KEBN-DN

Knowledge **E**ngineering with **B**ayesian **N**etworks and **D**ecision **N**etworks

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ABNMS-09

November 26 & 27, 2009

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This work is part of a PhD Thesis (Monash University)
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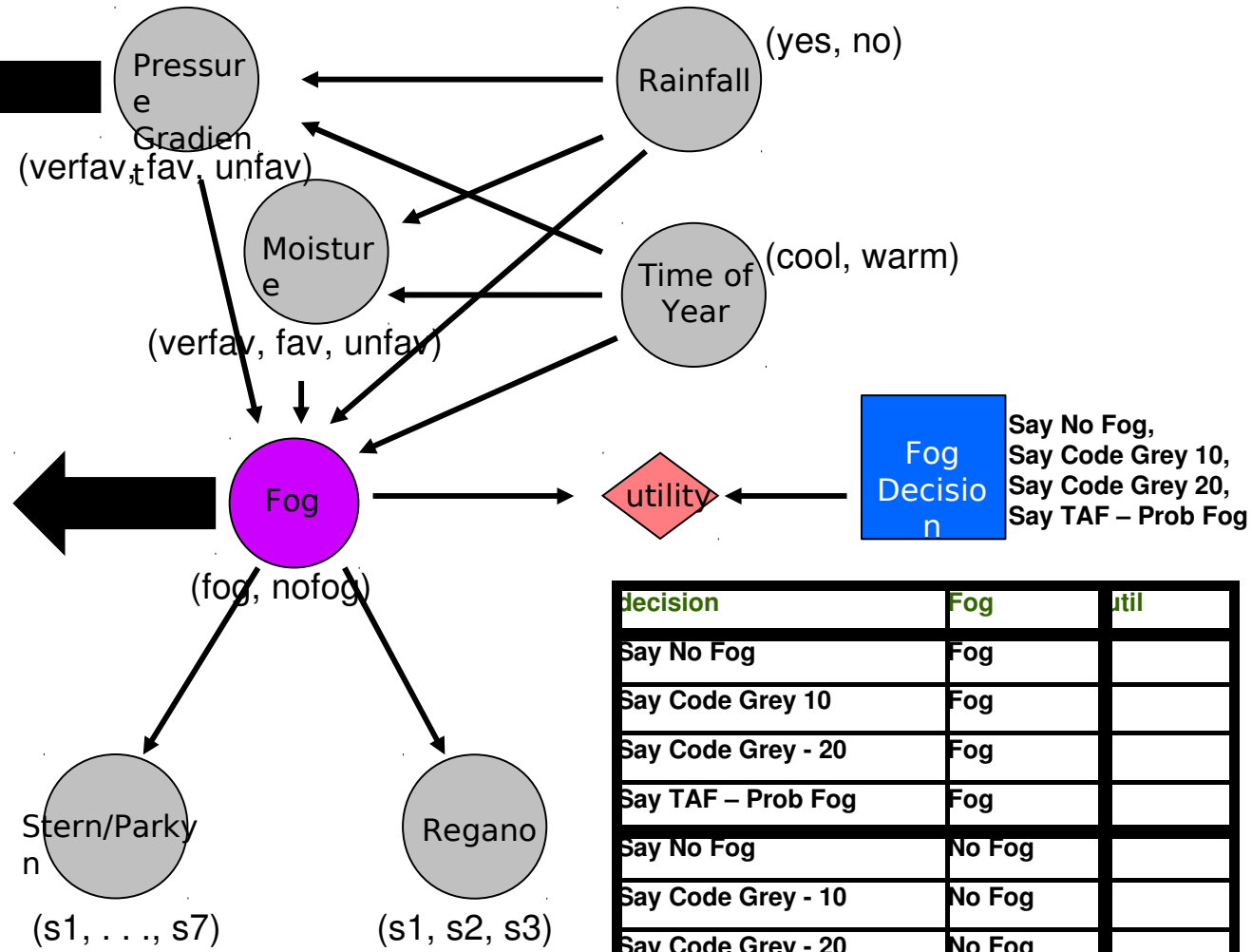
BDN

