

Designing a method for identifying organization-specific goals for Master Data Management

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- 1. Theoretical background**
- 2. Motivation, research questions and approach**
- 3. Expected outcome and status**
- 4. Further planning**

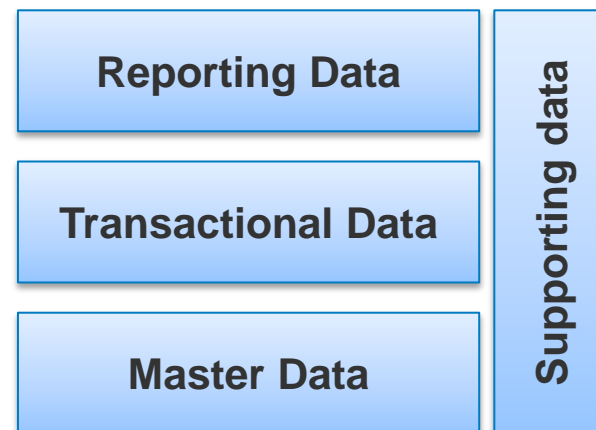
1) Master data

Master data specifies the essential business entities a company's business activities are based on.

Master data

- have a well defined and organization-wide accepted semantic
- have a long lifecycle, are stable and change not frequently
- are reused in variety of different business transactions
- describe business objects that are relevant for all business units

Examples: *Business partner, Product.*



[OH'09], [OO'11]

1) Master Data Management (MDM)

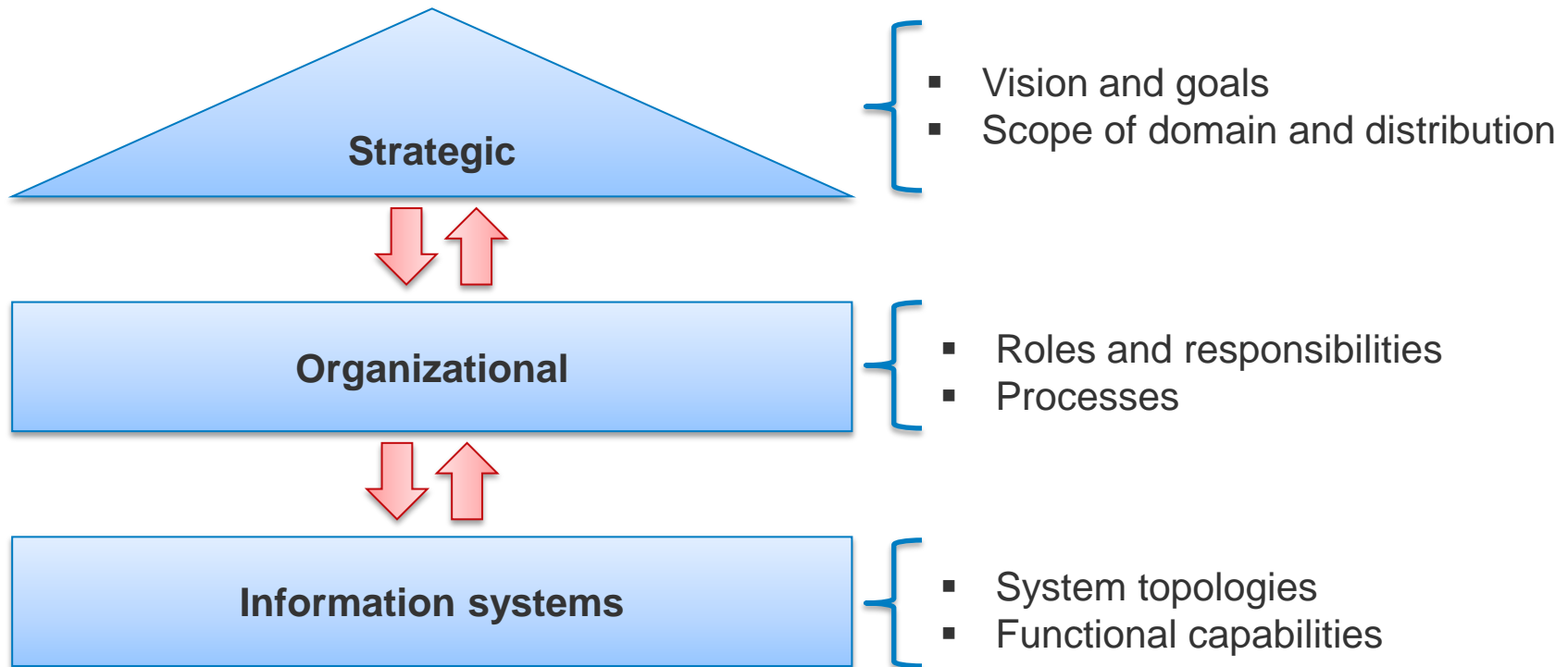
MDM is an application-independent process for the description, ownership and management of core business data entities.

