UNIVERSITÄT LEIPZIG
Wirtschaftswissenschaftliche Fakultät
Institut für Wirtschaftsinformatik

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Selection of Integrated Campus Management System: The Case of AlmaWeb

Jan Schreiter

Agenda

- Introduction
- ERP and CMS Selection Methodologies
- The Case of AlmaWeb

Introduction

- Bologna Process:
  - unification of higher education by European governments
  - homogenization of education programs
  - more coordination within and among university organizations
- Information systems of universities:
  - traditionally decentralized in nature
  - feature only a loose coupling among the organisational units

=> CMS or SIS could help to optimise and improve the current situation

ERP in comparison with CMS

- standarised and integrated application systems
- systems aim at supporting the main business processes
- pursue similar goals:
  1. Data integration using a common database
  2. Integration of funcitions by avoiding redudant functions
  3. Process integration by implementation of cross-functional activity flows

=> implementing integrated application systems is a complex undertaking

ERP Selection Methodology

- large companies derive their selection decision from a defined business and IT strategy
- small to medium companies often only determine the particular features that are required to run their business
- most important phase over all selection methodologies:
  - find the business vision
  - create the requirements catalogue
  - select the system

=> the most selection methodologies based on mathematical functions

CMS Selection Methodology

- similar to ERP procedures
- steps for selection a CMS:
  1. define the goals
  2. create the requirements catalogue
  3. start the software selection

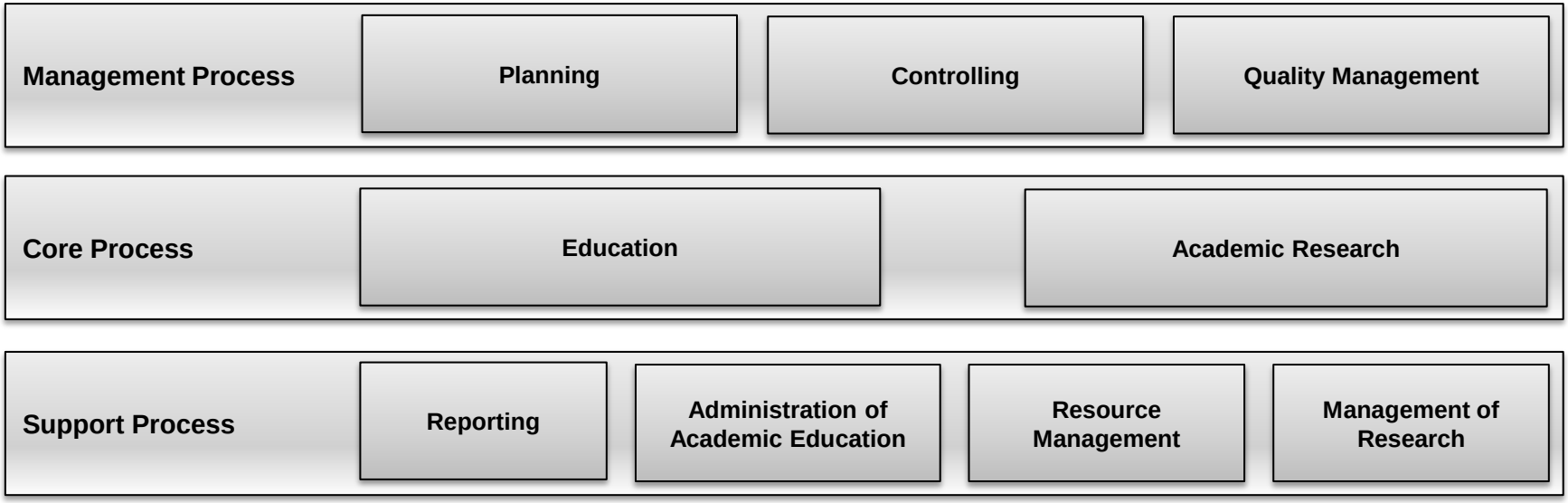
=> is cross functional in nature and impacts many processes

UL was started with a preliminary study

- results of preliminary study:
  - start a university wide CMS project (AlmaWeb)
  - use the competitive dialogue procedure in the selection process
  - aim for a standard software CMS solution
  - establish a suitable organizational structure
  - organise the budget for the CMS project
  - have the CMS implemented within three years
  - to have the faculty and university administration as well as the university computing centre (UCC) as a facilitator in the project

The process landscape shows the process organisation of UL

- distinguishes three categories:
  - management processes
  - core processes
  - support processes