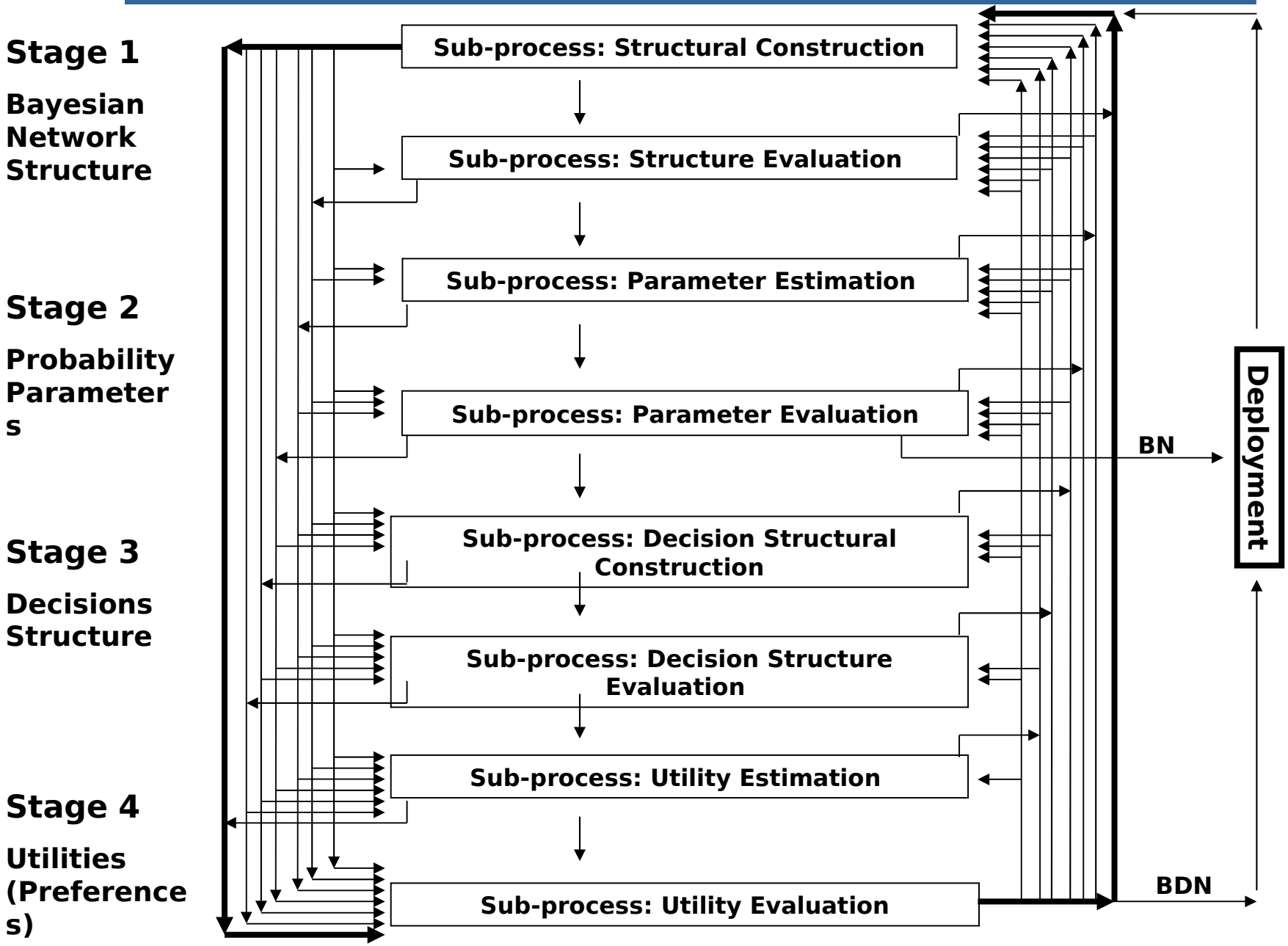
TY	R	vf	f	un
T	T			
T	F			
F	T			
F	F			

M	PG	R	TY		
vf	vf	y	c		
vf	vf	y	w		
vf	vf	n	c		
vf	vf	n	w		
vf	f	y	c		
vf	f	y	w		
vf	f	n	c		
vf	f	n	w		
●					
●					
●					

