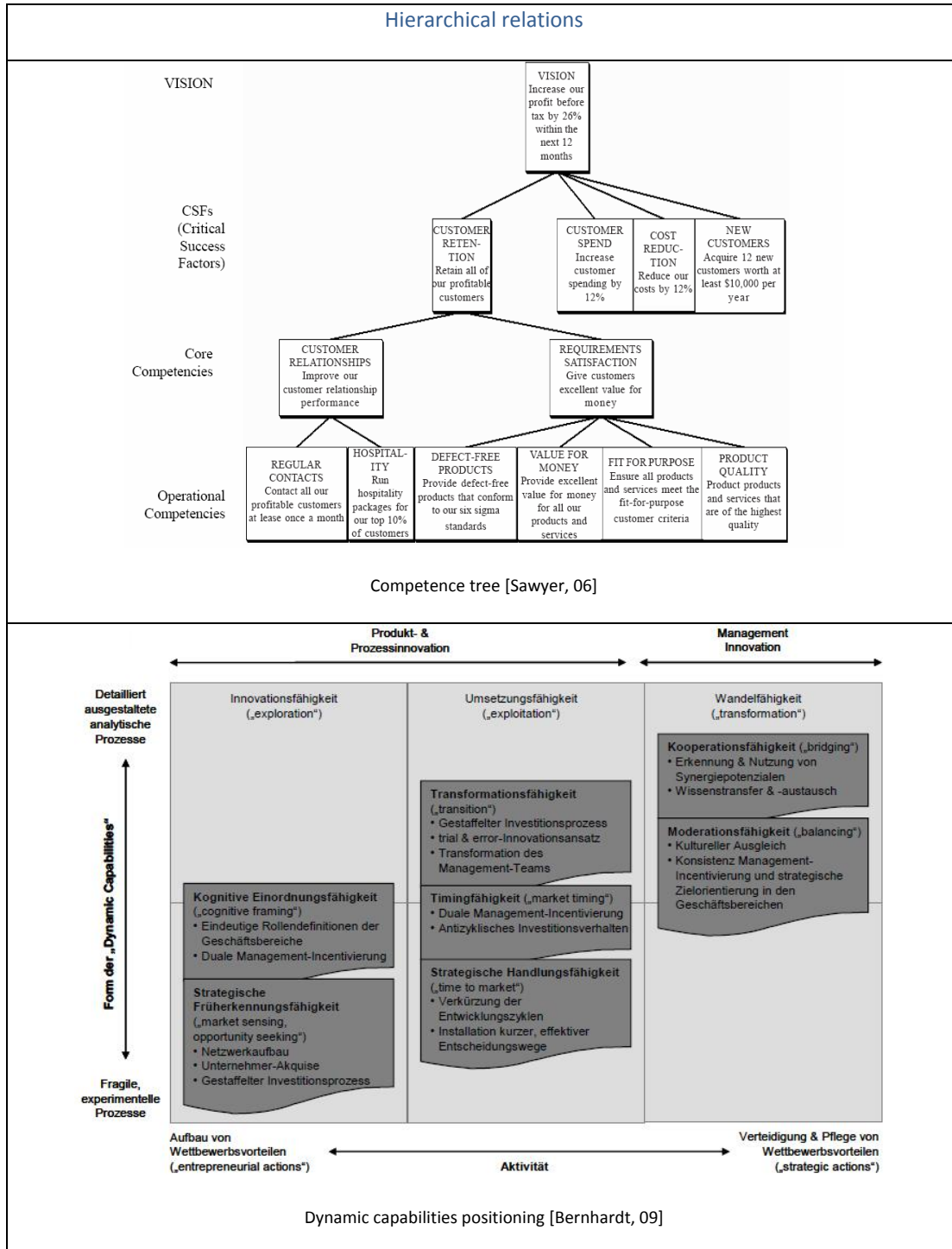
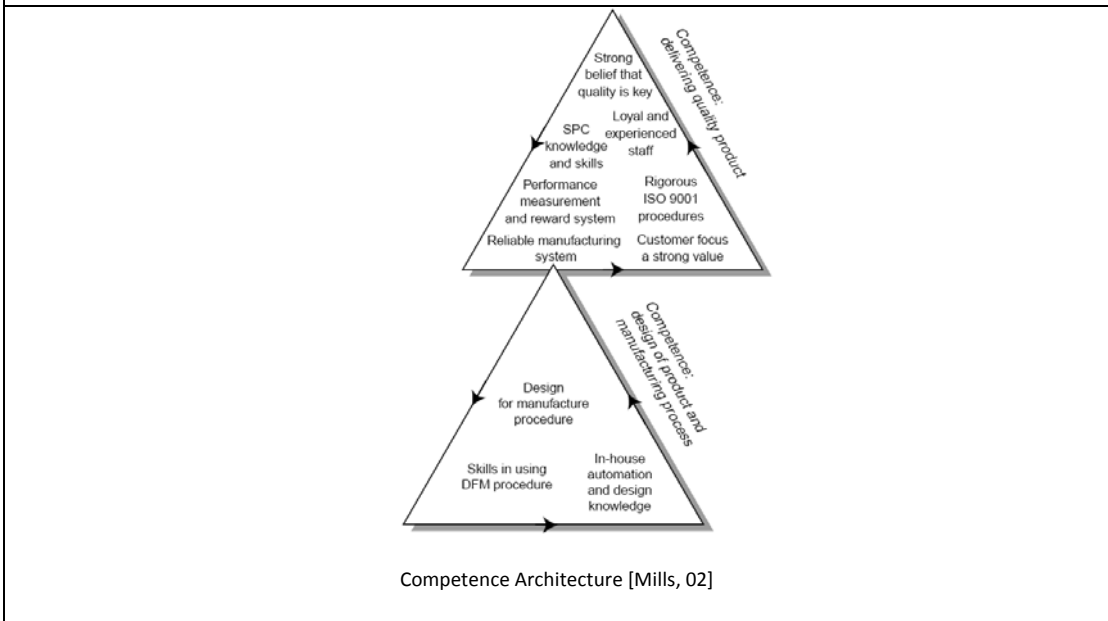
