

Norwegian-Ukrainian Chamber of Commerce Oslo, 23.08.2018

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www.nord.no



2009-2011

2011-2014

2014-2017

2018



High North Center for Business and Governance, Nord University Business School

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Cooperation and research



NUPSEE
NUPRE
COSO internal control

Kiev National University

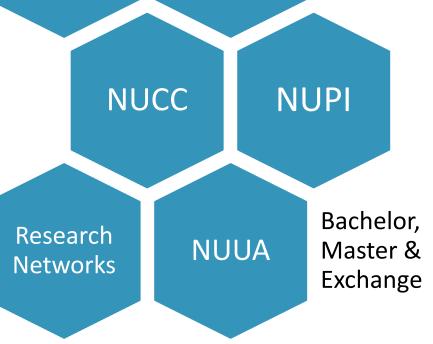
IFSA

Re-training and social adaptation





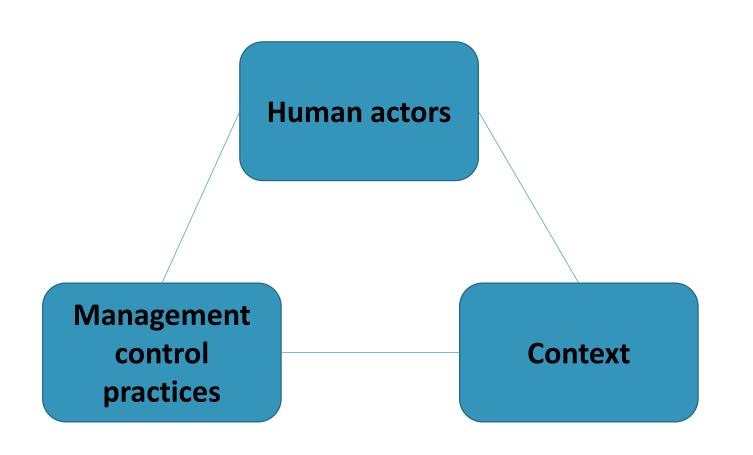
Olga fra Bodø ga Erna Ukraina-råd











PhD in Business // No. 68 - 2018 The human side of accounting: The bonds between human agency and management accounting practices' changes in the transitional economy Olga Iermolenko **BUSINESS SCHOOL**



Research design and methods

Elements	Paper 1	Paper 2	Paper 3	Paper 4
Type of paper	Literature review	Research paper	Research paper	Research paper
Research design	Literature review	Longitudinal case study	Interpretive case study	Longitudinal study
Context	Post-socialist countries	Ukraine	Norway & Ukraine	Ukraine
Research methods	Analysis of articles in peer-reviewed journals, factual data	Interviews Documents Observations	Interviews Secondary data	Interviews Documents Shadowing
Studied period	1991–2016	(2005) 2012–2016	(2007) 2011–2012	(1999) 2013–2017
Agents in focus	Internal and external agents	Different levels of organizational participants	Small groups of individuals (projects' key persons)	An individual actor (Institutional Entrepreneur)

^[1] The years in parenthesis indicate the start of the retrospection.

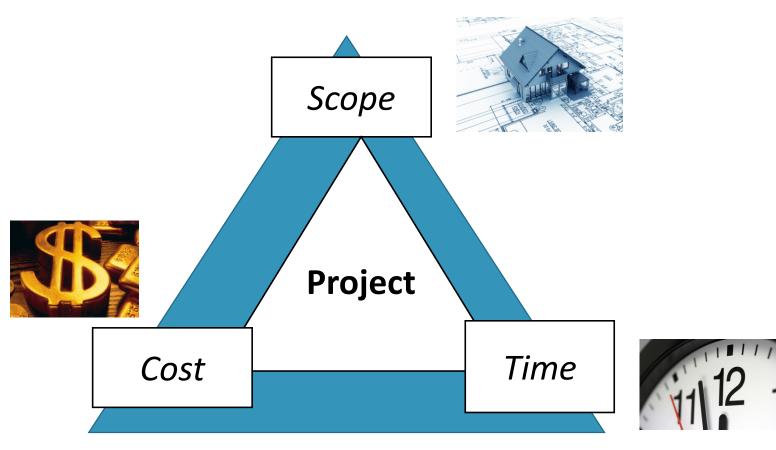


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Beyond the "Iron triangle" of scope, time & costs: Control aspects of dealing with project uncertainties



Iron Triangle (Atkinson, 1999)

Beyond the "Iron triangle" of scope, time & costs: Control aspects of dealing with project uncertainties

Focus on uncertainties and ways of managing them

What do managers actually do?