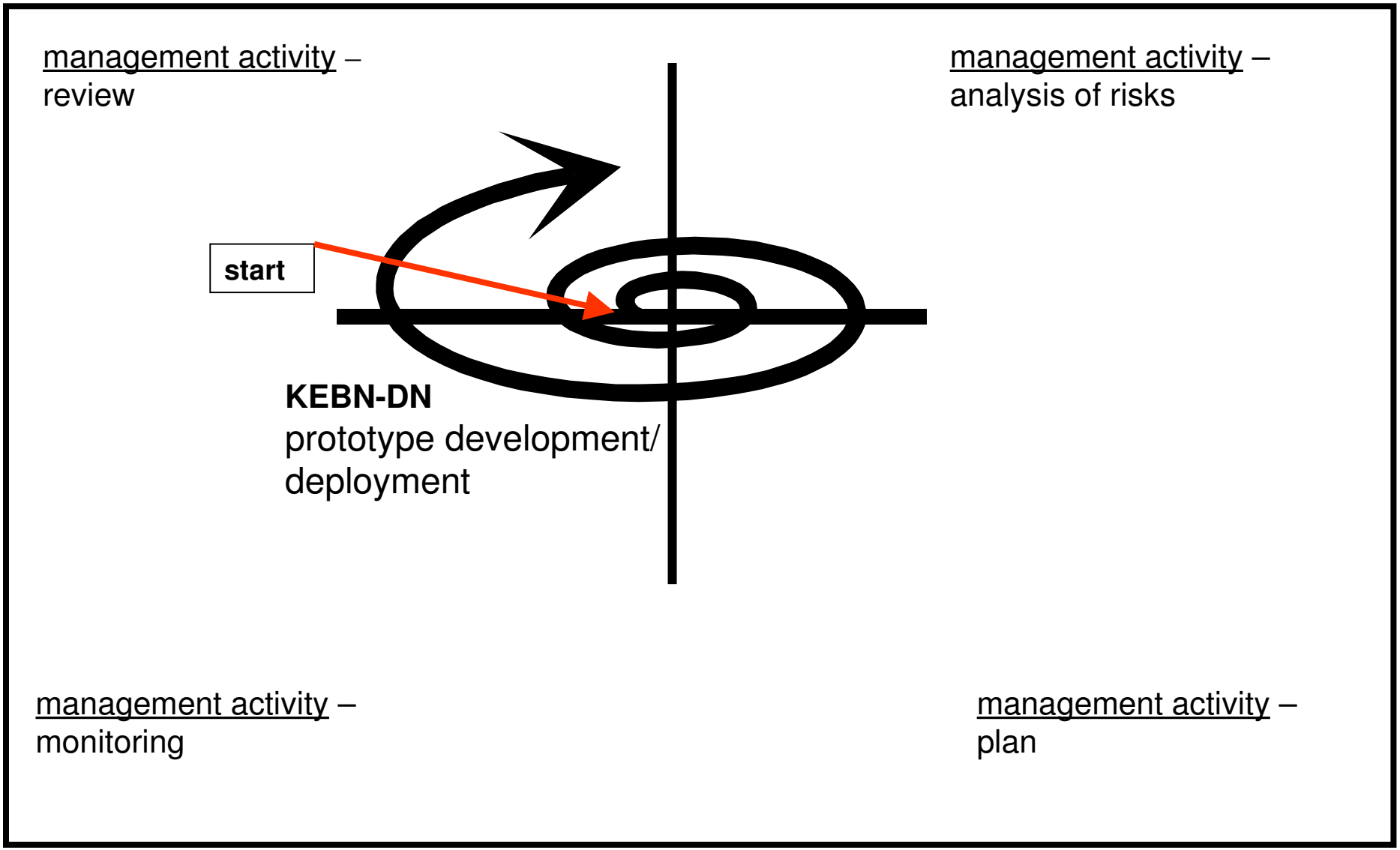


decision	Fog	util
Say No Fog	Fog	
Say Code Grey 10	Fog	
Say Code Grey - 20	Fog	
Say TAF – Prob Fog	Fog	
Say No Fog	No Fog	
Say Code Grey - 10	No Fog	
Say Code Grey - 20	No Fog	
Say TAF – Prob Fog	No Fog	

