

IAEA International Conference on Human Resource Development for Nuclear Power Programs: Building and Sustaining Capacity, 12-16 May 2014

# Knowledge Management for Business Process Management

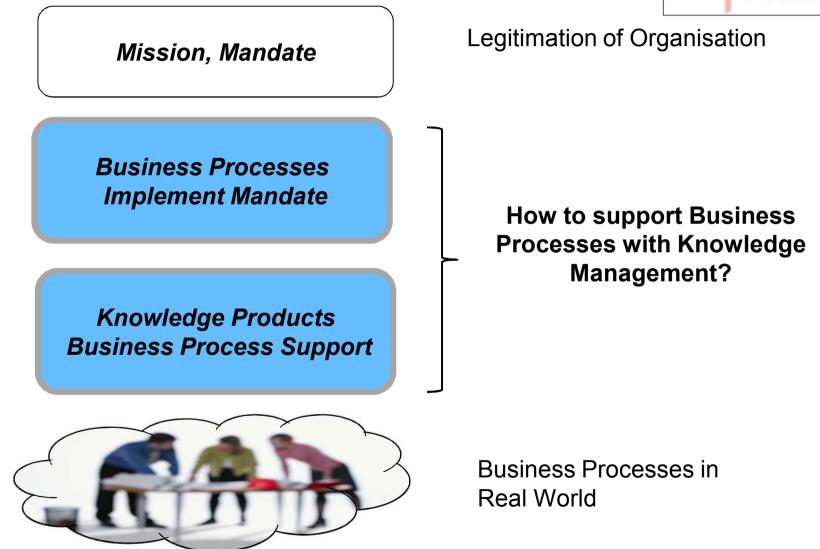
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# Process Oriented Knowledge Management



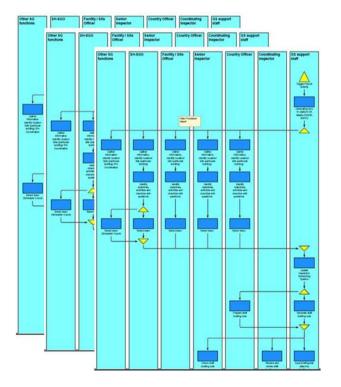
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### A Business Processes describing Complementary Access



### **Graphical Process Description**



The CA Process is described in detail to enable proces-cost calculation.

### **Print-Out of the Process**



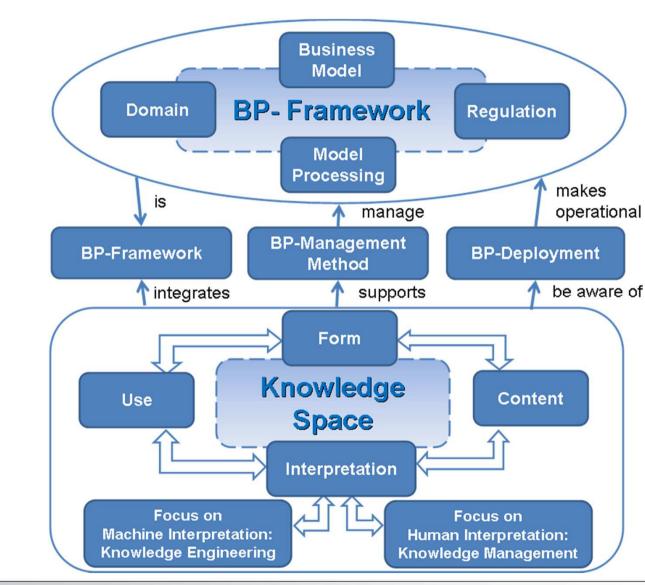
The practical use in daily work was aimed to be improved.



