## Wissensorientierte Unternehmensführung

## General Ideas

- To achieve its goals, an organization must manage involvidge as a means of production

  Roovinging is key to develop unique products and service.

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  The ability to create, number and secure thorousleg in a global network will be a deciding factor for companies in the future service and secure the service and the service of the service of
- Knowledge that only be inesserted in an expanisation where knowledge is offered an shared
   People show what they know
   Others can see who knows what and contact them if needed

In extent to provide the increasing sourceage of an organization to return the strategic and operation of Intelligent Consider in Control and Provided Controlled Control and Provided Controlled Control and Provided Controlled Control and Provided Control a

The Digital-Knowledge-Society	The Knowled	ge-Stairs				Organizing ar				
Shifting demographics, the rise of digitization and globalization of competition lead to increasing importance of knowledge in companies		of Knowledge				A company need	s to balance t	nese con	ncepts:	
		External changes that create oppo					nd Renewal o			
only by obtaining it		Where and how the organization Current and future customer nee		npete and grow.					hanges and what not	
		How products and services create		on and value.		Collaborat     If collaborat	ion and Comp	etition:	: ner value and competiti	veness it is to seed
Core Questions for companies	Processes:	How work is done to ensure effici	ency, quality,	and improvement.		Otherwise	competition i	better.	raiue aiid competiti	wantess, it is to pref
How important is knowledge for us? What are our goals around knowledge?	Technologies:	Which technologies and methods	must be mas	stered and developed.		The 4 Dimen:	sions of ore	anizat	ions	
what are out goas adonts atmosphere? What knowledge do we have/need? How do we handle knowledge as a resource?	Organization:	How structures, culture, and man	agement ena	ble long term competitiveness.		Companie	s mostly lag th	e 4th di	mension of knowledge	
How do we handle knowledge as a resource? How do we build the company around the knowledge?						Hierarchy/ Fun	ction: Putting	people	with different d skills together in	
	Knowledge S	tairs					an org	rage and anizatio	n.	
		wledge in companies				Processes:	Bunde	ling kno	wledge towards	
	The goal is to me	ove towards competitiveness.				Projects:		ner valu	e. viedee to solve	
	Strategic B	Inowledge-Management = planni	ng from comp	etitiveness backwards towards signs	s (moving down the stairs)	Projects:	proble	ms tow	ards a project goal	
	Operation	al Knowledge-Management = pla	nning from ba	asic signs towards competitiveness (r	moving up the stairs)	Knowledge:	Creati	g cross	functional ough building a	
	1. Signs:	Individual symbols witho	at inherent m	neaning such as letters or numbers.			unified	tage tnr Hanguaj	ge.	
	2. Data:	Ordered signs following r								
	3. Information:	Data placed in a meaning				The Entrepre				
	4. Knowledge: 5. Action:	Purposeful linking of info Application of knowledge						is on its	market value	
	6. Competence:					• It consists		aurr Cr	paches and Managers)	
	7. Competitiver			ore competences applied consistent	tly.	- 3 Pri	ocesses (Entre	preneur	rial, Integration and Rer	iewal)
							Entrepreneu			
	The goals of KM	in different areas of the company					process	riai	Integration process	Renewal proces
	Strategy:		Embed kno	wledge and learning as core elemen	nts of corporate strategy.	Entrepreneurs at the front		ursue	Share knowledge and	Maintain energy
	Leadership:		Actively co	nnect knowledge, learning, and perf		at the front	opportunitie Initiate and	s. Irive	resources through collaboration.	engagement fro the bottom up.
	Collaboration a	and Naturarket	leadership	practices. ective internal and external collabora	ation aligned with	I	new ideas.			
			organizatio	inal goals.		Coaches (senior level)	Evaluate, de and support	velop,	Connect and integrate knowledge and	organizational
	Knowledge Tra	nsfer and Competence	Systematic	ally develop, evaluate, and transfer	employee competences.	,	initiatives.		resources across units	flexibility.
	Development: Information an	d Knowledge Acquisition and	Ensure rt-	actured, accessible, and reliable info	rmation and knowledge	Top management	Define strate goals, priorit	gic ies	Develop and anchor shared values.	Balance short to results with long