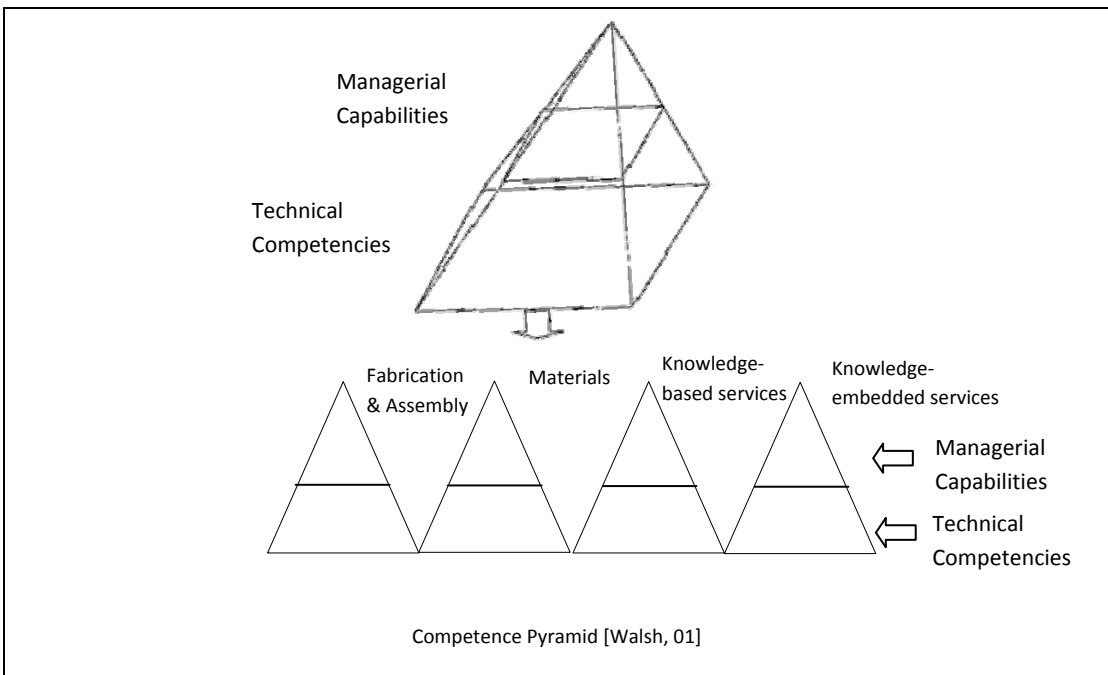