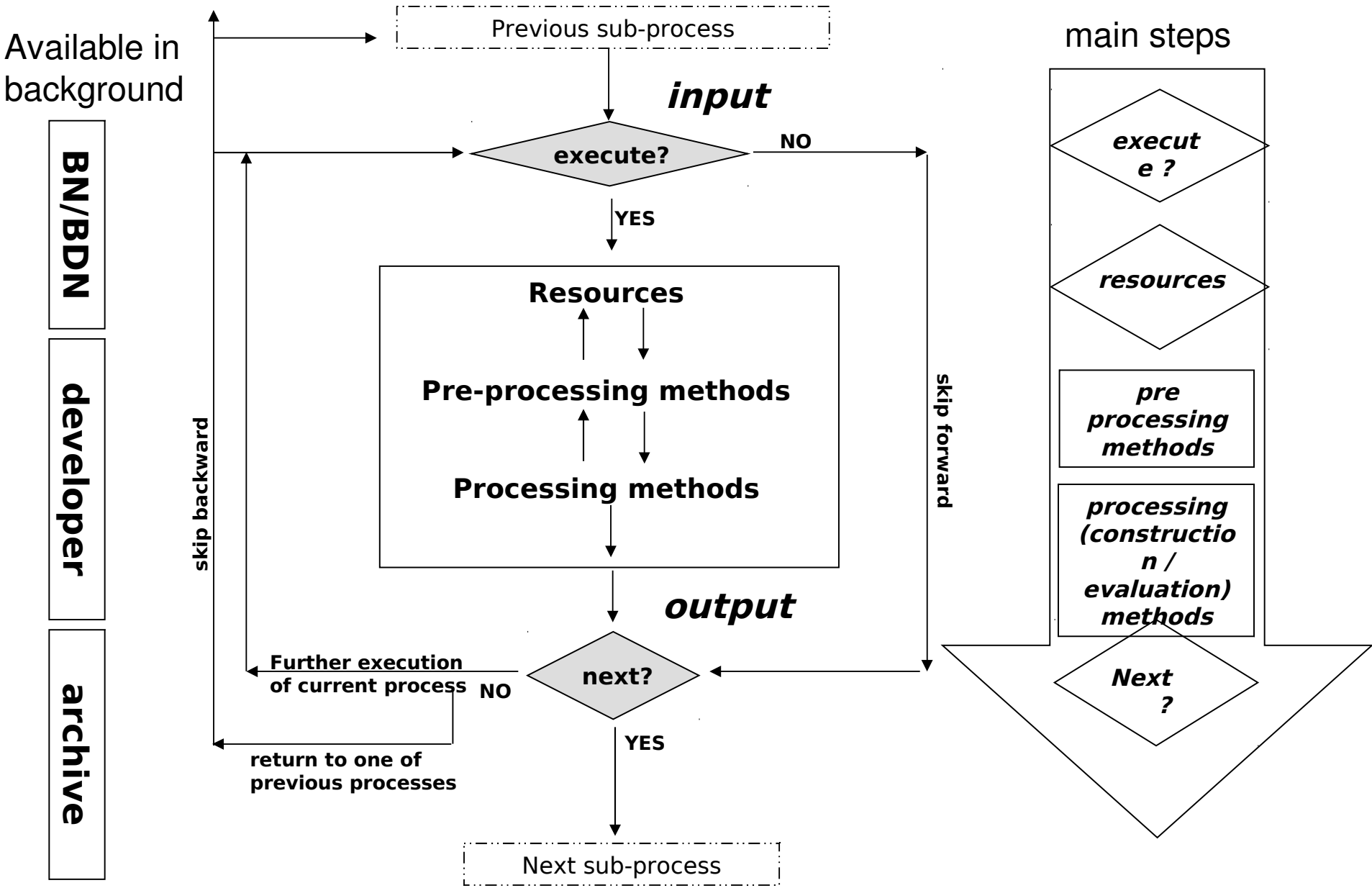
level 1 of abstraction: stages and sub-processes