	Retention:	where exquisition and	availability			gement	and guiding	rision.		term ambition.
	SEICI Model 1	for Knowledge Creation				U				
	(See The Knowle	dge Creating Company)				Hypertext Or (see the Knowles	gariizations dge Creating C	ompany	n	
						= a non-hierarch	ical structure	or self-	organized knowledge cr	reation
		e implicit and explicit erbal, intuitive knowledge				3 levels:				
		mented, sharable knowledge				Business system	n level Run	the day	y to day operational but nd stability.	siness and ensure
						Project team le			nd stability. knowledge through cre	
	Four Modes of R	nowledge Conversion:				r roject team it		porary	project teams.	223 Turictional,
	Socialization			Externalization		Knowledge bas	e level Rec	ontextu	alize and make created organization.	knowledge availa
	= Conversion Fr	om Tacit to Tacit		= Conversion From Tacit to Explicit			acre	ns trie t	organization.	
	How to:			How to:						
	Brainston	ming Camps: Meetings or discussi	on groups	Articulating tacit knowledge	to explicit concepts					
	with clea • Engage w	r problems to discuss. rith tacit knowledge through obse	vation.	Using Shapes, Metaphores, A Hypotheses and Models	Analogies, Concepts,					
	imitation	and practice.		n						
				It sparks creativity						
	Benefits: • Shared ex	speriences and enhancing trust be	tween	It gives common understand interpretation	ing while leaving leeway for					
	participa	nts.		Helps creating concepts						
	Reorients individuals to the same direction.  Example:									
	Example:  • A group tasked, with developing a bread baking  • A group tasked, with developing a bread baking  *Automobile Evolution" to direct the developmen									
	- A group t machine	asked, with developing a bread ba engaged with learning baking in a	bakery.	their cars.						
	They asked "If the automobile was an o would it evolve into?"									
	Don't: Criticize without constructive suggestions.									
				Tips: • Formulate corporate slogans	like "man maximum,					
				machine minimum" to create communicate complex vision	e common direction and					
	Internalization			Combination						
		om Explicit to Tacit		= Conversion from Explicit to Explic	:it					
				Hour to:						
	How to:			100 to.						
	How to: • Documer	itation of concepts in diagrams, di	cuments	Revisit existing explicit know	reage like documents, notes					
	Documer	station of concepts in diagrams, di uals for people to "re-experience"	ocuments	Revisit existing explicit know and other saved media     Create new knowledge through	ueh sorting, adding					
	Documer and mani  Benefits:	uals for people to "re-experience"		Revisit existing explicit know and other saved media     Create new knowledge throu combining and categorizing.	ugh sorting, adding,					
	Documer and mans     Benefits:     Enables p	station of concepts in diagrams, di sals for people to "re-experience" seople to "re-experience" of other		Create new knowledge throu combining and categorizing.  Benefits:	agh sorting, adding,					
	Documer and mani Benefits:     Enables p  Example:	uals for people to "re-experience" seople to "re-experience" of other	5	Create new knowledge throu combining and categorizing.  Benefits:     Creation of new concepts will	agh sorting, adding,					
	Documer and mani Benefits:     Enables p  Example:     GE files e     makes it:	uals for people to "re-experience"	s base and	Create new knowledge through combining and categorizing.  Benefits:     Creation of new concepts will information	agh sorting, adding,					
	Documer and mani Benefits:     Enables p  Example:     GE files e	uals for people to "re-experience" recople to "re-experience" of other	s base and	Create new knowledge throw combining and categorizing.  Benefits:     Creation of new concepts with information  Example:     Categorizing Customer Information  Categorizing Customer Inf	agh sorting, adding,					
	Documer and mani Benefits:     Enables p  Example:     GE files e makes it:     from  Tips:	uals for people to "re-experience" recopie to "re-experience" of other very customer complaint in a data available for all employees to revi	s base and it and learn	Create new knowledge through combining and categorizing.  Benefits:     Creation of new concepts will information	agh sorting, adding,					