The main document for selection is the requirements catalogue

Uni Hopping
Experiences of other Universities

Interviews
Inclusion of actual processes and specific requirements

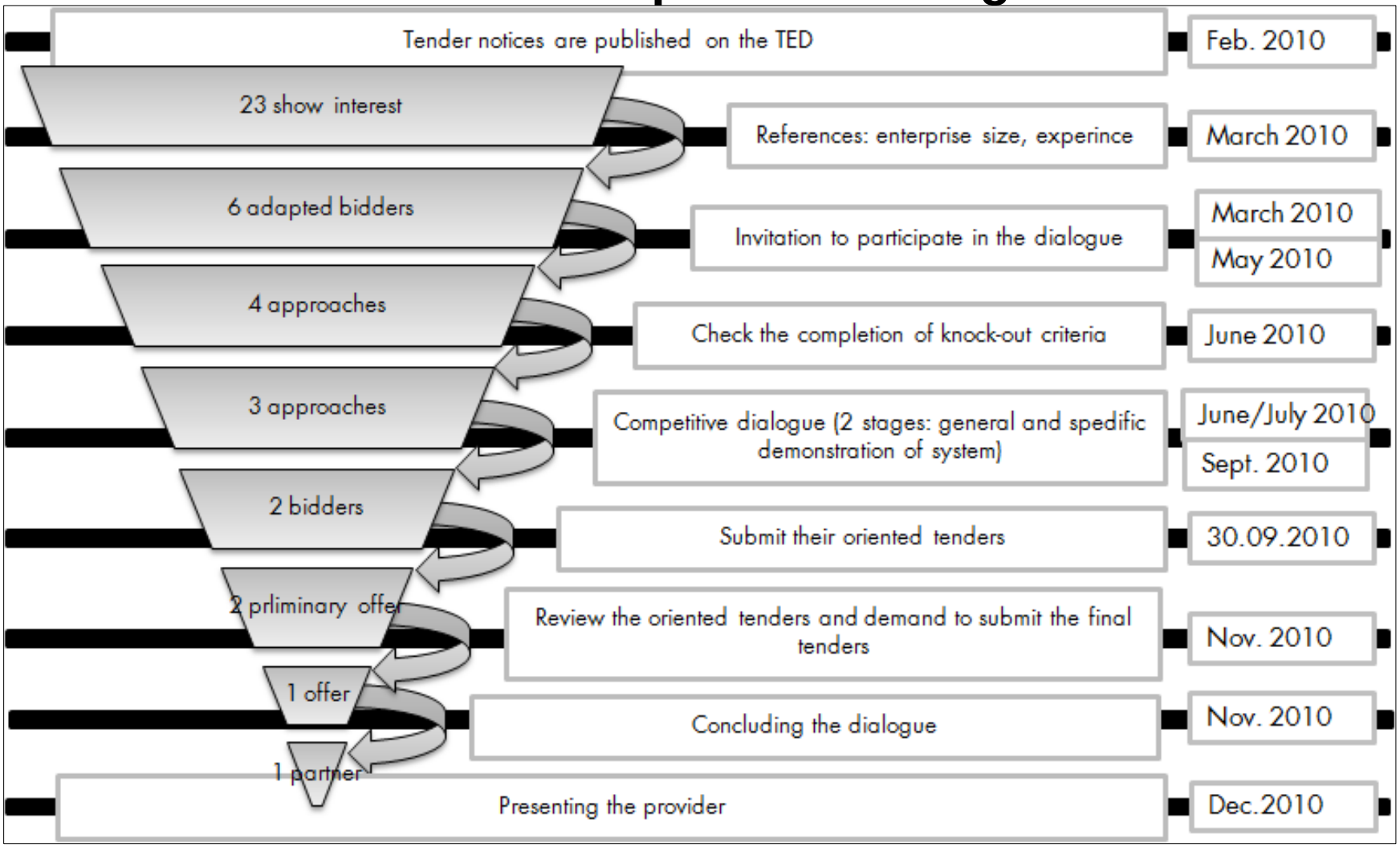
Professional Groups
Concentration of internal expertise

Competetive Dialogue
Refinement and priorisation

Requirements catalogue of University of Leipzig
> 800 requirements

MCAT-4 Specific Functional Requirements					
No.	description of requirement	knock-out criteria	weighting of the CAT in the MCAT in %	weighting of the PRO in the CAT in %	weighting of …
CAT-4-2 business process in adminstration of academic education			xx.xx		
PRO-4-2-1 process information of study				x.xx	
REQ-4-2-1-1	functional support				
REQ-4-2-1-2	…				

The UL make use of the competetive dialogue



Experiences of UL: competetive dialogue

Advantages	Disadvantages
• increased quality of requirements catalogue • extensive insight into the solutions of the bidders • presentation of the actual maturity of the software • impression of customer focus and expertise of the candidates • involvement of future users that enhances the degree of popularity of AlmaWeb	• time-consuming process • high demand of members of staff over a long period of time (40 employees) • large co-ordination complexity • high degree of complexity of development and assessment by a very detailed catalogue of requirements

Summary and future prospects

- selection process for CMS similar as ERP
- universities can benefit from experience of business sector
- universities are public organisations which feature specific requirements
- UL pursue a process-oriented approach
- UL will finish the implementation of CMS in 2013
- more and more universities will implement a CMS

Thank you very much for your attention!

Jan Schreiter
schreiter@wifa.uni-leipzig.de

www.iwi.uni-leipzig.de

AlmaWeb
almaweb@uni-leipzig.de

www.uni-leipzig.de/almaweb