

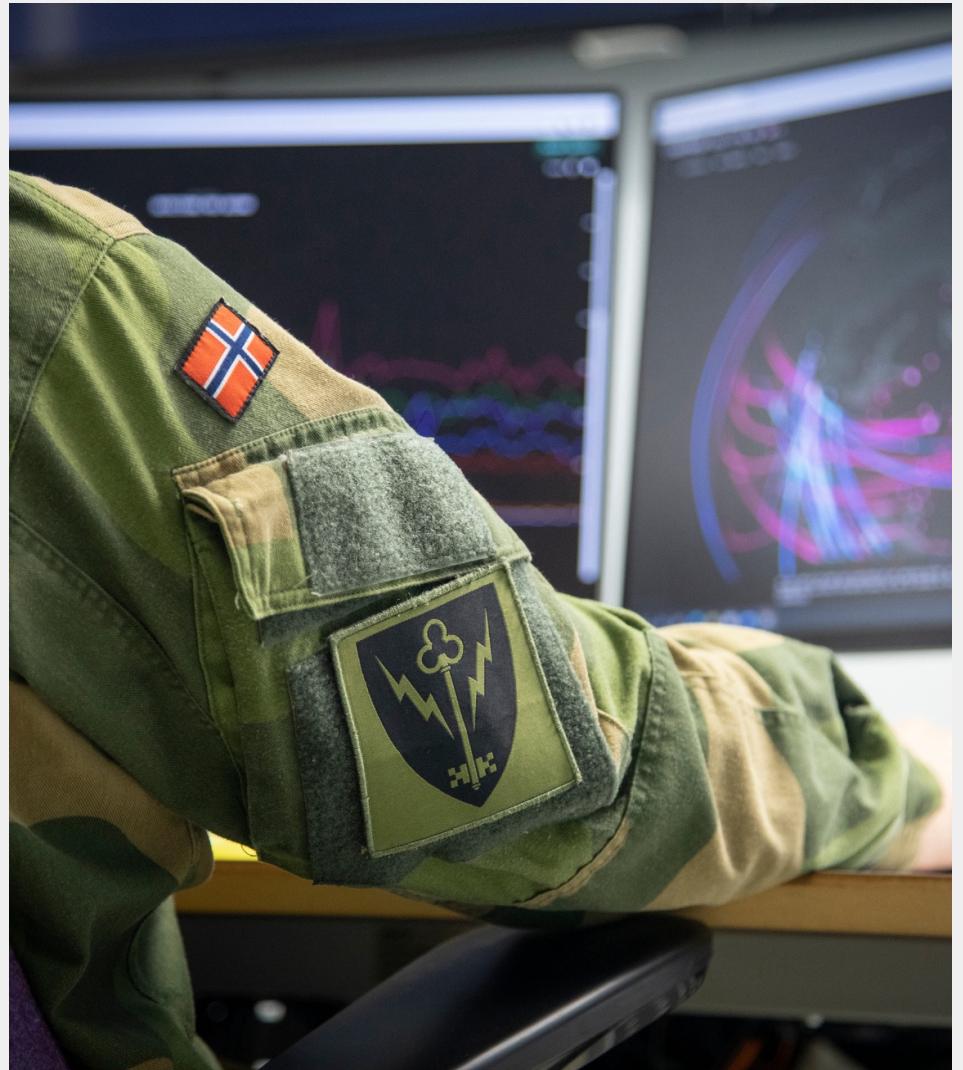


Norway's Defence Transformation: Network-based defence - Lessons for future Defence Innovation

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FORSVARET

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A black and white portrait of B. H. Liddell Hart, a man with glasses and a mustache, looking slightly to the right.

