

Concept Symposium 2006 Principles of Governance for Major Investment Projects

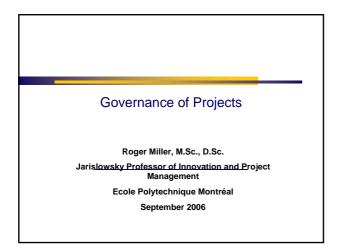
The Concept Program; NTNU; Department of Civil and Transport Engineering Høgskoleringen 7A; 7491 Trondheim; Norway; Web: http://www.concept.ntnu.no/



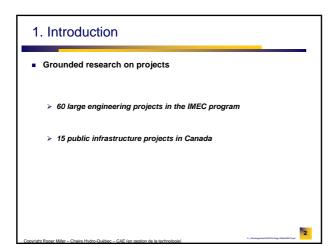
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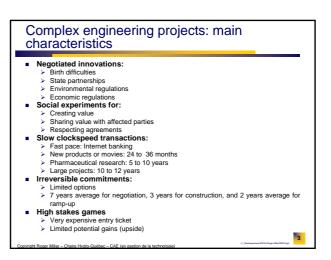
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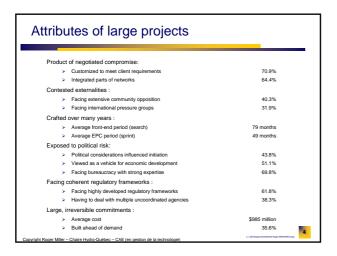
Miller, Roger Professor École Polytechnique de Montréal Canada Canada: Governance of Major Projects – the case of Quebec



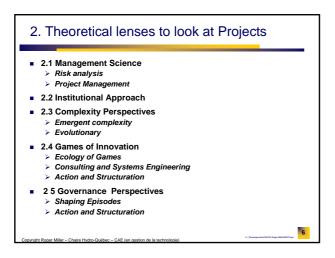


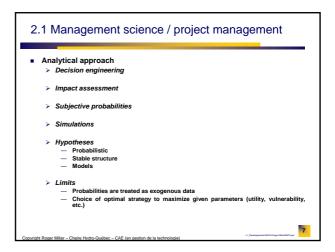


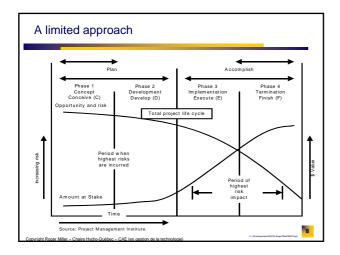


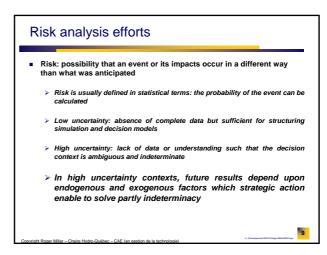


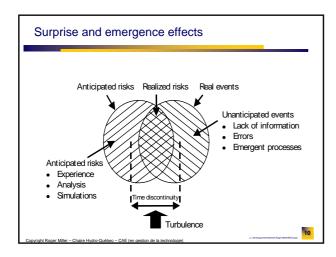
Efficiency and effectiveness of projects	3
Performance of Public Infrastructure Projects	
 Cost and delay performance acceptable Turbulence 100% of projects: politicians scramble 	
	%
Efficiency indicators	
meets cost targets	81.9
> meets schedule targets	71.9
Effectiveness indicators	
meets most stated objectives	45.0
below target but satisfactory and without crises	18.3
restructured after experiencing crises	16.6
Abandoned after high levels of development expenditure	6.6
taken over by public authority after sponsor's bankruptcy	10.0
> abandoned white elephant	3.3
Copyright Roger Miller – Chaire Hydro-Quèbec – CAE (en gestion de la technologie)	S./_Shintappointed.200703 Roger Millson/MillScape

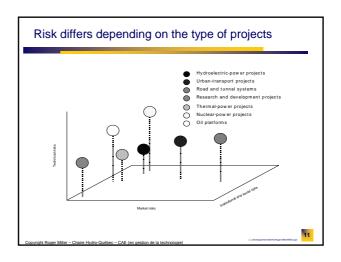


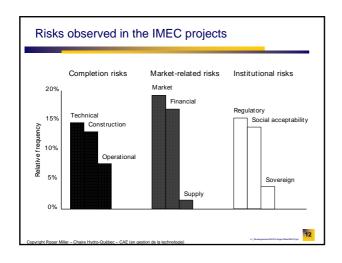




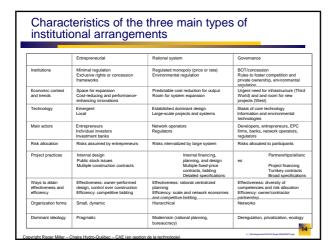


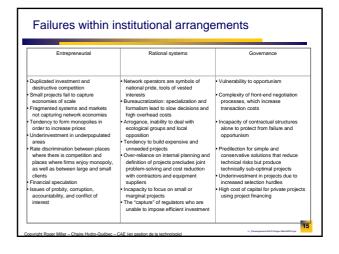


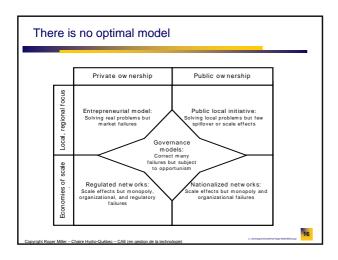


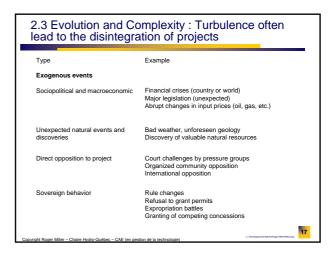


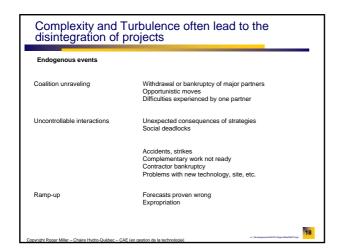


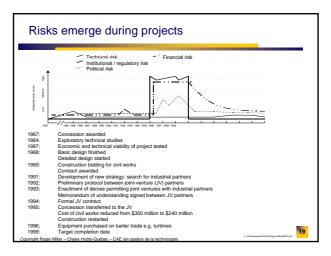


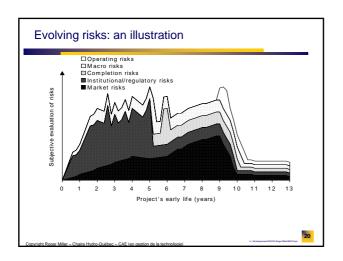


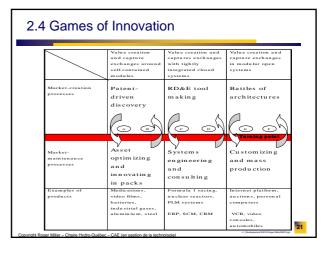












Construction of a logistical model predicting success and failure in 87% of cases (chi-square 43.45 with 0.0205 degree of significance) Factors affecting the probabilities of success are, in order: 1) The institutional framework 2) The sponsor's competencies 3) Risk analysis efforts 4) The shaping of projects 5) Construction of a strategic system 6) The capacity of governance and self-regulation



