



PhD Presentation

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The network to make Belgium a better place for public and private R&D



Agenda

- Key succesfactors for organizational innovation
- Knowledge networks
 - Knowledge mechanisms
 - Network orcestration

An innovative organization is capable of developing new knowledge (Nonaka, 1994)

Capable of learning from this newly acquired knowledge (Senge, 1990)

The accumulation and exploitation of knowledge can lead to innovative outputs (Cohen and Levinthal, 1990)

If you are better capable to innovate you are expected to have an advantage over your competitors (Zander and Kogut, 1995)

Innovative firms create capabilities that improve organizational performance (Knight and Cavusgil, 2004)



How to improve organizational innovation?

A literature review

Innovate on multiple dimensions

Individual level/team level

Firm level

Network level

Macro level

Driven by different categories of determinants

Structure

Systems

Resources

Culture

Learning and knowledge management

Leadership style

The importance of knowledge networks for organizational innovation

Knowledge networks= involve individuals and organizations who come together to develop, exchange and integrate knowledge (Phelps, 2012).





Competitive landscape has changed drastically over the last decades → more competitors due do globalization and digitalization

Constantly changing technologies at accelerating speeds

Collaborations with others for acquiring missing knowledge, new technologies, missing skills



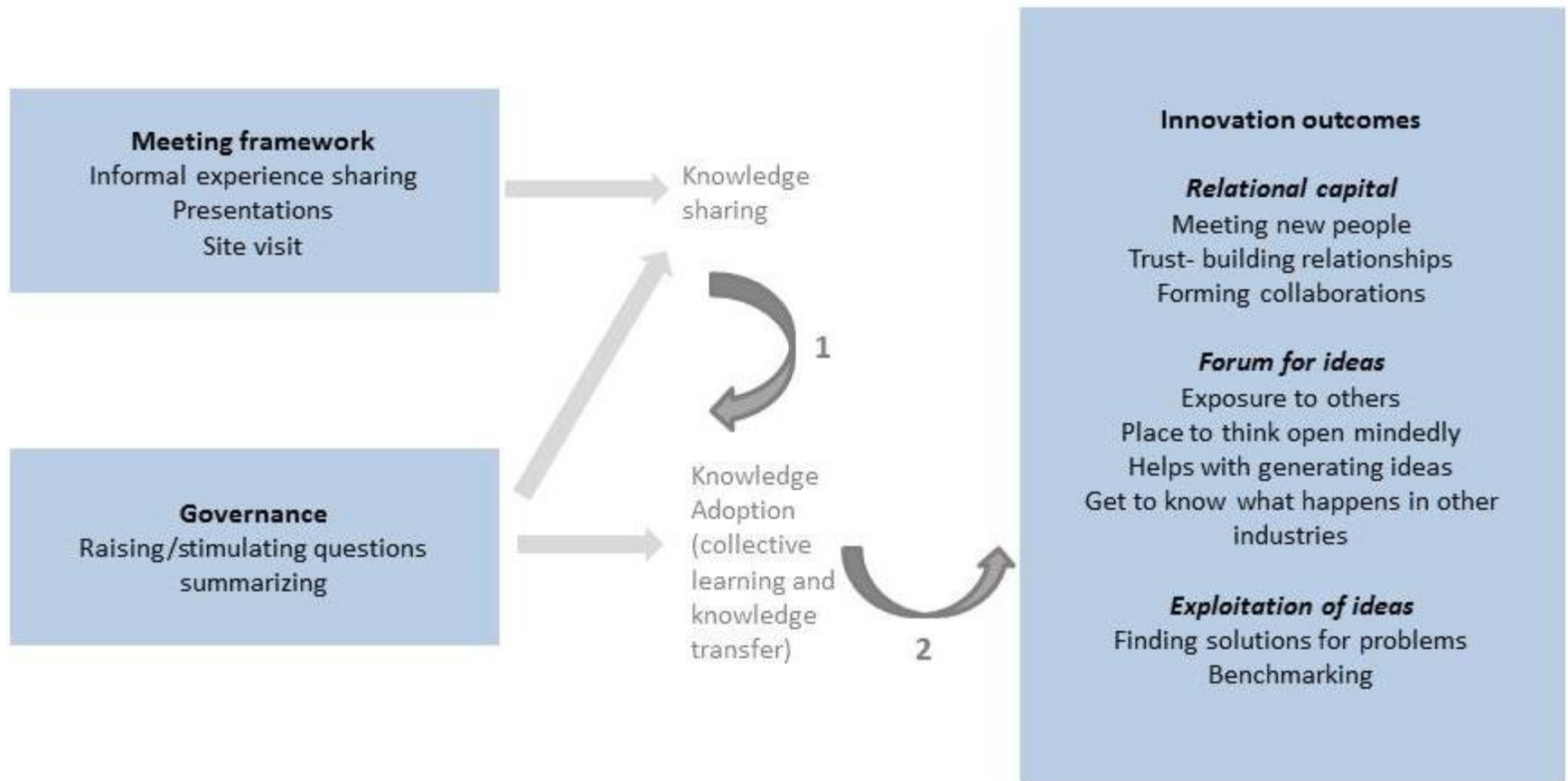
Research design: your input

Table 1 Sample

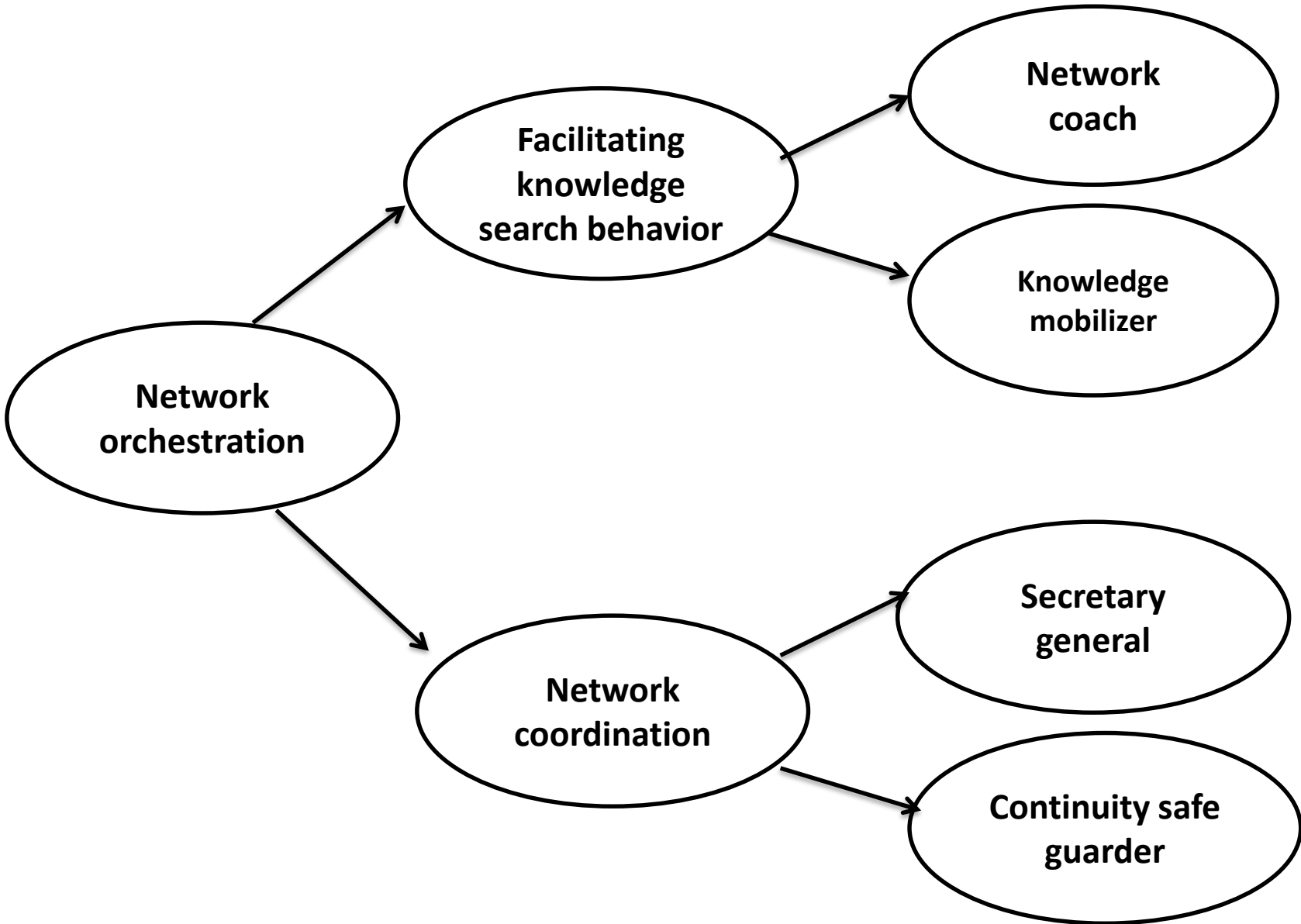
Category of interviewees	Amount	Total present in GRD
Universities	6	6
Clusters	4	4
Firms	35	47
Research institutes	5	5
Other	1	1