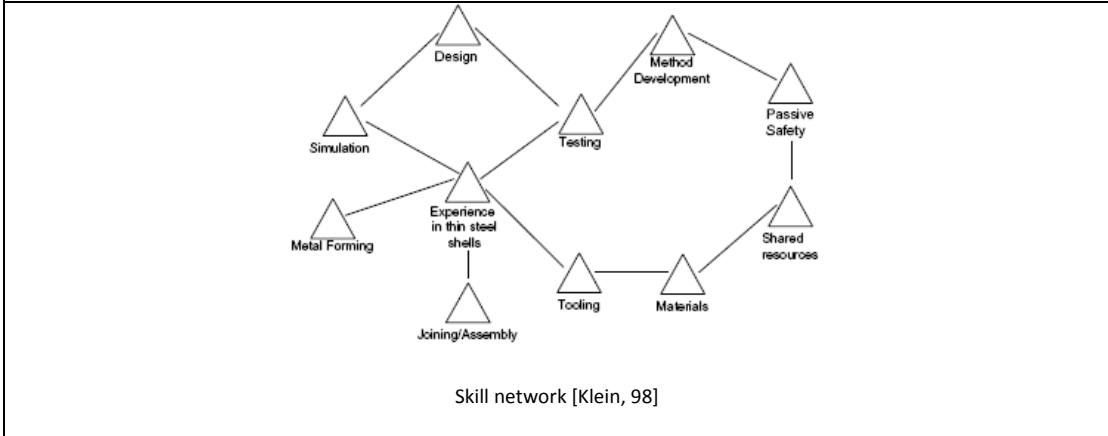
## Organizational Competence Visualizations