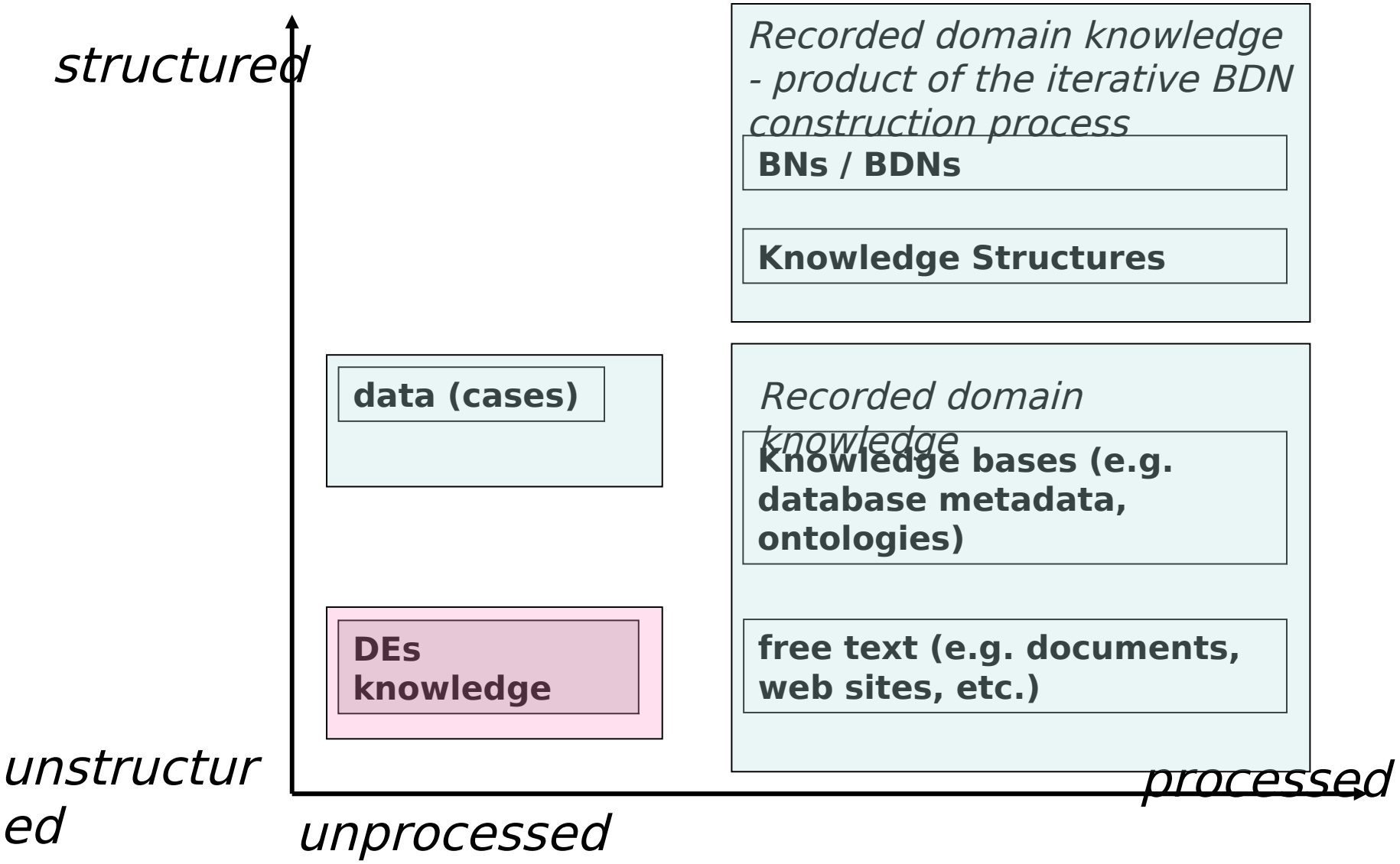
evolutionary prototyping within the spiral life cycle model