Total = 51

The impact of knowledge networks on organizational innovation



Governance of the knowledge network



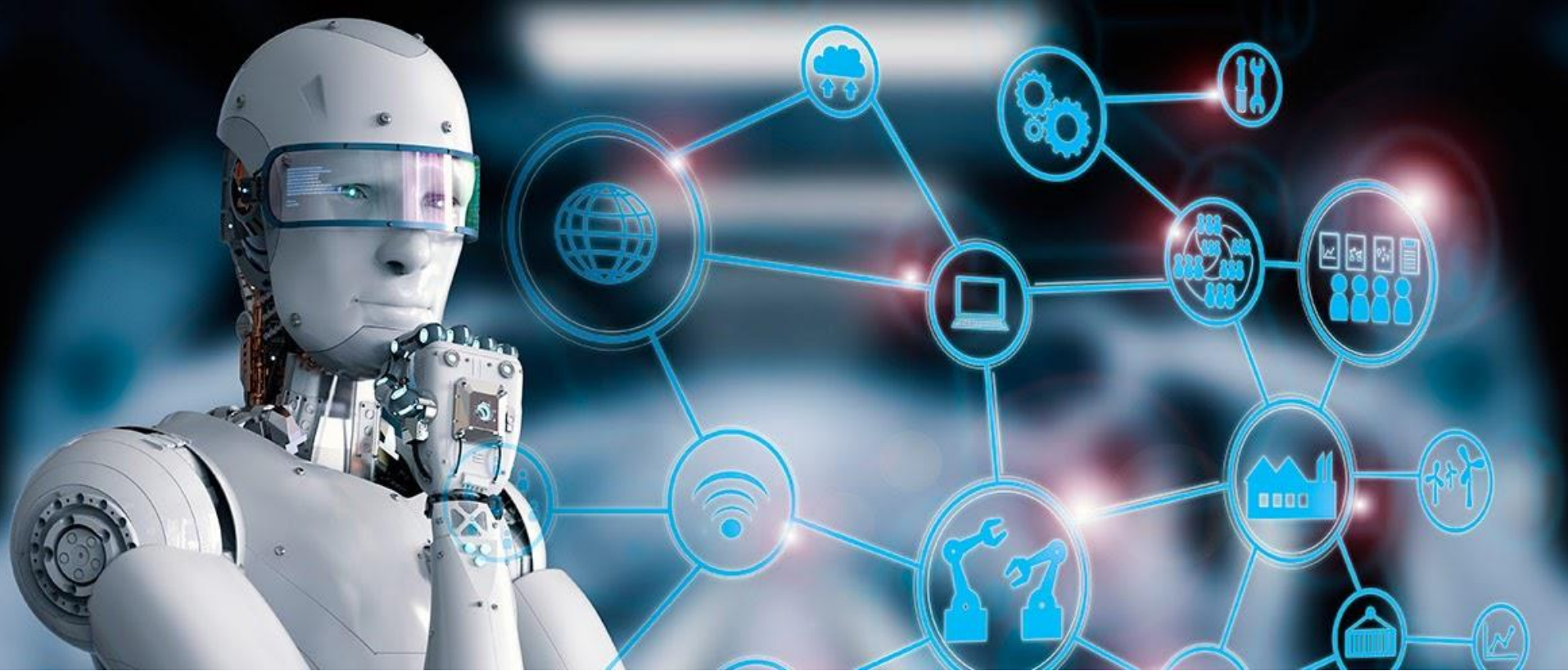
What is in it for you?

- ✓ Practitioners
- ✓ Network orchestrators
- ✓ Policy makers



List of articles:

- A multi-level framework for the determinants for organizational innovation: A systematic literature review (Lourim working paper, presented at ESU conference)
- Inter-organizational communities of practice: knowledge sharing, adoption and innovation outcomes (in review at MI, will be presented at ISPIM conference)
- Open-system orchestration of interfirm knowledge networks (to be send to OS, will be presented at AOM conference)



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