Master Data Management:

- comprises all activities for creating, modifying or deleting a master data attribute, or a master data object
- aims at providing master data of high quality (complete, accurate, timely, duplicate free, and well-structured)
- leverages master data to improve business processes and decisions

1) Complexity of MDM

Multidisciplinary task comprising design activities on a strategic, organizational and information systems level. Introducing MDM has to be seen as a medium- to long term business transformation.



2) Motivation, research questions and approach

Motivation

- Identification and communication of business justification for MDM is essential [BD'11, p.27] [SGZ'12, p.38]
- Historic (master) data management approaches at the industry partner failed to attract and sustain senior management support
- Literature lacks method for identifying and documenting business-oriented and measurable MDM goals

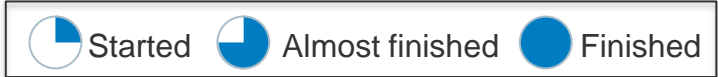
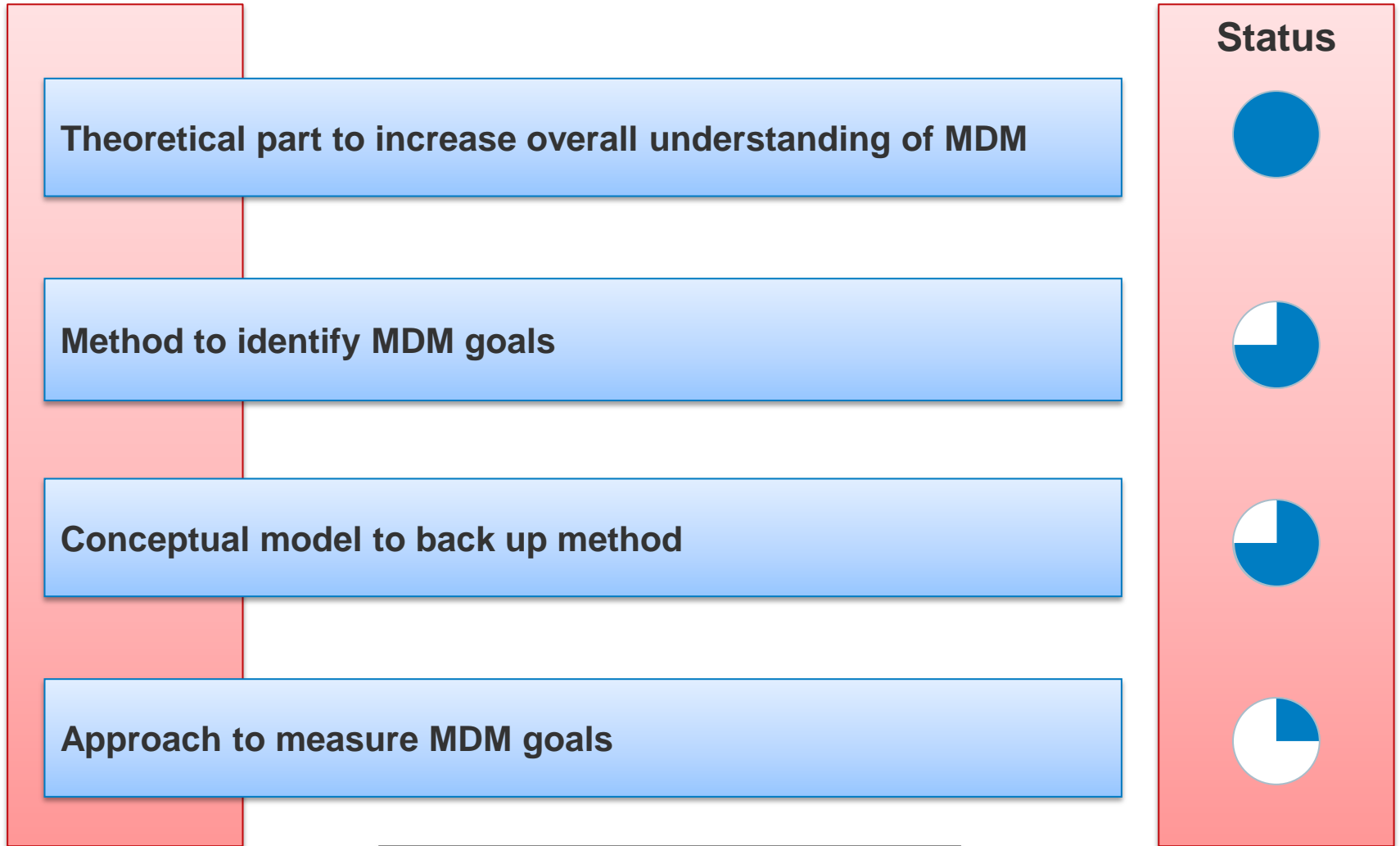
Research questions