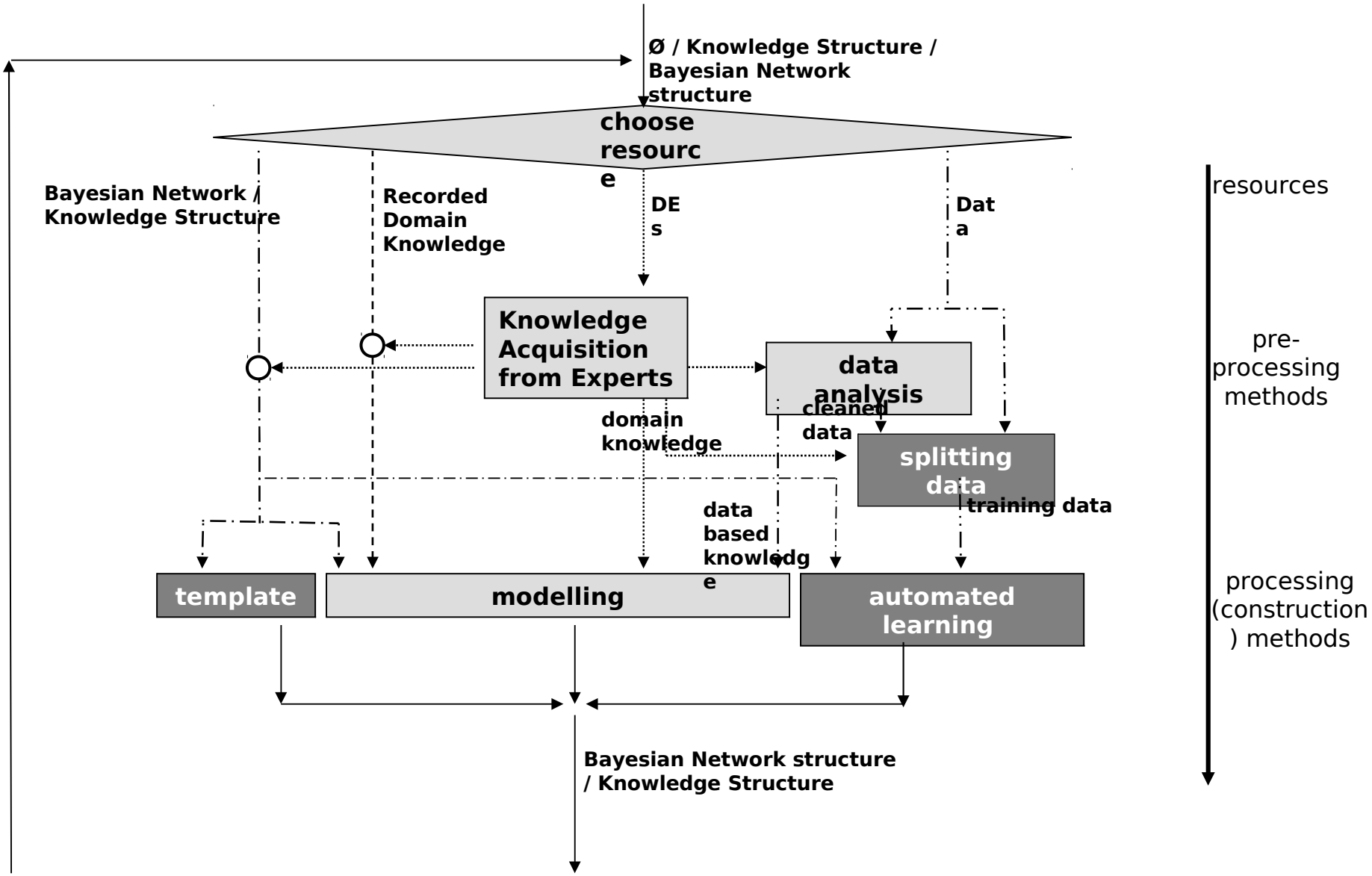
level 2 of abstraction: sub-process structure



types of resources



sub-process: structural construction



Conclusions

- We have developed a comprehensive methodology for the development of BDN to support and guide developers in the process
- This is a step towards a quality assurance of the development process and its product, the BDN. It is part of the BDN "accreditation"
- Automated tools to support the methodology and the development process need to be further developed