*"The only thing harder than getting
a new idea into the military mind is
to get an old one out."*

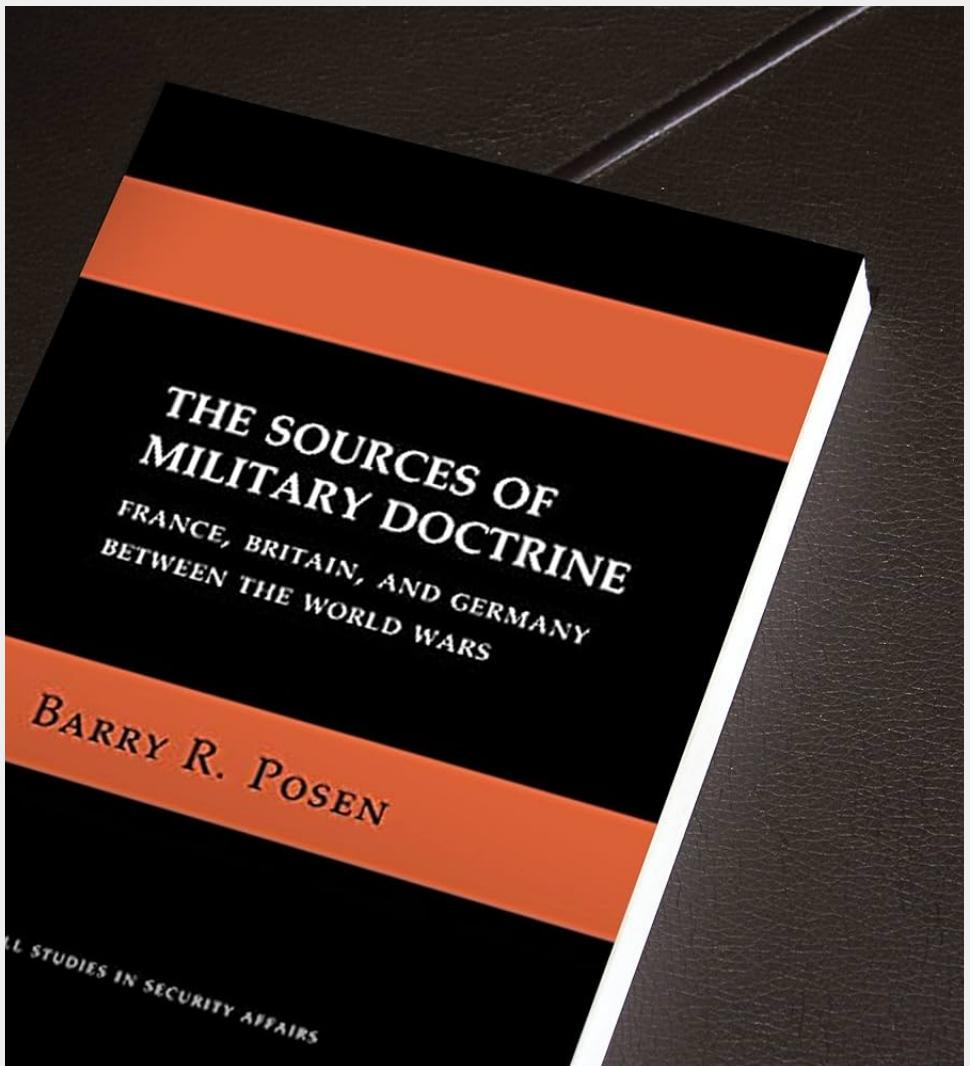
B. H. Liddell Hart

Military Innovation Studies

- Origin: Barry R. Posen (1984)
- Military Innovation Definition:

“ [...] a major change that is institutionalized in new doctrine, a new organizational structure and/or a new technology”