This document is a collection of visual frameworks designed to support competence identification, management, and communication. In order to compile this collection, we have screened four literature streams, namely strategic management, knowledge management, technology management, and alliance management. As reported below, the visual frameworks are classified according to the coordination mechanisms adopted to visually connect competences (i.e. hierarchical, supportive, temporal, matching relations).

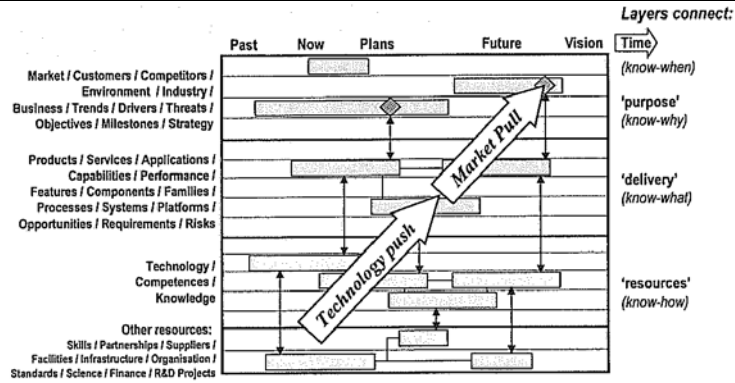




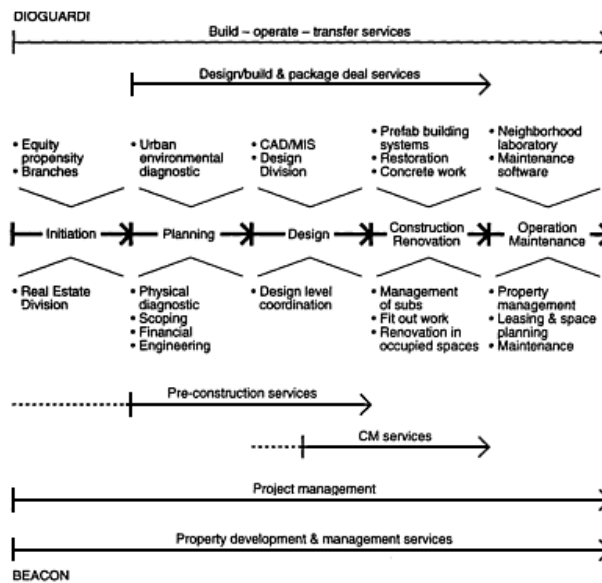
Supportive relations



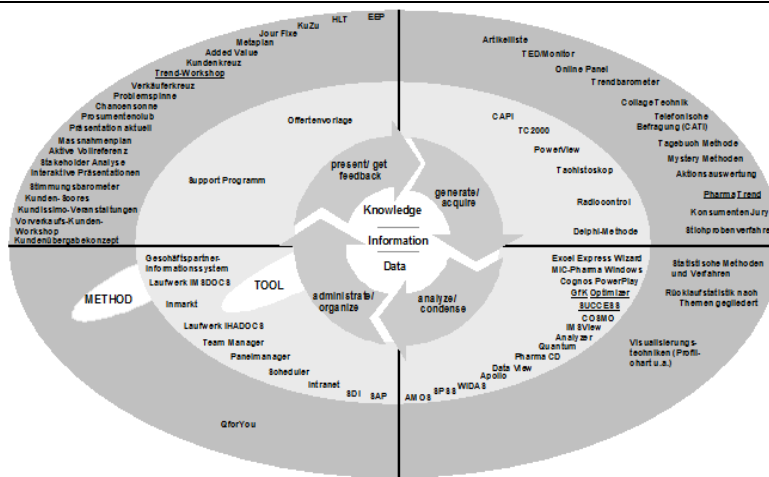
## Temporal relations (linear or cyclical)



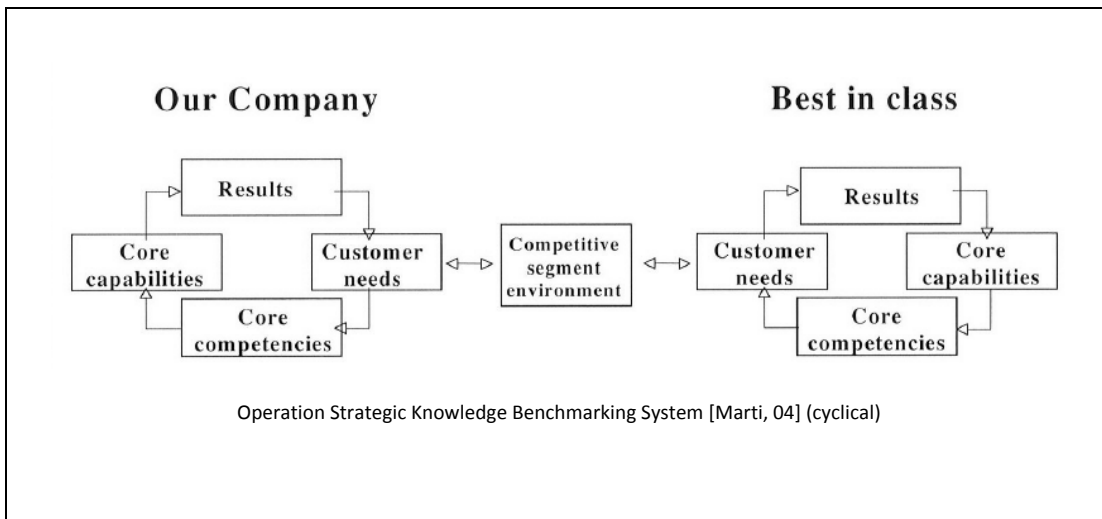
Technology Roadmap [Phaal, 03] (linear)



Complementary capability chain [Pietroforte, 96] (linear)



Knowledge map [Epler, 07] (cyclical)



Operation Strategic Knowledge Benchmarking System [Marti, 04] (cyclical)