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### Knowledge Management supporting Business Processes



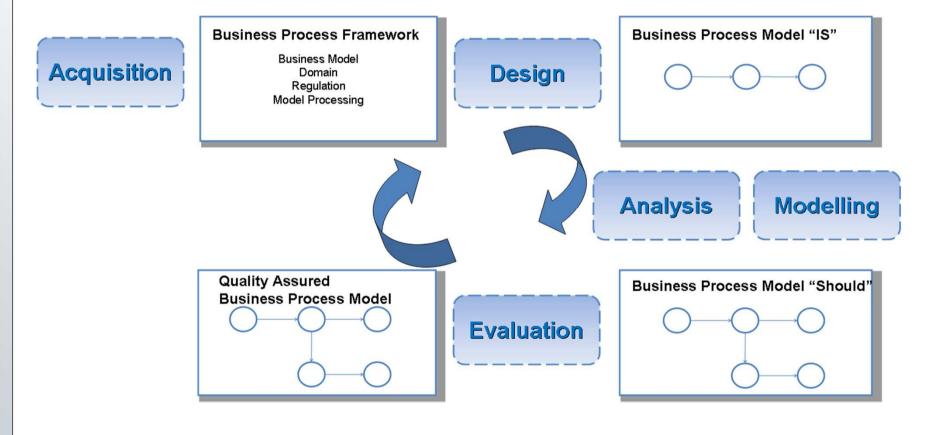




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### Key Elements so support Business Process Management

