



Collecting and Analyzing Cases of Inter-Organizational Business Capability Modeling

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ТЛП

Motivation

Research Questions & Approach

Current State

Research Roadmap

Business Capability Modeling – single organization

Business Capability (BC)

"A business capability is a particular ability or capacity that a business may possess or exchange to achieve a specific purpose or outcome." (TOGAF) \rightarrow the WHAT

• Independent, horizontal structure, vertical hierarchy and abstract (Freitag et al, 2011)

Business Capability Map (Aleatrati Khosroshahi et al., 2018, Aier et al., 2008)

- Ordered representation of all BCs within the organization
- Usage:
 - Control instrument
 - Communication tool between management & IT
 - Transparency about issues in EA
 - Development of target architectures
 - Strategy roadmap
 - ...

| Marketing | |
|------------|---------------|
| Brand Mgmt | Campaign Mgmt |
| Event Mgmt | |
| | Brand Mgmt |

Extract of common capabilities across industries

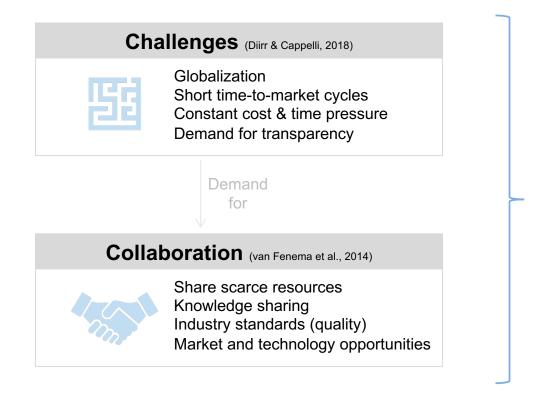
Business Capability Modeling – inter-organizational





Almost no data or research of use cases

Database & analysis of potential of BCM



Demand for inter-org. relationships and alignment on both, business and IT-side

 \rightarrow BCM as an instrument



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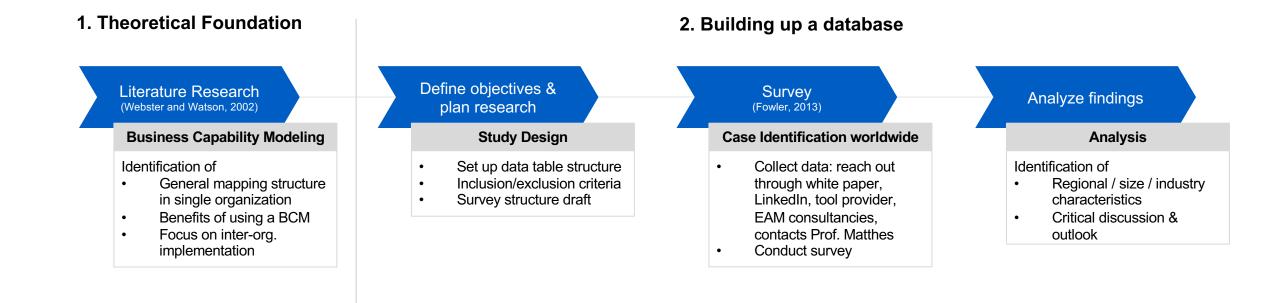
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What reasons for inter-organizational business capability modeling can be found in the literature?

Which factors influence the use of inter-organizational business capability modeling worldwide?

- Regional / industry characteristics
 - Trends

RQ2

• Potential setbacks

RQ1



ТЛП

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RQ1: What reasons for inter-organizational BCM can be found in literature?

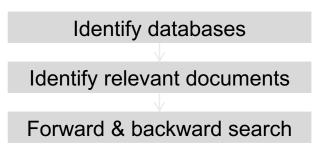
Search Query collaborative OR ((cross OR inter) AND (organization* OR enterprise OR compan*)) AND (business AND capabilit* OR capabilit* OR capability-driven) AND (model* OR map*)

No paper with explicit focus on business capability modeling in interorganizational context could be found

Combine comprehensive information about **BCM in single organization** with **benefits of inter-org. relationships**

- Communication tool
- Shared ontology and standardization
- ...