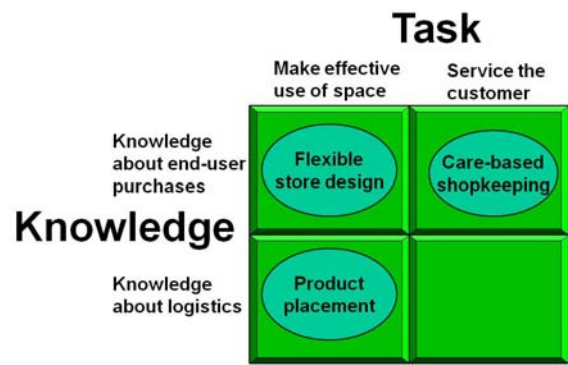
### Matching Relations

		<i>Premier plus 10</i>	<i>Mega-opportunities</i>
New	Core competence	What new core competencies will we need to build to protect and extend our franchise in current markets?	What new core competencies would we need to build to participate in the most exiting markets of the future?
Existing	Core competence	<i>Fill in the blanks</i> What is the opportunity to improve our position in existing markets by better leveraging our existing core competencies?	<i>White spaces</i> What new products or services could we create by creatively redeploying or recombining our current core competencies?
		Existing	New
		Market	

Core competence agenda [Torkkeli, 02]

HOME DEPOT'S STRATEGIC ASSETS & COMPETENCIES	Staff with knowledge and capability in their departments (e.g. roofing, floor covers, painting, etc.)	Home Depot staff members can demonstrate techniques and offer advice to its key demographic.		Real estate developers can provide settings for Home Depot staff to demonstrate wall papering, flooring, painting, etc.
	Network of large warehouse-style stores with space to promote Home Depot's partners	Home Depot can promote real estate developers in its stores, alleviating high promotional costs that developers usually face.		
	National brand recognition		Real estate developers can promote Home Depot to builders – a major target market for Home Depot	
		Customer base with strong interest in home improvement, home maintenance, yard work, etc.	Established relationships with builders	Availability of show homes and homes that are still under construction
RESIDENTIAL REAL ESTATE DEVELOPER'S STRATEGIC ASSETS & COMPETENCIES				

Opportunity framework [Muller, 02]



Competence matrix [Roos, 92]

## References

- [Bernhardt, 09] Bernhardt, V.: "Strategische Erneuerung von Medienunternehmen - Entwicklung dynamischer Fähigkeiten im Kontext radikalen Wandels"; PhD Thesis Dissertation, University of St. Gallen (2009).
- [Eppler, 07] Eppler, M., Burkhard, R.: "Visual representations in knowledge management"; *Journal of Knowledge Management*, 11, 4 (2007), 112-122.
- [Klein, 98] Klein, J., Gee, D., Jones, H.: "Analysing clusters of skills in R&D – core competencies, metaphors, visualization, and the role of IT"; *R&D Management*, 28, 1 (1998), 37-42.
- [Marti, 04] Marti, J.M.V.: "Strategic knowledge benchmarking system (SKBS): A knowledge-based strategic management information systems for firms"; *Journal of Knowledge Management*, 8, 6 (2004), 31-49.
- [Mills, 02] Mills, J., Platts, K., Bourne, M., Huw, R.: "Competing through competences". Cambridge University Press / Cambridge (2002).
- [Muller, 02] Muller, A., Välikangas, L.: "Extending the boundary of corporate innovation"; *Strategy and Leadership*, 30, 3 (2002), 4-9.
- [Phaal, 03] Phaal, R., Farrukh, C.J.P., Mills, J.F.: "Customizing the technology roadmapping approach"; *Proc. PICMET '03, Portland* (2003), 361-369.
- [Pietroforte, 96] Pietroforte, R.: "Building international construction alliances - Successful partnering for construction firms", Taylor & Francis (1996).
- [Roos, 92] Roos J., Von Krogh, G.: "Figuring out your competence configuration"; *European Management Journal*, 10, 4 (1992), 422-427.
- [Sawyer, 06] Sawyer, K., Gammack, J.: "Developing and analysing core competencies for alignment with strategy"; *International Journal of Knowledge Management*, 2, 1 (2006), 58-71.
- [Torkkeli, 02] Torkkeli, M., Tuominen, M.: "The contribution of technology selection to core competencies"; *International Journal of Production Economics*, 77, 3 (2002), 271-284.
- [Walsh, 01] Walsh, S.T., Linton, J.D.: "The competence pyramid: a framework for identifying and analyzing firm and industry competence"; *Technology Analysis & Strategic Management*, 13, 2 (2001), 165-177.