

PROCESS MANAGEMENT

INFORMATION MODELING

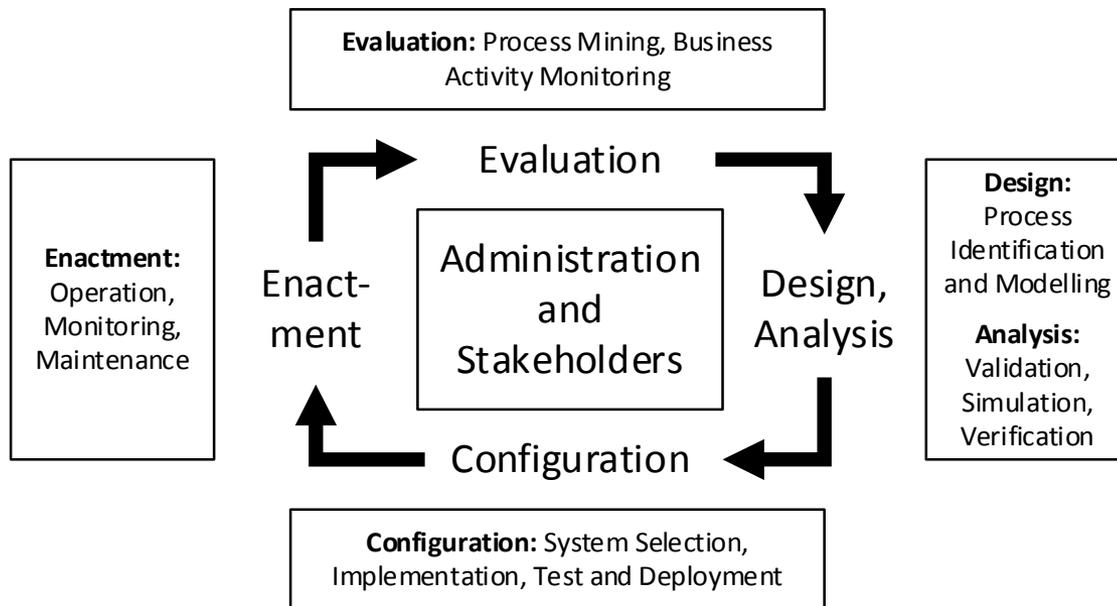
WORKFLOW MANAGEMENT

ENTERPRISE ARCHITECTURE MANAGEMENT

PROCESS MANAGEMENT

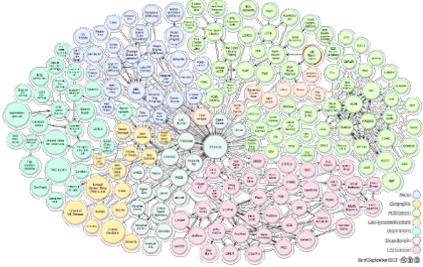


- Process managers are hired by companies that wish to design, maintain, change, and improve interdependent business processes

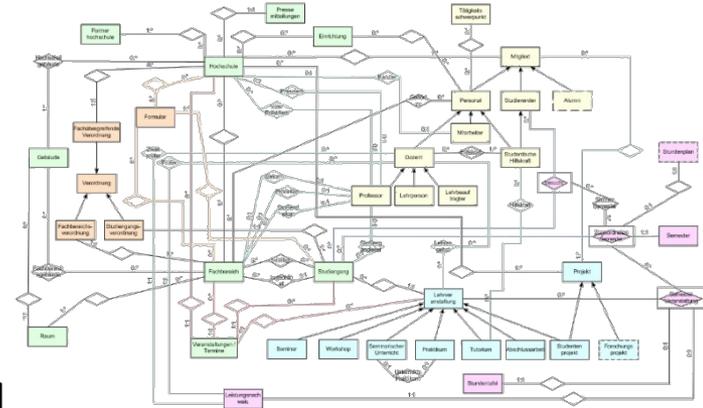


BASICS FOR THIS TRACK

CONCEPTUAL MODELS!

