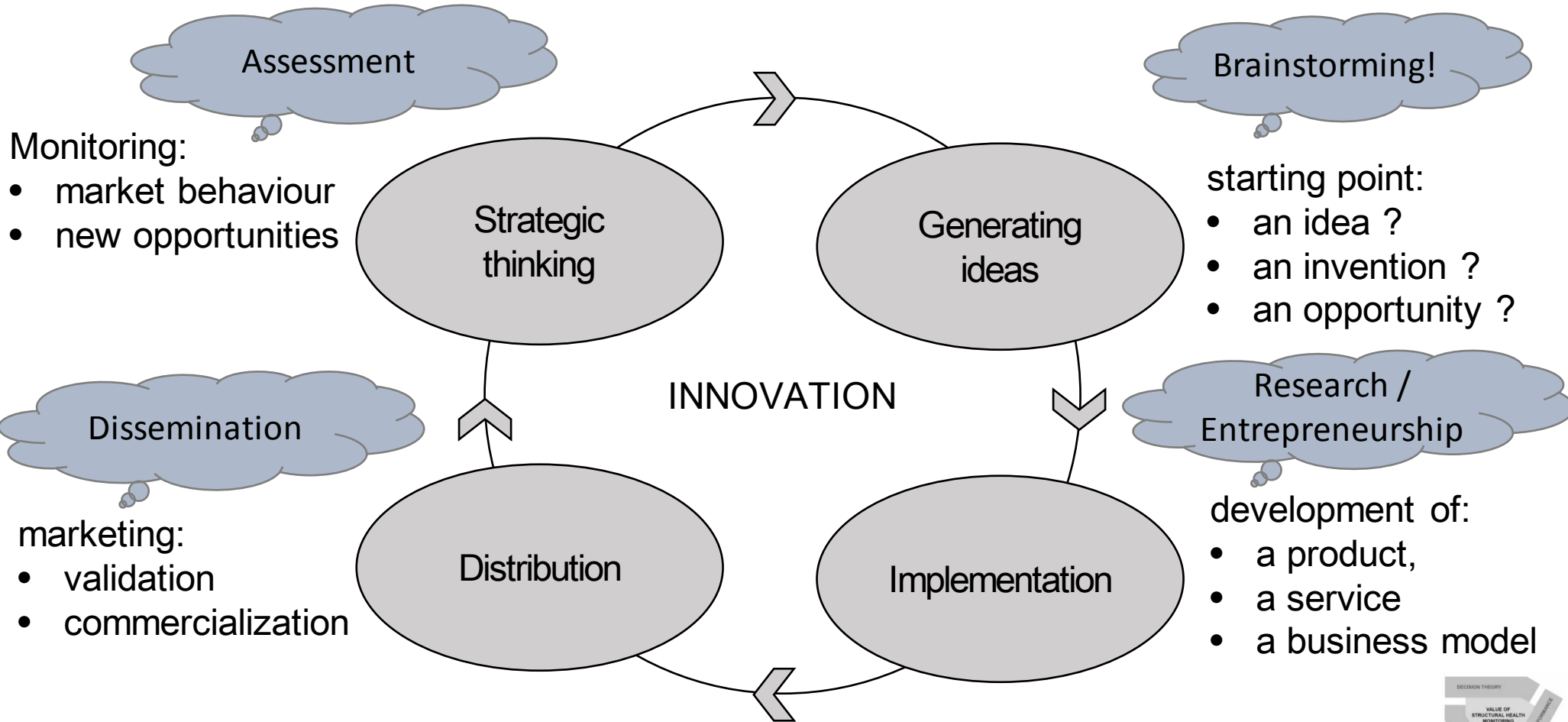
• Products	→	New sensor
• Processes	→	Improvement of asset maintenance
• Marketing	→	New business model
• Organisation	→	New department



1. Innovation

The concept

- ❑ Innovation is a process... Moreover, it is a **cyclic process!**



1. Innovation

Innovation Committee? For what?