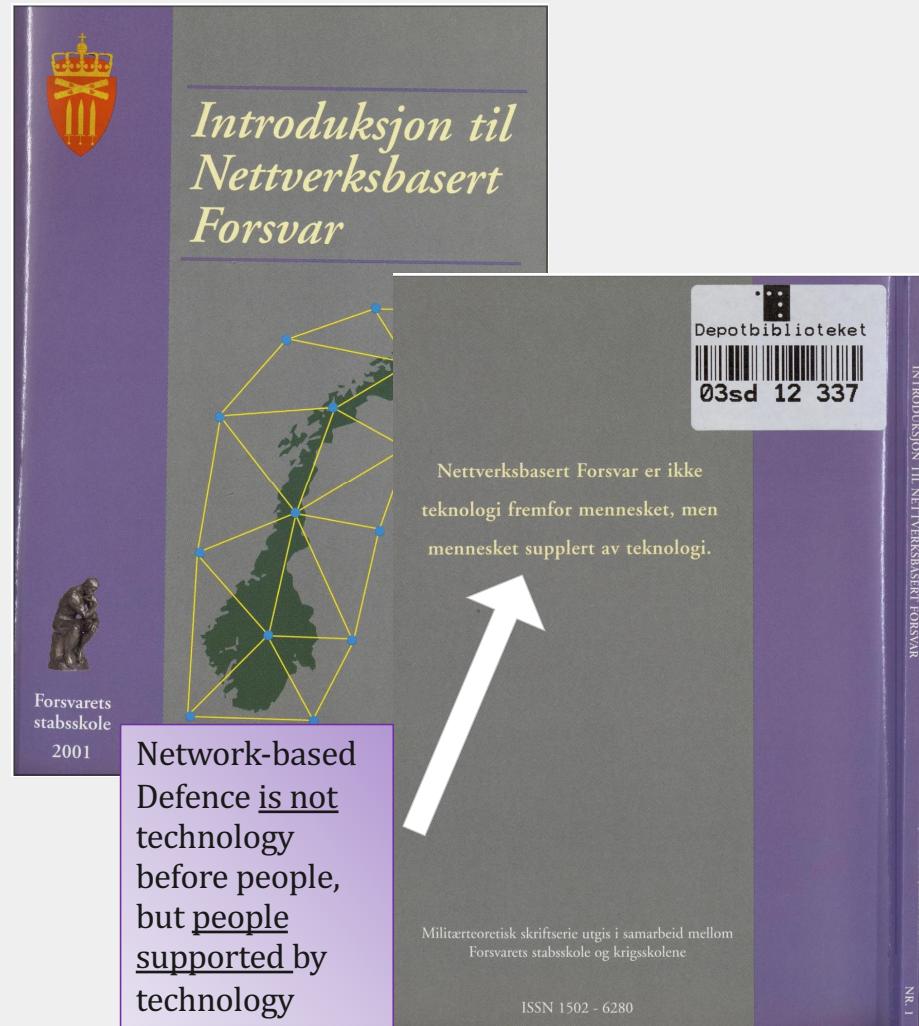
T. Farrel



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Case study: Network-based Defence 2001 - 2018

- Most comprehensive transformation after WII
- Idea: A networked force can function like a network-organisation
- Key words: decentralisation and self-synchronization, C2-Agility

