

Identify your change strategies

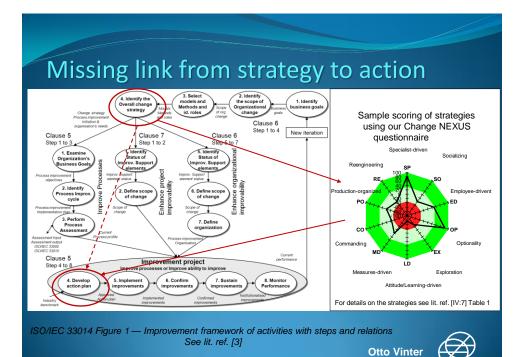
ISO/IEC 33014 identifies ten overall change strategies:

- Attitude-driven (Learning-driven)
- Commanding
- Employee-driven
- Exploration
- Measures-driven
- Optionality
- Production-organized
- Reengineering
- Socializing
- Specialist-driven

See lit. ref. [I: 84], [IV: 6] Table 1 for definition and examples

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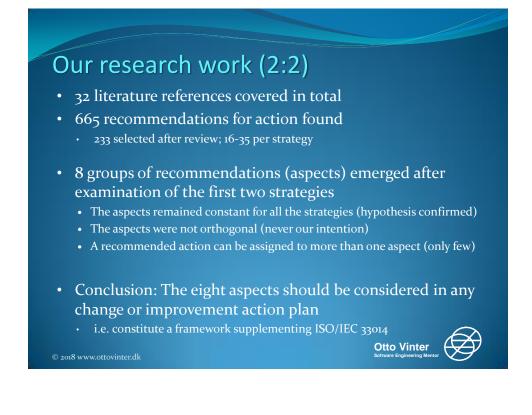


Our research work (1:2)

- From the change literature referenced in ISO/IEC 33014 we extracted recommendations for action characteristic to the overall strategies
- We supplemented our review with other relevant change literature
- We modified the original statements in the texts <u>only</u> to make them imperative, e.g:

Original formulation	Reformulation
"Leadership of change	"Ensure that leadership of
belongs to one small group	the change belongs to one
of people, typically located	small group of people,
at the top of the formal	typically located at the top of
hierarchy"	the formal hierarchy"
Lit. ref. [7: 605]	Applicable strategy:
	Production-organized
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The eight aspects to be considered in an action plan



Communication

Competences and Training

Culture

Decision-making

Knowledge acquisition

Methods and Techniques

Organizing

Processes and Plans

See lit. ref. [II: 148] Table 1 for definition and examples Otto Vinter





See lit. ref. [II: 150-154] for full definitions

Commonality of aspects in ISO strategies						
Asp	ect	Most common in ISO strategies	Least common in ISO strategies			
Com	nmunication	Commanding Reengineering	Employee-driven Exploration			
Com train	npetences and ning	Attitude-driven	Commanding Specialist-driven			
Cult	ure	Attitude-driven	Commanding Reengineering			
Deci	ision-making	(no specific)	(no specific)			
The second se	wledge- iisition	Specialist-driven	Commanding Optionality			
	hods and niques	Socializing	(no specific)			
Orga	anizing	Exploration	(no specific)			
Proc plan	cesses and Is	Production-organized Reengineering	Employee-driven Socializing			
© 2018 www.ot	ttovinter.dk	See lit. ref. [II: 150-154] for details	Otto Vinter Software Engineering Mentor			

How we intend the aspects to be used in practice

- 1. Find the set of overall strategies applicable to your context
- 2. Select / Design a set of recommendations for action that fit each of the strategies
- 3. Contextualize and merge the recommendations into a plan for action
- 4. Check that all eight aspects are covered sufficiently, and amend your plan as needed







Another perspective on the use of the aspects

- The aspects could also serve as a framework for understanding and characterizing existing and new literature on change management
- Analyzing and evaluating the contribution in terms of the eight aspects could provide you with an understanding of:
 - what is the focus of the authors?
 - which aspects are not covered by the authors?
 - how should we compensate for aspects not covered?



SPI Manifesto values	SPI Manifesto principles	Related aspects
People	1. Know the culture and focus on needs	Culture, Knowledge acquisition
	2. Motivate all people involved	Culture
	3. Base improvement on experience and measurements	Competences and training, Culture
	4. Create a learning organization	Culture, Competences and training
Business	5. Support the organization's vision and objectives	Methods and techniques, Processes and plans
	6. Use dynamic and adaptable models as needed	Methods and techniques, Knowledge acquisition
	7. Apply risk management	Methods and techniques
Change	8. Manage the organizational change in your improvement effort	Processes and plans, Methods and techniques
	9. Ensure all parties understand and agree on process	Communication
	10. Do not lose focus	Methods and techniques, Processes and plans

Comparison of recommendations per aspect to the SPI Manifesto

		Reviewed		SPI Manifesto	
		Literature		See lit. ref. [III]	
	Methods & techniques	27.2 %		42.1 %	
	Organizing	14.6 %	>>	2.6 %	
	Culture	12.9 %		10.5 %	
	Decision-making	11.1 %	>>	2.6 %	
	Competences & training	10.5 %		13.2 %	
	Processes and plans	9.4 %		10.5 %	
	Communication	9.1 %		13.2 %	
	Knowledge acquisition	5.3 %		5.3 %	

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