Context matters?

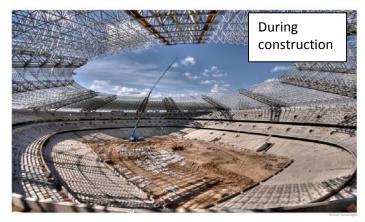
The key areas of uncertainties:

- Uncertainty in estimates
- Uncertainty associated with project parties
- Uncertainties associated with the stages in the project life cycle



The two construction projects

Donbass Arena (Ukraine)



Holmenkollen (Norway)



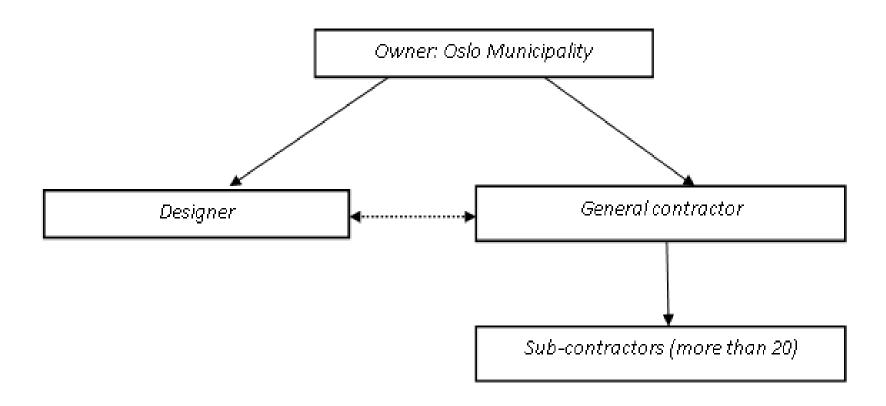




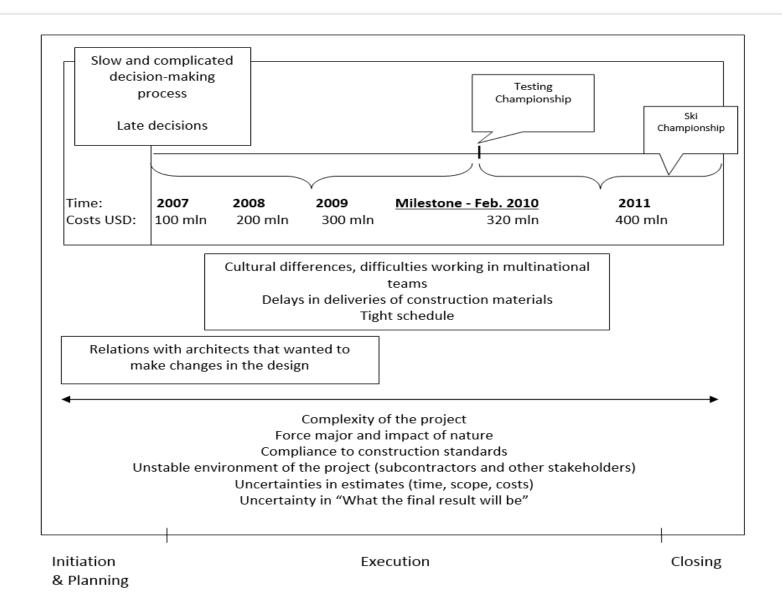


Factors	Holmenkollen	Donbass Arena	
Industry	Sport		
Contactors	More than 20	Around 15	
Final costs	USD 400 mln		
Initial plans	USD 125 mln	USD 185 mln	
Budget overruns (final costs compared to initial plans)	320%	216%	
Terms of realization	Around 3 years		
Initiation of the project	2005 – 2006	2004 – 2005	
Factual start-completion of the project	2008 – 2011	2006 – 2009	
Time overruns	2 years	1 year	
Main architecture	JDS Architects (Denmark)	Arup Sport (UK)	