Proof & further research through data collection





Survey – general structure

1. Introduction BCM

Short explanation of Business Capability Maps \rightarrow Check understanding (quality mgmt.)

- Use of BCM in organization
- Purpose / Reasons against
- Modeling team composition
- Part of inter-org. networks / strategic collaboration

Yes/no Multiple choice Free text Yes/no – which ones

Free text

Drop down

Drop down

Free text

Single choice (range)

3. Company Details

Explanation of benefits of further exchange and offer to provide results

| • | Organization's name |
|---|---------------------|
|---|---------------------|

- Industry^{*}
- Headquarter location^{*}
- Head count
- Contact details

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• If yes: purpose

If no: reasons

#organizations involved

Similar instruments in use

2. Inter-org. BCM

Short explanation of business capability modeling across

Modeling team

Use of inter-org. BCM

plan to do so

• Challenges

organizations

...

Yes/no Multiple choice Yes/no – why Yes/no – which ones Multiple choice Free text Free text Multiple choice

Outline



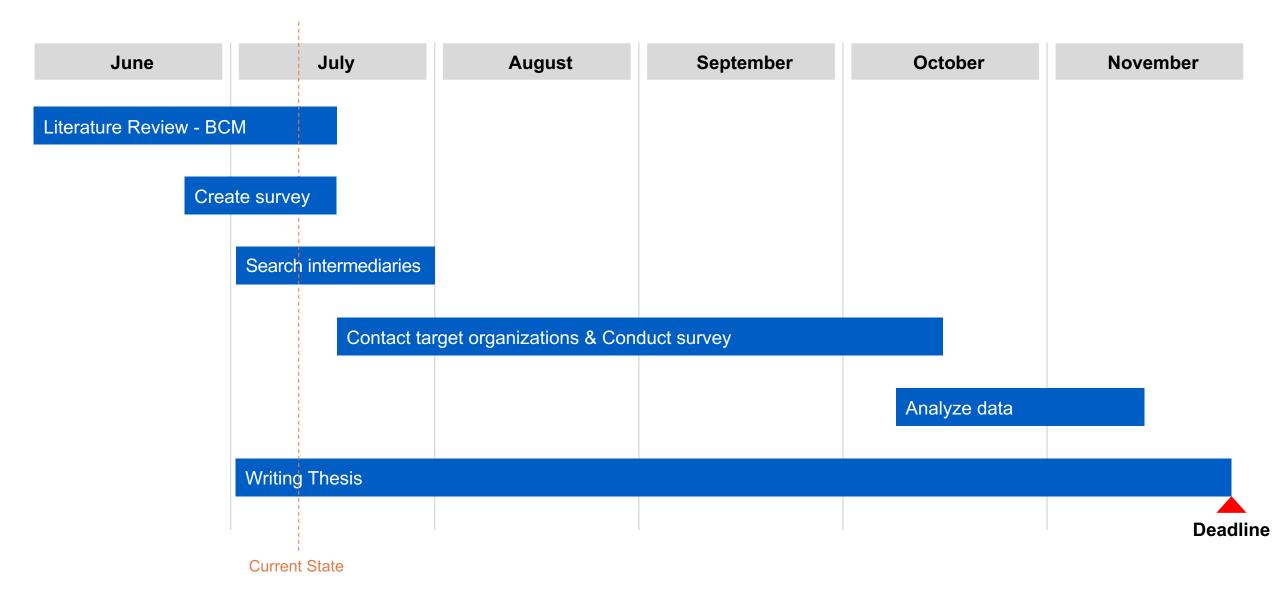
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Roadmap



Literature

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TLTT sebis

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Survey (Fowler, 2013)

Advantages over interviews:

- Consistent data for data base
- Easier reach out: holiday season, too many skype interviews during home office
- Time for respondent to give thoughtful answers, consult with others
- Simple questions improve response rate

Possible Problems:

- need of contact information/not anonymous
- Intrinsic motivation \rightarrow interest in topic needed
- Open answers \rightarrow short \rightarrow less useful data

Option to only provide basic information (e.g. industry) Precise targeting of CTOs, architects etc. Multiple choice & "other" to specify