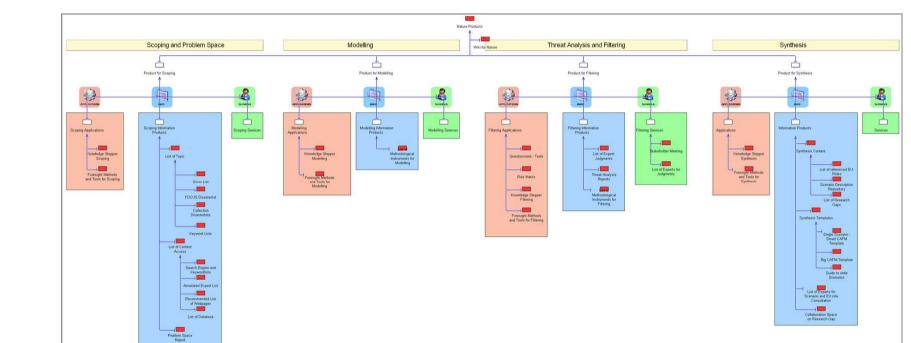






# Knowledge Products as Enabler for Knowledge Support

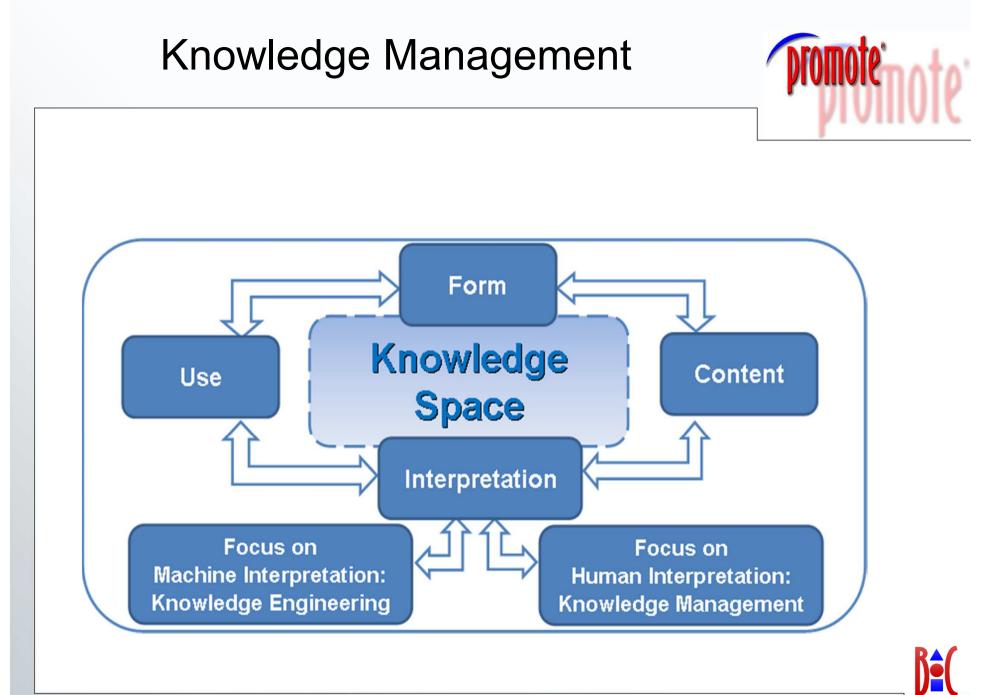






Modelling knowledge products using workshops.

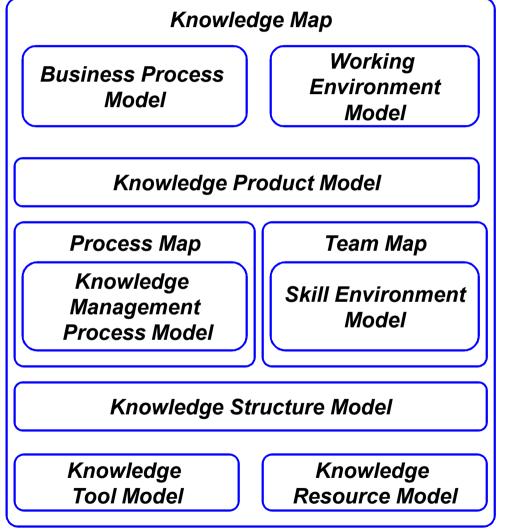




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# The PROMOTE® Modelling Language





#### **Overview Models:**

- Knowledge Map
- Process Map
- Team Map

#### **Business Process related Models:**

- Business Process Model
- Working Environment Model

#### Knowledge Management related Models:

- Knowledge Product Model
- Knowledge Management Process
- Skill Environment Model
- Knowledge Structure Model

#### Knowledge Resource related Models:

- Knowledge Tool Model
- Knowledge Resource Model



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# Outlook: Process-Oriented Knowledge Platform

based Knowledge Platform - Natural Dis +				
Www.focusproject.eu/knowledgeplatform	/workbench/controller.do?action=navigation&id=Natural Disasters and Global 8	Environmental Change	☆ ▼ C Google	<u></u>
ation for performing scenario foresight based on the <b>Phase 1: Phase 2:</b>	ath, select one of the phases to access the according process stepp	er. Each process stepper supports you by guiding you thro	ugh its knowledge steps and offers you additional supporting	-
Consumable Knowledge @ mable knowledge from FOCUS foresight can be dire Scoping	ectly accessed via the links below that provide entry point for further na	vigation through related FOCUS content and results.	Synthesis	
Scoping	modening			
Information • List of Topic: • Driver List • Disasterlist • Collection Disasterlists • Keyword Lists • List of Content Access: • Search Engine and Keywordlists • Annotated Expert Lists • Recommended List of Webpages • List of Databases • Problem Space Report Service Application	Information		<ul> <li>Information</li> <li>Synthesis Content:         <ul> <li>List of referenced EU-Roles</li> <li>Scenario Description Repository</li> <li>List of Research Gaps</li> <li>Synthesis Templates:                 <ul> <li>Single Scenario - Smart CAFM Template</li> <li>Big GarAm Template</li> <li>Guide to write Scenarios</li> <li>List of Experts for Scenario and EU Role Consultation</li> <li>Collaboration Space on Research Gap</li> </ul> </li> <li>Service</li> <li>Application</li> </ul> </li> </ul>	



Chapter on "Knowledge Engineering for Business Process Management" Karagiannis, Woitsch In Brooke, Rosemann, Handbook of Business Process Management, Springer 2010 Update in 2014



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