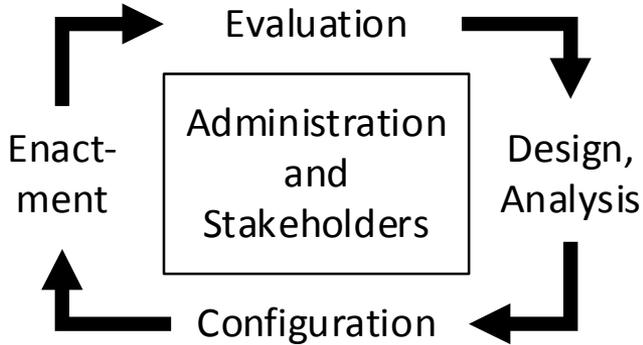


CMS - DATENMODELL - WEB AUFTRIFF DER FHA



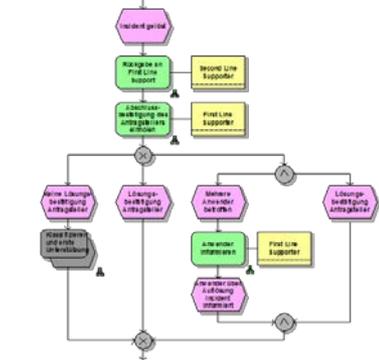
Enactment:
Operation,
Monitoring,
Maintenance

Evaluation: Process Mining, Business
Activity Monitoring

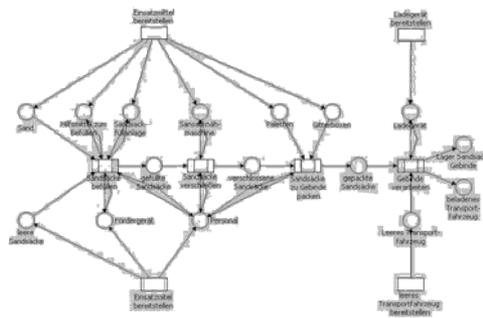
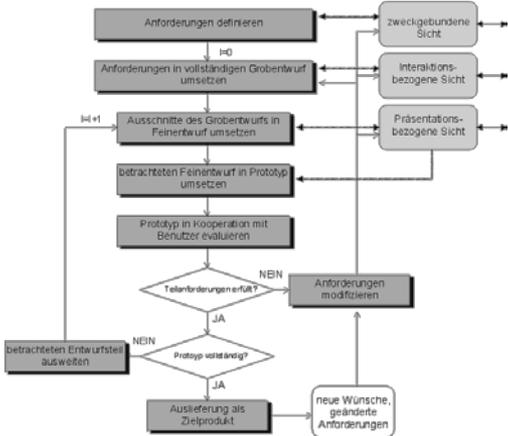


Design:
Process
Identification
and Modelling

Analysis:
Validation,
Simulation,
Verification



Configuration: System Selection,
Implementation, Test and Deployment



NSO		MSO - Prozessmodell					
Kundenanforderungen	Strategische Prozesse (SP)	Verantwortung der Leitung (5)					
	Kernprozesse (KP)	Management der Ressourcen (6)					
	Unternehmensprozesse (UP)	Produktrealisierung und Support (7)					
		Messung, Analyse, Verbesserung (8)					
		Kundenindividuen					

