

Mapping Cybersecurity Practices and Mental Models in Danish SMEs: A Comprehensive Study using Focus Groups

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Introduction and Background

- ▶ The Danish SMEs in defense and IT sectors face significant cybersecurity threats.
- ▶ Importance of bolstering cybersecurity frameworks for national security.
- ▶ Previous studies focused on quantitative metrics, neglecting human factors.
- ▶ This study uses a blend of qualitative and quantitative methods, including simulations.

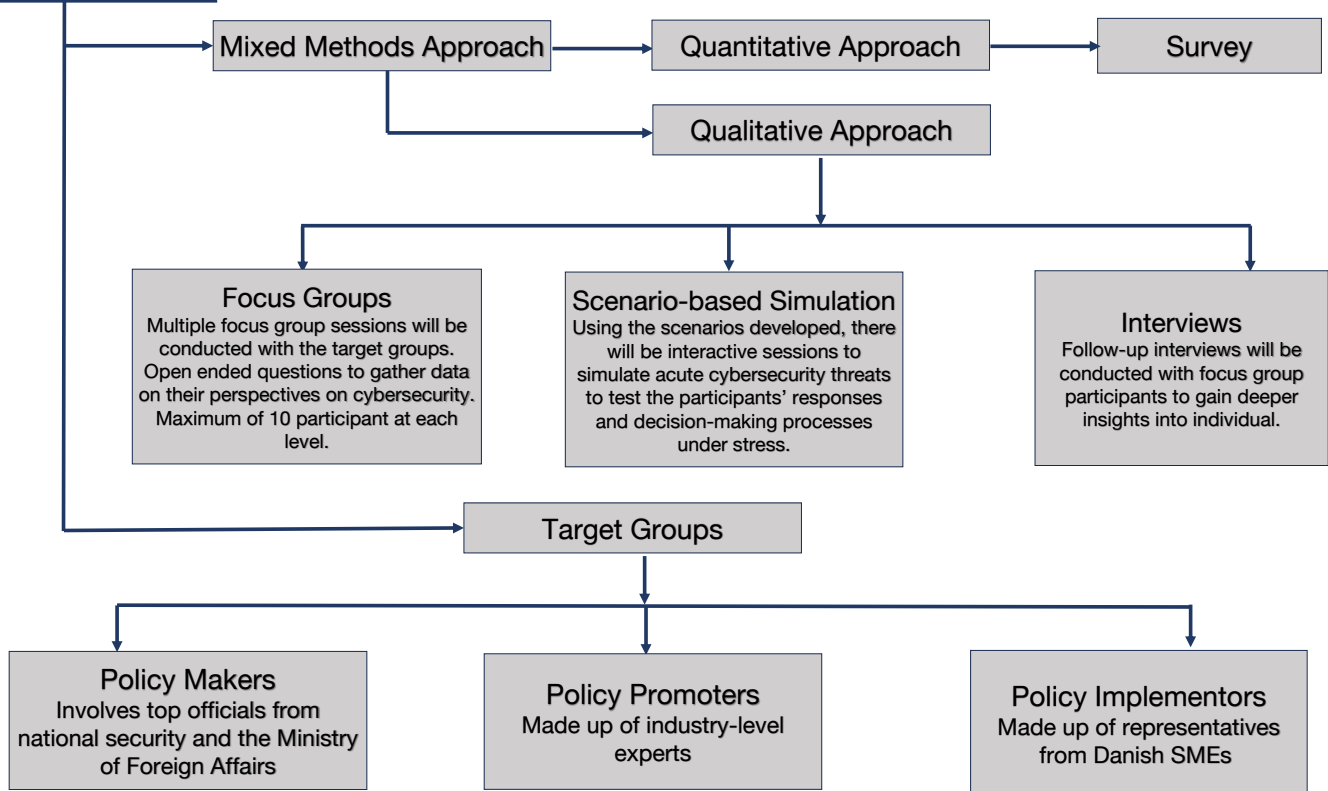
Aims & Objectives

- ▶ Document and analyze perspectives on current cybersecurity practices.
- ▶ Explore mental models underpinning these practices.

Research Questions

- ▶ **RQ1:** Perceptions of policymakers on Denmark's cybersecurity stance.
- ▶ **RQ2:** Comparison of Denmark's cybersecurity posture compared to global standards.

Methodology



Conclusion

- ▶ Map cybersecurity landscape from multiple perspectives.
- ▶ Identify implementation gaps and provide actionable recommendations.

Future Work: Expand scope to other sectors and countries if results are promising

Contributions

- ▶ Reveal gaps between policies and practices.
- ▶ Provide strategic policy recommendations.
- ▶ Enhance cybersecurity frameworks.