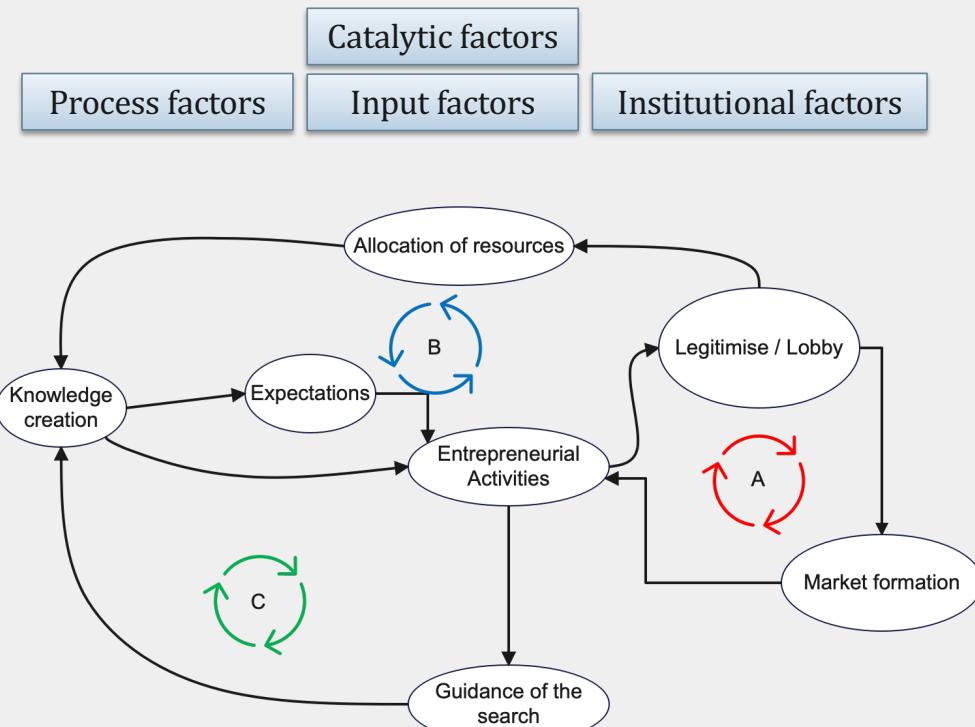


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Analytical framework: Systems Innovation

- Focus on “the machine that builds the machine”
 - Small states lends itself to studying the dynamics
 - Need to reflect the special context military organizations find themselves within
 - Empirical evidence of the usefulness of the framework

Cheung. (2021)



Hekkert et al. (2007)

Methodology

- Qualitative study
- Case study research
- Data:
 - Interviews
 - Archives
 - Doctrines
- Coding of data - guided by the analytical framework
- Identification and synthesis of patterns

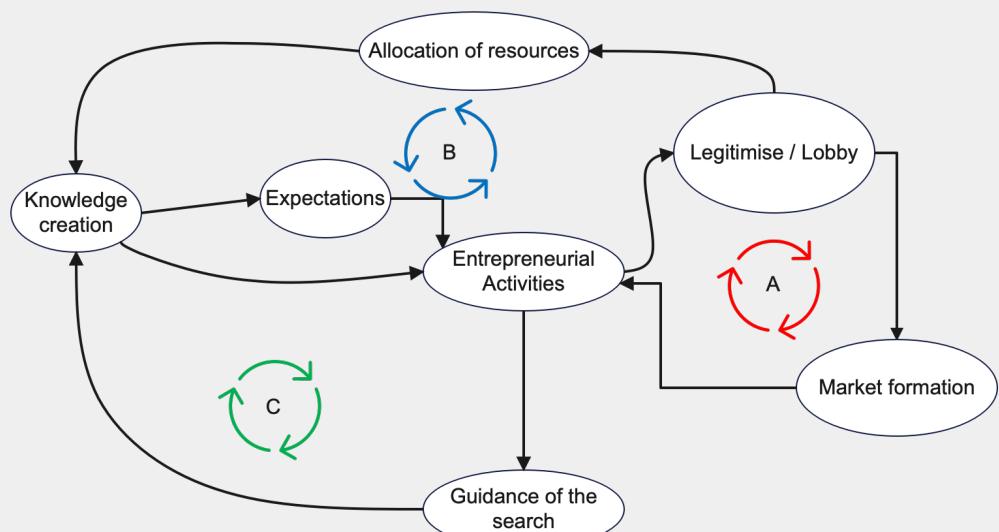
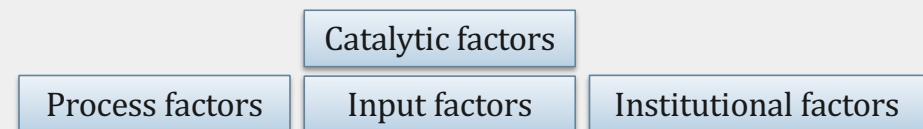


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Preliminary findings

- *Knowledge creation and - diffusion* - dysfunctional (C)
- *Legitimisation / Lobby* provides *Allocation of resources*, but only to a limited degree Market formation (A).
- Contributes to a fundamental lack of *Entrepreneurial activities* within the military organization.
- Positive outcomes can be observed in isolated areas where *Entrepreneurial Activities* can be observed over time.

Cheung. (2021)



Hekkert et al. (2007)

Thank you for your
attention!

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