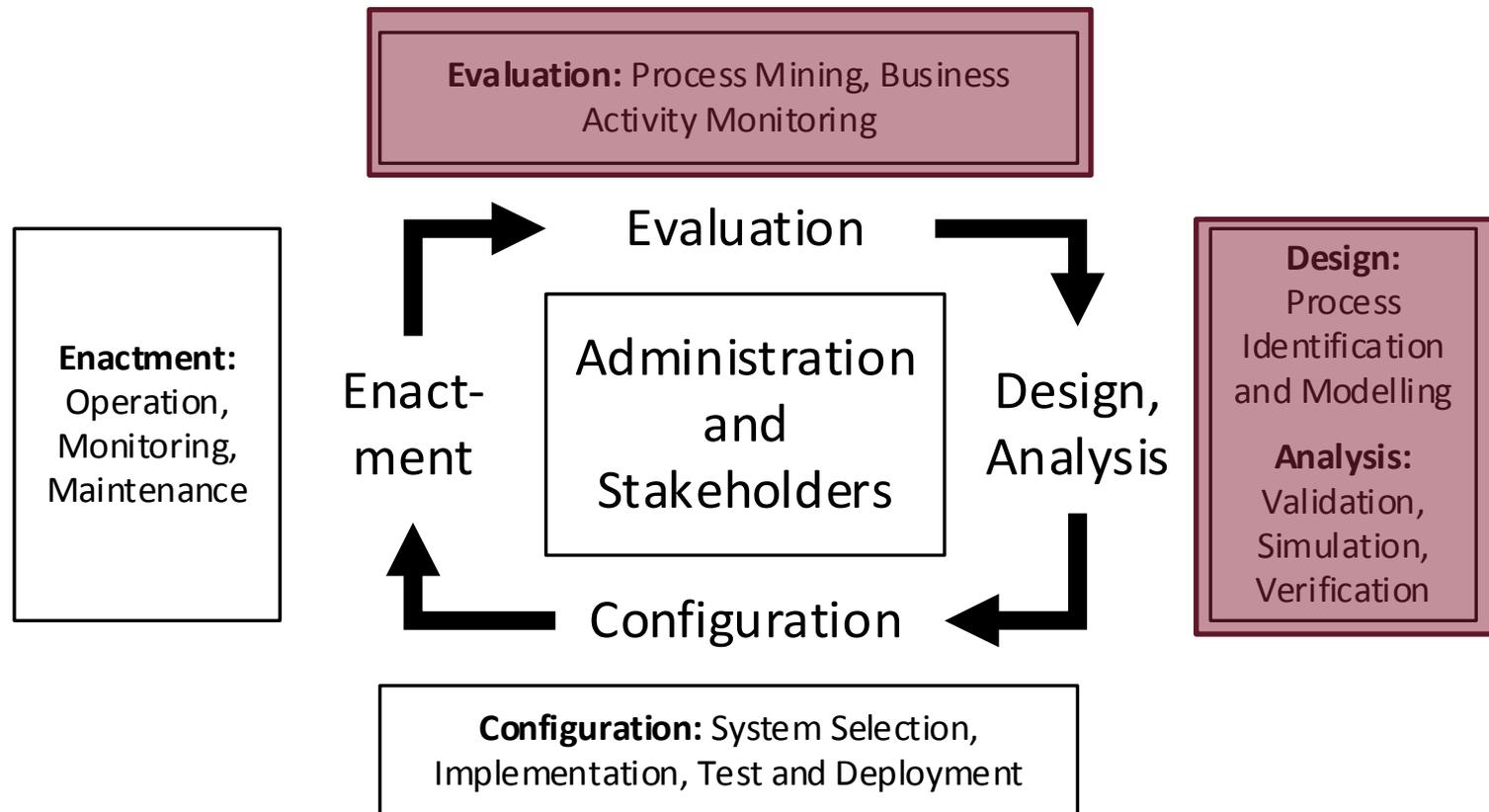
INFORMATION MODELING

PD DR. DELFMANN (WINTER TERM)



- Advanced understanding of conceptual modeling, conceptual modeling languages and conceptual model analysis
- Learning goals:
 - Know how to design and apply modeling languages and tools of different kinds
 - Know how to really exploit the benefits of conceptual modeling through automation of model analysis
 - Know how to apply innovative techniques of conceptual modeling to different business domains