	Documer and mani Benefits:     Enables p  Example:     GE files e makes it:     from  Tips:	uals for people to "re-experience" recople to "re-experience" of other	s base and it and learn	Create new knowledge throucombining and categorizing.  Benefits:     Creation of new concepts will information  Example:     Categorizing Customer Inforfurther personalize a service	agh sorting, adding, thout need to gather more					
	Documer and mani Benefits:     Enables p  Example:     GE files e makes it:     from  Tips:	uals for people to "re-experience" recopie to "re-experience" of other very customer complaint in a data available for all employees to revi	s base and it and learn	Create new knowledge throucombining and categorizing.  Benefits:     Creation of new concepts will information  Example:     Categorizing Customer Inforfurther personalize a service	agh sorting, adding, thout need to gather more					
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	Documer and man Benefits:	aals for people to "re-experience" eeople to "re-experience" of other very customer complaint in a data was able for all employees to revi tatalon is the key part of internaliz	s base and cit and learn ation	Create new knowledge throcombining and categorising.  Benefits:     Creation of new concepts with information  Example:     Categorising Gustomer inforturber personalize a service  Tips:     Naturally gather information revival	agh sorting, adding, thout need to gather more					
	Documer and man Benefits:	ash for people to "re-experience" eople to "re-experience" of other very customer complaint in a data waslable for all employees to revi station is the key part of internalization in the Knowledge with competiti	s base and cit and learn ation	Create new knowledge throcombining and categorising.  Benefits:     Creation of new concepts with information  Example:     Categorising Gustomer inforturber personalize a service  Tips:     Naturally gather information revival	agh sorting, adding, thout need to gather more					
	Documer and main Benefits:	ask for people to "re-experience" ecople to "re-experience" of other very customer complaint in a data variable for all employees to revi tatation is the key part of internaliz knowledge with competition knowledge with competition compared to the competition compared to the competition	s base and cit and learn ation	Create new knowledge throcombining and categorising.  Benefits:     Creation of new concepts with information  Example:     Categorising Gustomer inforturber personalize a service  Tips:     Naturally gather information revival	agh sorting, adding, thout need to gather more					
	Documer and man Benefits:     Enables p     Example:     Gf files e makes it from  Tips:     Documer  4 Criteria for  1. Creating va. 2. Being scan. 3. Being hard.	aals for people to "re-experience" ecople to "re-experience" of other very customer complaint in a data was a fact of the condition of the customer are comparate to the competition to initiate.	s base and cit and learn ation	Create new knowledge throcombining and categorising.  Benefits:     Creation of new concepts with information  Example:     Categorising Gustomer inforturber personalize a service  Tips:     Naturally gather information revival	agh sorting, adding, thout need to gather more					
	Documer and man Benefits:     Enables p     Example:     Gf files e makes it from  Tips:     Documer  4 Criteria for  1. Creating va. 2. Being scan. 3. Being hard.	ask for people to "re-experience" ecople to "re-experience" of other very customer complaint in a data variable for all employees to revi tatation is the key part of internaliz knowledge with competition knowledge with competition compared to the competition compared to the competition	s base and cit and learn ation	Create new knowledge throcombining and categorising.  Benefits:     Creation of new concepts with information  Example:     Categorising Gustomer inforturber personalize a service  Tips:     Naturally gather information revival	agh sorting, adding, thout need to gather more					
he human side of knowledge	Obcumer and man. Benefits:	aals for people to "re-experience" ecople to "re-experience" of other very customer complaint in a data was a fact of the condition of the customer are comparate to the competition to initiate.	base and lit and learn ation	Create new knowledge throcombining and categorising.  Benefits:     Creation of new concepts with information  Example:     Categorising Gustomer inforturber personalize a service  Tips:     Naturally gather information revival	agh sorting, adding, thout need to gather more				uring Knowledge	