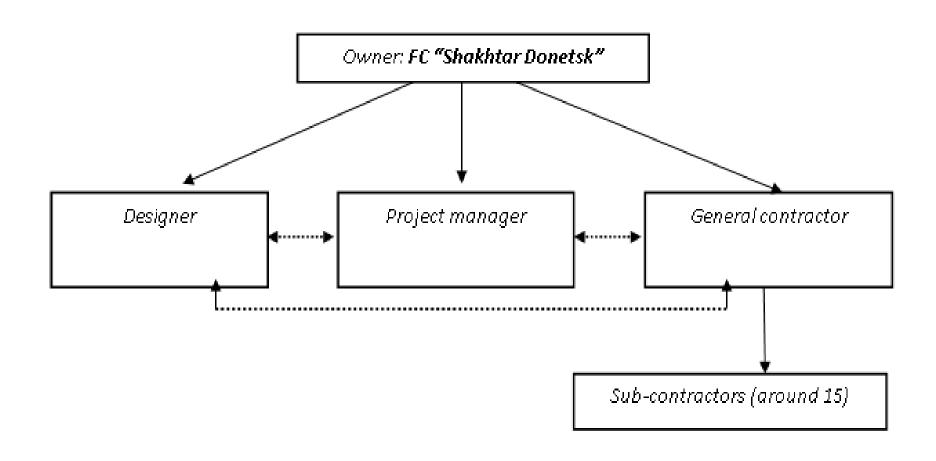
Holmenkollen project



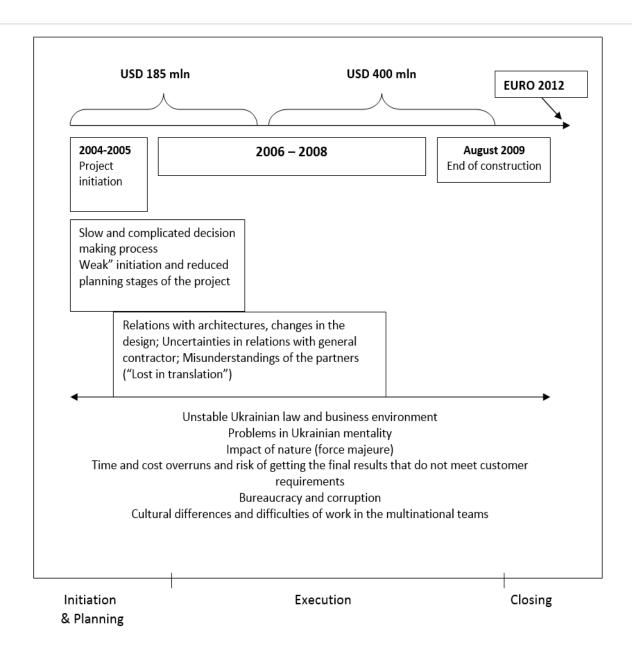
Holmenkollen: Projects estimates and costs escalation