FOCUS OF INFORMATION MODELING



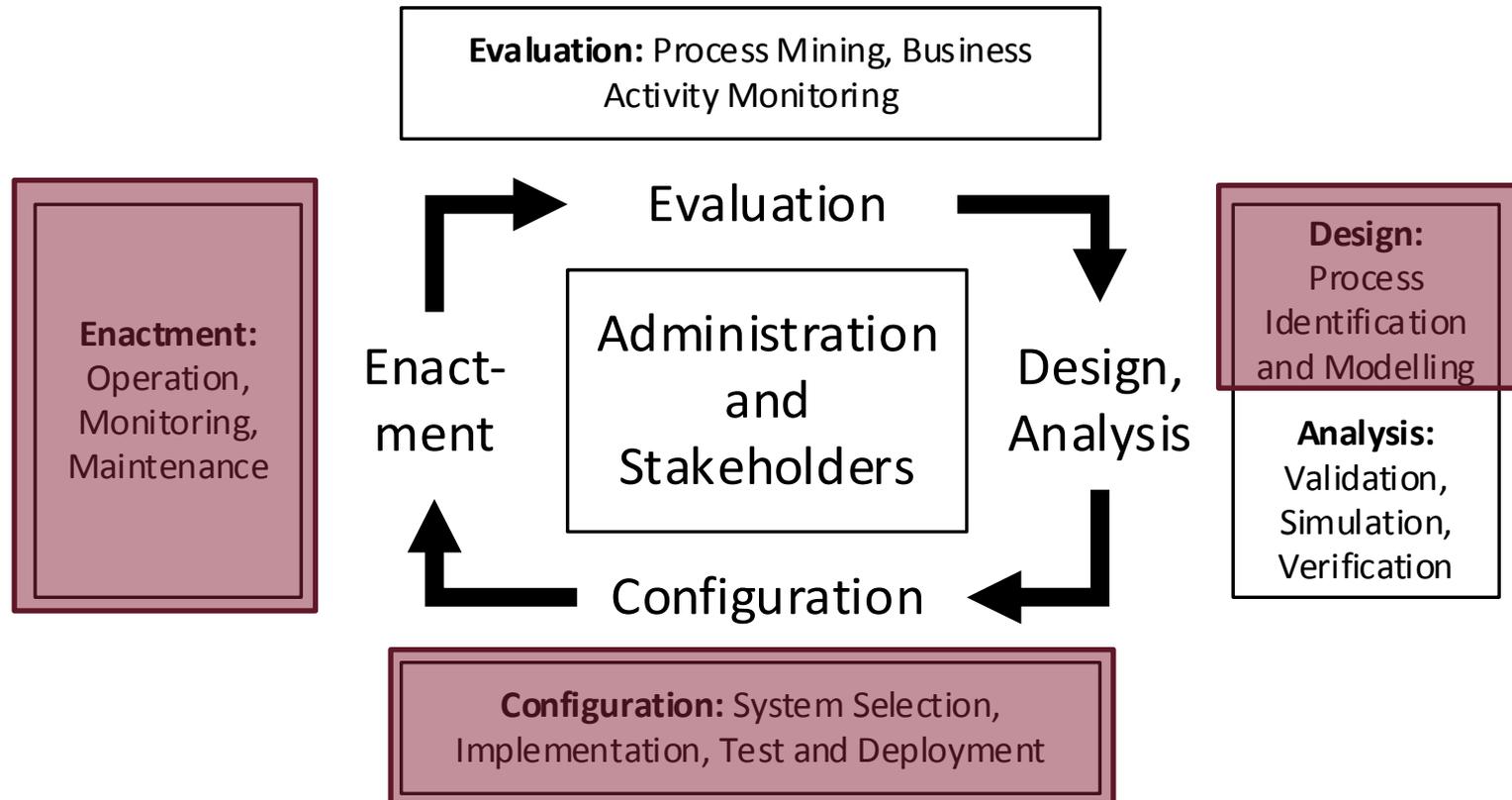
WORKFLOW MANAGEMENT

PD DR. DELFMANN, DR. FLEISCHER (SUMMER TERM)



- Topic: analyze, model, improve, and implement business processes
- Learning goals:
 - Understand the difference between business processes and workflows
 - Be able to model “real-world” business processes
 - Be able to transform business process models into workflow models
 - Be able to implement workflow management systems
 - Understand special aspects of workflow management and latest research results

FOCUS OF WORKFLOW MANAGEMENT



ENTERPRISE ARCHITECTURE MANAGEMENT

PROF. DR. BERND HELLINGRATH (SUMMER TERM)



Building Blocks (the course will ...)



Present...