		·		'				
The human	side of knowledge	•	Creating an sh	aring Knowledge	Measuring and securin	g Knowledge	Implementing Knowledge man	agement
5 Strategies for Step forward Step up Step in Step aside	ork through smart system r Augmentation  Designing and advan  Delegating routine to  Supervising and train  Leveraging human er	erms  cing intelligent systems such as to intelligent systems ing intelligent systems ing intelligent systems intelligent systems monitorial and social intelligence non-automatable niches	Know-Why     Know-Wha  Push and Pull  Push system Kr Er  Pull system Er	operative goals for abilities in process norms on values and behavior strategic goals	Vision, Strategy and Ac     Processes are built to s     The success is measure     "intangible" knowledge  Balanced Scorecard	d by financial means though the success of the business ctions are defined support the human, structure and relationship capital of the company of and the actions are adapted to improve the processes and the	Implementating antionweaper and interference of the control of the	
Knowledge pr	ngineers and	Execute professional tasks and continuously build domain specific expertise.  Bundle practitioner knowledge and translate market needs into customer solutions.	]	saming and Documentation  d Work's shared openly-while it is still in progress.  Work's communicate and kind, proplems, and insights regularly. Feedback its reconstruction of the communication of th	Customer     Financial     Internal Process     Learning and Gro	es	Components of the implem	entation and the tools used in each
	nd context designers	Identify market opportunities and create knowledge enabling conditions and direction.  Develop, manage, and improve information and communication	After Action	reculack is represent early.  Learning happens continuously during work.  Relationships and trust are built through visibility and reciprocity.  A structured reflection after an activity or project.	Measures to protect kr	nowledge	Knowledge strategy	Strategic knowledge analysis or knowledge balance. Identification and communication of core competences.
infrastructure Support staff	e managers	infrastructure.  Provide operational support and shape the organization's image toward customers.	Review	The team clarifies what was planned, what actually happened, why it happened, and what can be improved.  Reflection is factual and non judgmental.  Results are translated into concrete improvements for future actions.	Motivation	Show that the organization values the expert's knowledge and actively supports its transfer.		Competence centers for key topics.  Personnel development aligned with core competences and knowledge goals.
(see The knowl	down-Managemen ledge Creating Compan agers play the central re	nt	Lessons Learned	Experiences are reflected using five guidling questions:  What went well?  What should be pointed out?  What went badiy?	Recognition Integration into work groups	Reward successful knowledge transfer through recognition, incentives, or target agreements. Embed experienced employees into teams so knowledge is shared through daily work.	Learning and competence development	Skill and competence management. Identification and integration of key experts. Communities of practice and peer learning. Learning in and from projects through debriefings and lessons learned. Lived error culture. Idea management and continuous improvement.
Middle m     Front line     Middle m	nadership defines a vision managers translate it int e employees implemen managers <b>translate and</b> d the knowledge towar	to concrete concepts, narratives, and solutions. It the concepts. Integrate		*Now was the cooperation?     *What was missing?  Each participant reflects individually first.     Answers are shared in the group. All perspectives are documented.	Pull principle  From leadership to advisory role	Ensure successors actively acquire and process the knowledge they need themselves.  Do not put the burden of documentation only on the expert.  Gradually skiller experts from leadership roles to advisory and mentoring roles.	Knowledge oriented culture and leadership	Working Out Load and Informate shape formats.  Cross level dialogue such as skip level meetings.  Integration of knowledge sharing into performance reviews.  Job rotation and team based work.  Dedicated time for knowledge exchange.
Comparison of	f management approac	hes:		Results lead to concrete improvements or actions.	Future orientation	Focus on knowledge needed for future tasks, not only past activities.	Knowledge identification	Yellow Pages and employee profiles.
Approach Top down	Main driver C	Core logic Strategy and instructions flow from leadership to employees.		es für structured knowledge transfer	Integration into business processes	Anchor knowledge transfer directly in ongoing operational workflows.		Structured onboarding concepts.  Knowledge transfer in transition situations using transfer stories, knowledge relay, and debriefing.
Bottom up Middle up down	employees Middle	deas emerge from practice and move upward organically.  //sion comes from the top, knowledge from the bottom, integration nappens in the middle.	1. The need for 2. Transfer-ex The expert	ander knowledge to new employees knowledge is kleenffled and visualized in a mind map knowledge is kleenffled and visualized in a mind map nd the studenter employees talk organically about the topic. ons should be asked. The expert tells a story of his experience.			Information availability	Role based information structures. Pull oriented access to information. Pull distribution of selected information. inframer rebunch and decentralized data concepts. Document management systems. Wikis and blogs.