Donbass Arena Project



Donbass Arena:
Projects estimates
and costs
escalation



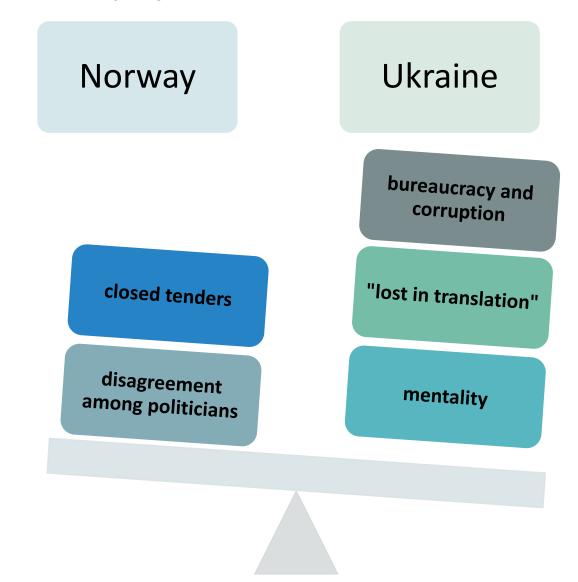


Key differences

Criteria	Holmenkollen	Donbass Arena	
Type of contacts	Two sides contact	Three sides contract	
HR policy	Involve experienced people	Hire young people	
Government regulation and construction norms	Stable	Changing	
Motivation	No formalized motivation systems	Combination of financial and nonfinancial incentives	
Approach to reporting	Monthly reports	Frequent reports (half-years, monthly, weekly and daily reports if needed)	
Meetings	Monthly, 2 weeks	Daily	
Trust	Gain trust	Trust nobody	
Structure	Independent structure of contractor organization	Duplicate system of contractor and client organization	
Software	OPERA Project	Spider project and MS Project	

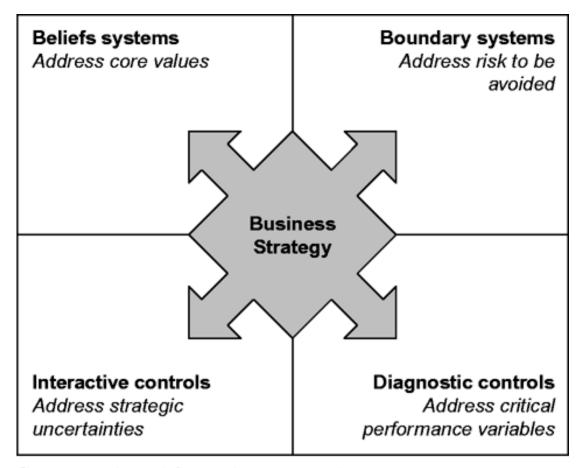


Peculiar characteristics of projects in terms of sources of uncertainties





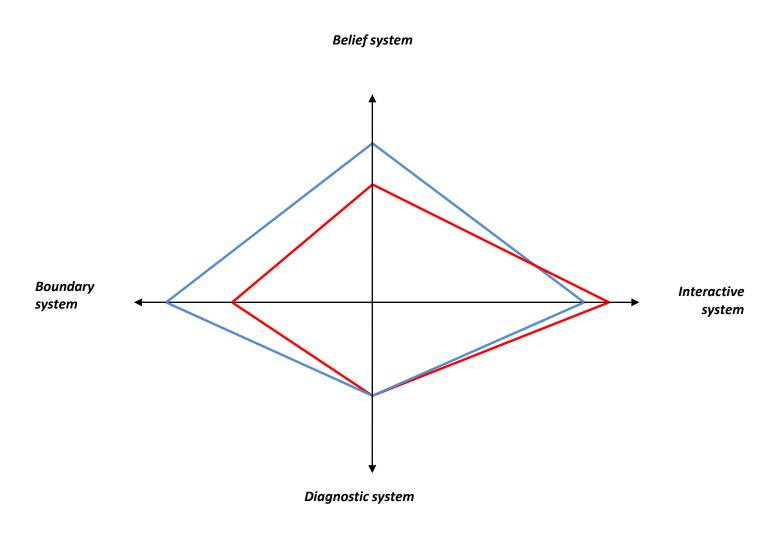
Levers of control





Source: Adapted from Simons (1995)

Balancing between levers of control in two contexts



Summary

What do managers actually do?

- Transform projects from the "fog" stage, when main stakeholders are not only unclear about how things need to be done, but are also not totally sure about what the end result should be
- Balanced use of levers of control for handling uncertainties of the project: belief, boundary, interactive and diagnostic controls

Context matters?

- Project managers have to be prepared to handle different cultures as well as other tasks of the projects
- Internationalization and globalization of economy seem to have impacted construction industry, and the choice of tools and MCS used for handling uncertainties in international construction projects



Concluding points



"Iron triangle" is not an adequate measure of project's success

- There are many factors which are not taken into account while making initial calculations
- A helpful tool in big projects *limits of responsibilities*
- No fixed management control systems provide solutions to uncertainties emergent MCS
- As for other stakeholders, there should be a constructive dialogue between all the parts of big projects in order to avoid misunderstandings and implementing changes on the latest stages, which are very costly

Thank you for your attention!