- Introduce the idea of EAM and basic concepts
- Present current developments, methods and frameworks in the domain of architecture development
- Introduce a concrete architecture realization process by
 - studying The Open Group Architecture Framework (TOGAF)
 - and its Architecture Development Method (ADM)

THE *Open* GROUP

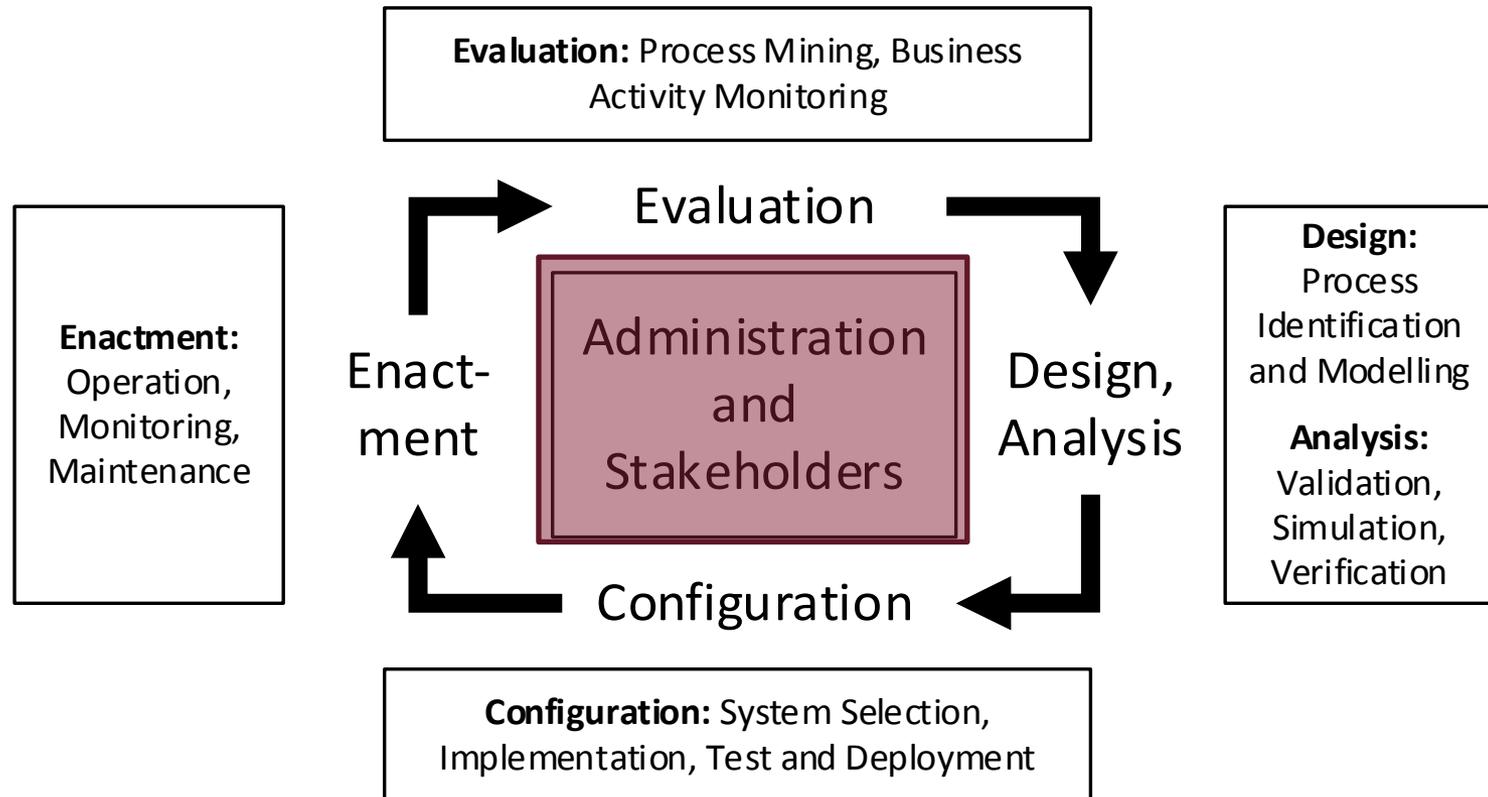


Convey...

- Practical skills in Enterprise Architecture modelling by introducing the modelling language "Archimate" in a tutorial.
- Practical experience in architecture development and presentation by work on an integrated realistic case study
- Real life insights by guest lectures from practitioners (industry, science & consulting), illustrating the reality of EA design and implementation in business


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PROCESS MANAGEMENT



THE IS RESEARCH NETWORK

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