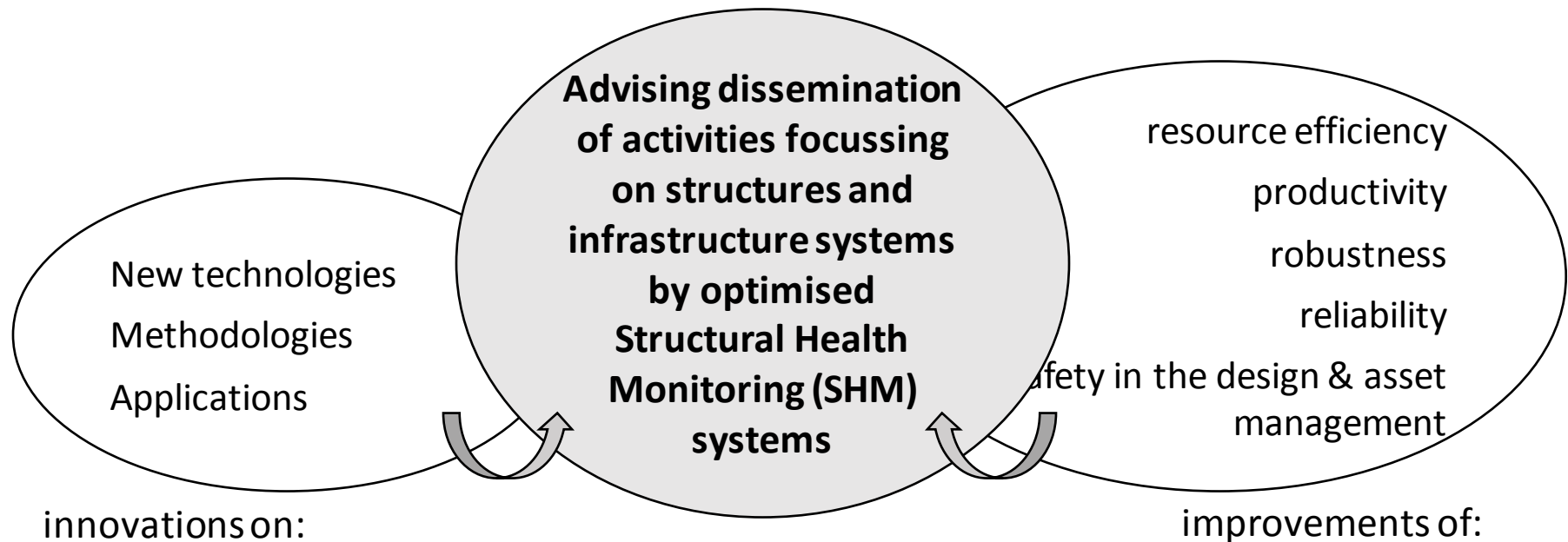
- To be:
 - an enabler (rather than a screener) of good ideas
- To create value:
 - team-building / collaboration,
 - alignment of priorities,
 - Intellectual Property (IP)
 - new product development process
- To foster:
 - creativity / innovation behaviour
 - development of new ideas
 - inspire teams to innovate
- To provide:
 - guidance / recommendations
 - help in the implementation
- To promote:
 - competitions for teams (“best” ideas)
 - activities (innovation days, seminars)
- To get:
 - industry feedback (focus on industry needs)
 - entrepreneurs involved in projects
- To disseminate:
 - the knowledge (lasting over time)