onditions of effective Lead	dership for Knowledge Workers	Key elements of the sto	ory are written down and visualized. te is structured into a documentation.	
They know what is expected     They have the tools to do the	of them		e is structured into a documentation. th Documents and Hyperlinks	
They have the tools to do the     They can do what they do be		4. The knowledge is perfor	rmed by the inexperienced employees in a safe environment	
4. They feel recognized and vali	ued	5. Transfer-Workshop:	nted and taught to others with QnA session	
5. They feel supported and eno	ouraged to learn	6. Trained Employees are i	nted and taught to others with QnA session regularly interviewed on how they perform and of the quality of their traini	16
trategies for personal info	rmation management			
Regularly sort out unimporta     Reduce the amount of regular	ant information and delete it			
Save information where you	can find it when needed			
Define clear limits of what is		Knowledge Circle = Creation of Knowledge follor	ows these stens in a circle	
Don't try to know everything	g and practice resilience	1		
ompetence Management		Determine the needed in     Assessing existing known		
		Obtaining necessary know	owledge	
• 3 Areas of Competencies :	In	Making knowledge acce	essible	
Professional competence:	IT knowledge, customer process understanding, and operation of	Maintaining the knowle	rage	
	information systems.	Determine the needed know	wledge • Create a strategy for the organization	¬
Method competence:	Methods for communication, project execution, process organization,		Derive knowledge goals with relevance to the market	
	and quality management.	Assessing existing knowledg		7
Social and personal competence:	Personal and interpersonal abilities communication, conflict handling, adaptability, and customer		processes and relationships between experts  • Visualizing knowledge in knowledge wheels or knowledge matrice	.
competence:	orientation.	Obtaining necessary knowle		-
		Cocanning necessary knowle	Team learning, workshops, e-learning	
<ul> <li>Steps to manage competeno</li> <li>Define objectives:</li> </ul>	e:		Lessons learned to document obtained knowledge	
1. Define objectives: Decide whether to defi	ine target competencies or assess existing ones.	Making knowledge accessible		
2. Set the scope:			Systematic training of employees     Mixing Push- and Pull strategies	
Choose key employee g 3. Ensure governance:	groups or roll out company wide.		Structured databases and platforms to distribute information	
Inform employee repre	esentatives and define data protection rules.	Maintaining the knowledge	Strategy to update and maintain knowledge	
4. Build the competency	catalog: ss by roles, processes, and technologies.		<ul> <li>Systematic usage of patents and intellectual property to protect knowledge</li> </ul>	
5. Define target profiles:			1	_
Create role based targe		Conditions that enable	knowledge creation	
<ol> <li>Assess current profiles</li> <li>Employees self-assess t</li> </ol>	their own competencies.			
7. Provide IT support:			defines what knowledge to build and guides managerial action.	
			we freedom to act creatively within defined boundaries.	
Use a system to store and process competency data.  8. Visualize competencies: Compare target and current profiles using a competency wheel or competency matrix			ces are continuously questioned and rethought.	
<ol><li>Maintain and update:</li></ol>		Redundancy More informat	tion is available than required for daily operations.	
Regularly update profile	les and improve the catalog.			
centives for Employees to share knowledge Knowledge Knowledge Market				
etrinsic				
Money through salary, bonu	uses and Stock Options	Framework conditions Kn	owledge is anchored in values, leadership behavior, roles, competencies, an	d incentive systems
<ul> <li>Security through pensions an</li> </ul>	nd credits		at reward cooperation and overall success.	
Status through symbols and it	recognition		knowledge market is created with clear actors, measurable goals, and rules id demand of knowledge.	sat parance supply
itrinsic:		Instruments and Kn	owledge management is embedded in daily work through processes, organi	zational structures,
Social contact through share     Deformance through fourthings	ed activities and communities ack, recognition, and constructive criticism	processes me	edia, and IT infrastructure.	
<ul> <li>Self-realization through auto</li> </ul>	nomy and participation		ts knowledge like a market.	
. Learning through challenging	g tasks	The Wissensmarkt treat     Values define the playing		
Career growth through advan     Broader roles through inh ro	ncement station, job enlargement, and job enrichment	People act as suppliers a	and users of knowledge.	
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	A platform shows, who	offers what knowledge ke knowledge usable in practice	
		• Processes and tools man	ke knowledge dsable in practice	
		How a Knowledge-Mari		
			ket works: sts are written on cards.	
		2. Cards are placed of	on offer and search boards.	
		3. Topics are groupe	ed and reviewed. directly with providers.	
		5. Small group discu	issions clarify solutions.	
		6. Unanswered ques	stions are collected centrally.	
			mented and shared digitally.	
		9. Follow up actions		
		APQC Andersen Framev	work	
		American Productivity a	and Quality Center (APQC)	
		System for benchmarking	ng knowledge management	

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