1. How does a method to identify organization-specific MDM goals look like?
2. How can MDM goals be documented in a structured manner?
3. How can the achievement of MDM goals be measured?

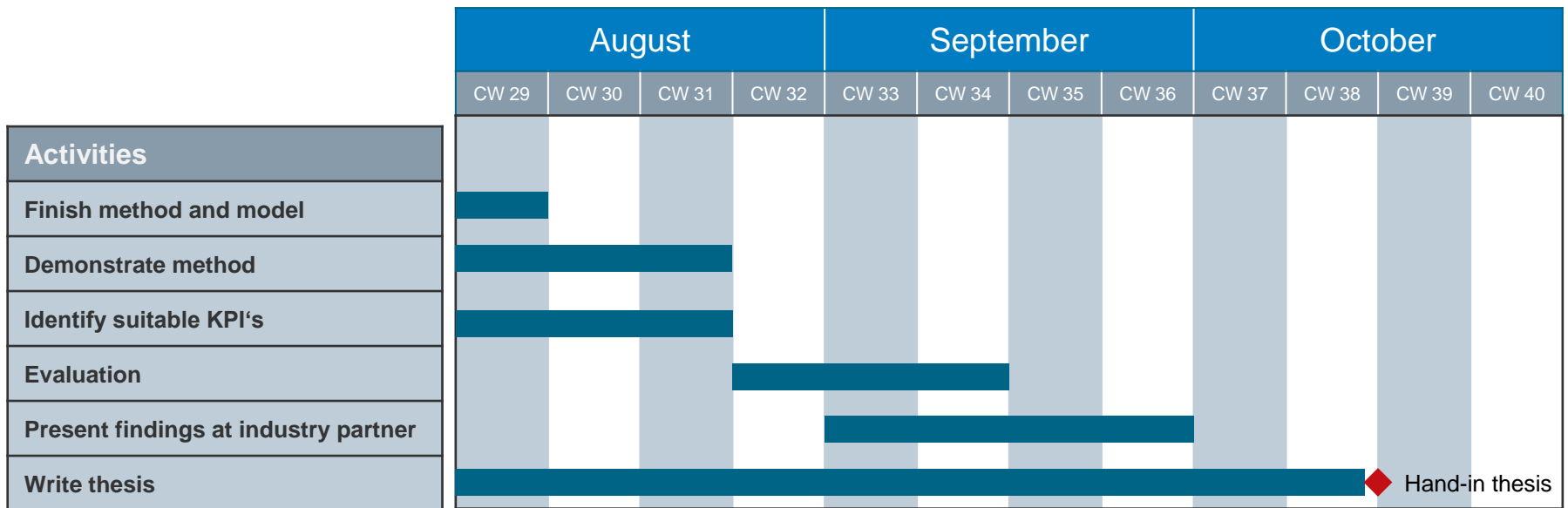
Research approach

- Research questions are of interest to practitioners' and scientific community
- Design Science Research delivers artifacts which contribute to both communities
- *Design Science Research Methodology* by Peffers et al. [PTR+'07] guides the application of Design Science Research in information systems research

3) Expected outcome and status



4) Further planning



...questions?

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- [BD'11] Berson, A., & Dubov, L. (2011). *Master Data Management and Data Governance* (2. Auflage.). McGraw-Hill Professional.
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