2. Innovation Committee

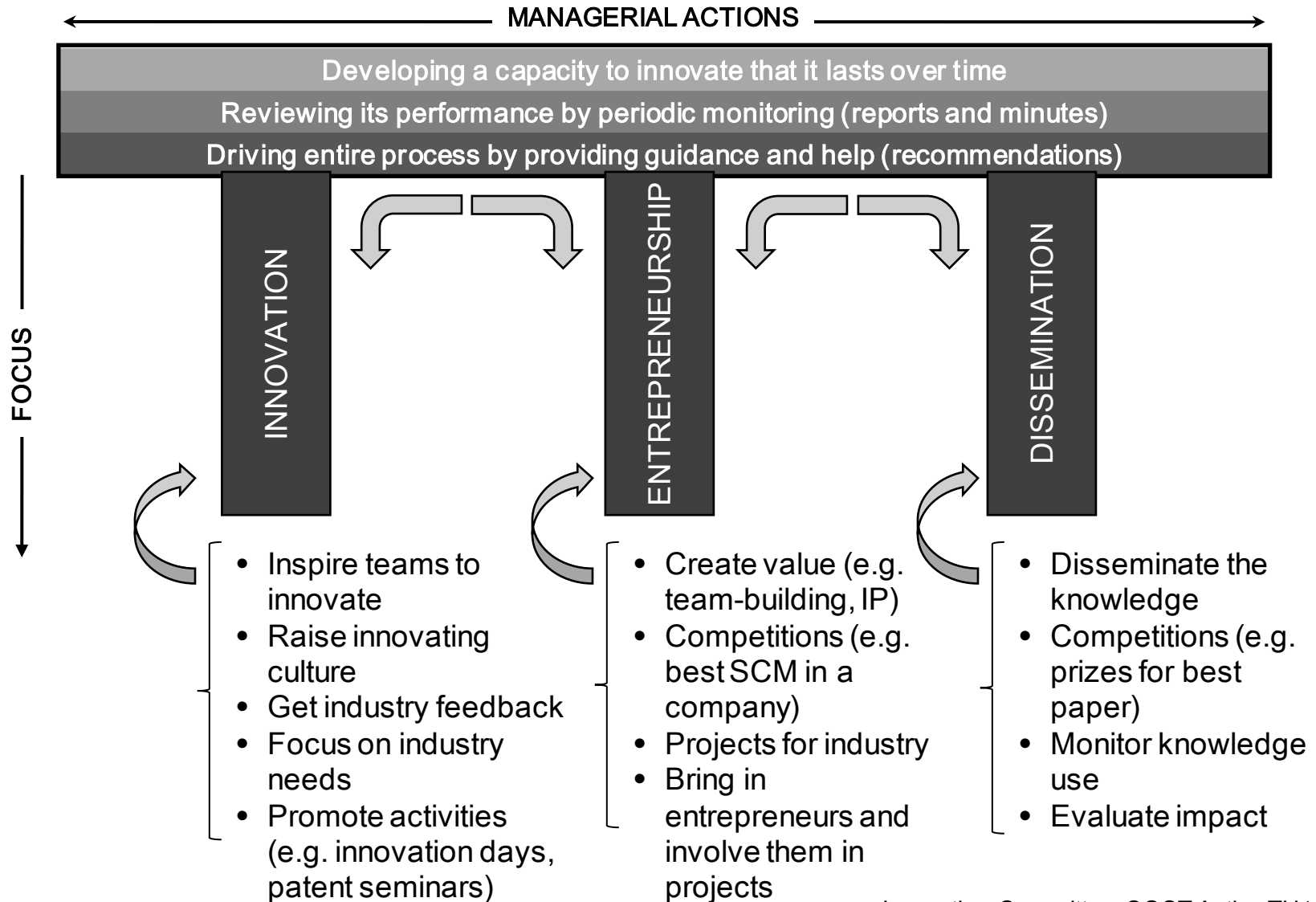
Memorandum of Understanding

- ❑ The Innovation Committee advises the Steering Committee in conjunction with the Advisory Board in regard to the dissemination of innovations



2. Innovation Committee

Focus & managerial actions



3. Application to the COST Action TU1402

An example

- ❑ Overview of the scientific programme (COST Committee of Senior Officials, 2015)



3. Application to the COST Action TU1402

An example

- ❑ Table of recommendations

	- WG1 - Theoretical Framework	- WG2 - SHM technologies and structural performance	- WG3 - Methods and Tools	- WG4 - Case Studies Portfolio	- WG5 - Development of Guidelines
FOCUS					
RECOMMENDATIONS					



3. Application to the COST Action TU1402

An example

- ❑ Innovation pillar – Possible recommended activities



3. Application to the COST Action TU1402

An example

- ❑ Entrepreneurship – Possible recommended activities



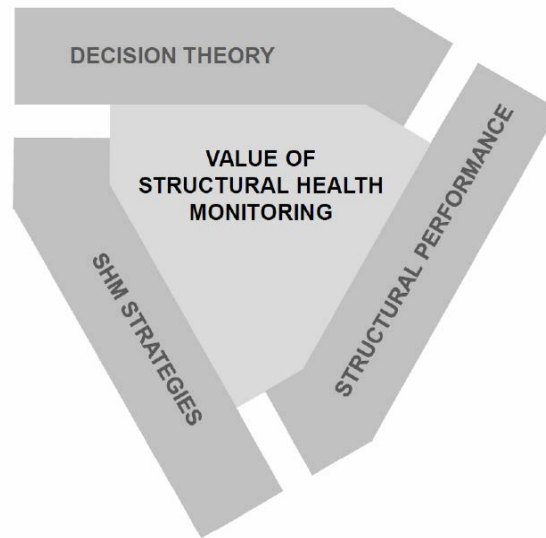
3. Application to the COST Action TU1402

An example

- ❑ Dissemination – Possible recommended activities



Thank you for your attention



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