

Why is Risk Governance Important to THC?

EVENTS	DATE	QUALITATIVE IMPACT	
Contact Voltage	Nov 20, 08- Jan 29, 09	Loss of ReputationLoss of Strategic FocusNegative publicity	
Flood at Dufferin Station	January 15, 2009	 Service failure Failure of back up systems Issues with planning and management At customer's expense 	
Ice storm	January 1998	Service failureIssues with planning, coordination & controlLow customer confidence	
Data Hacking	July 28, 2009	Safety & security of customer dataNegative publicityLow customer confidence	
Customer Power Interruptions		Service failureLow customer confidence	







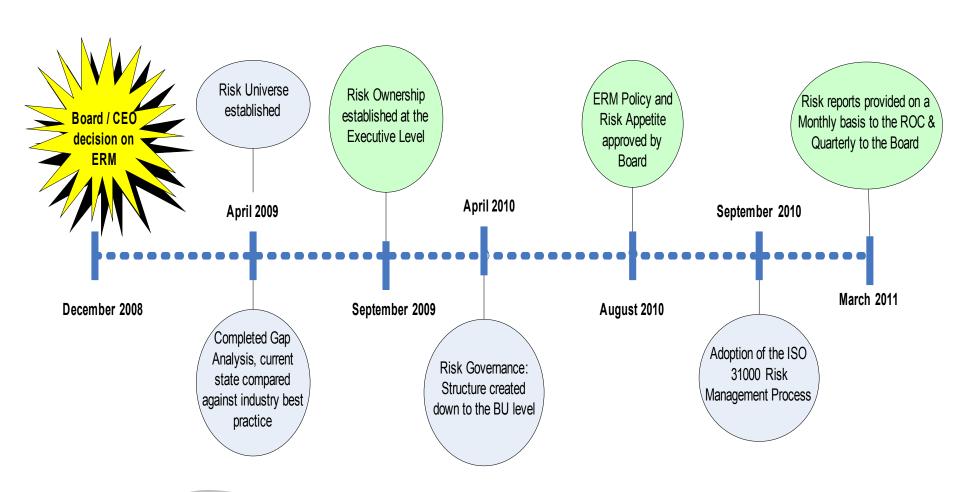






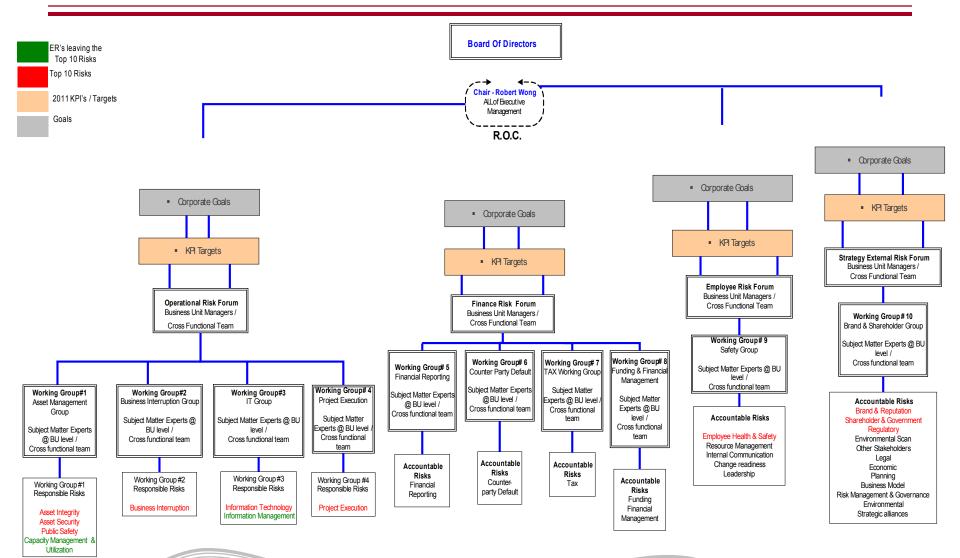


THC's Response





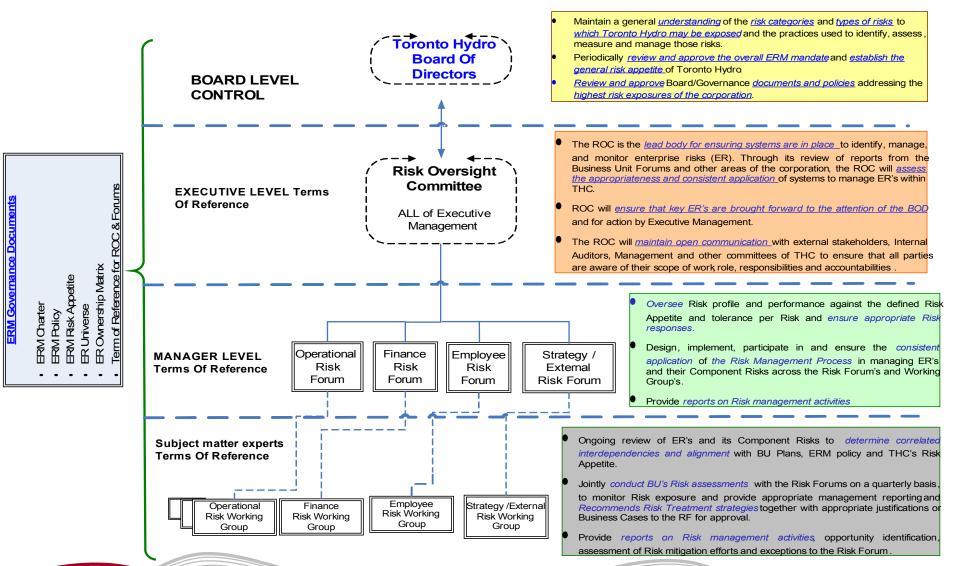
ERM Governance Structure





Role in ERM Governance

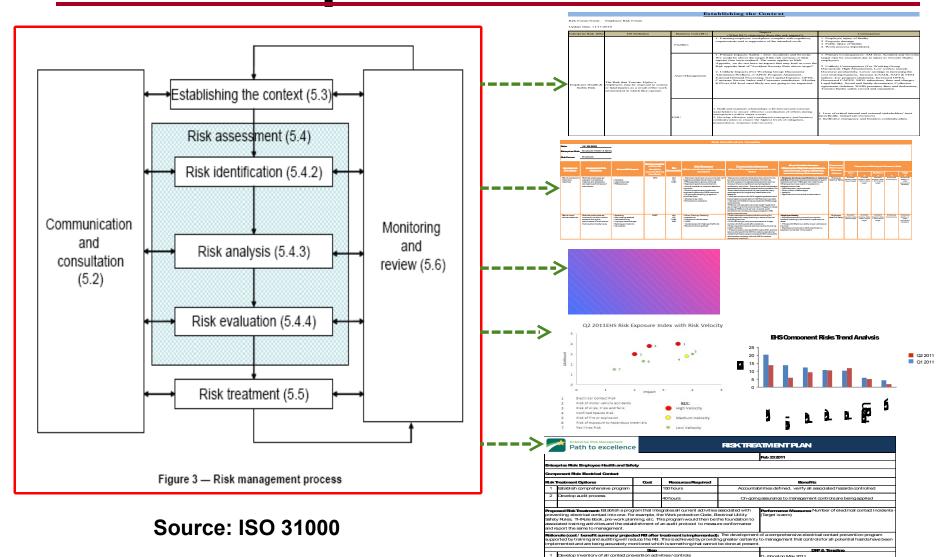






THC's Adoption of ISO 31000



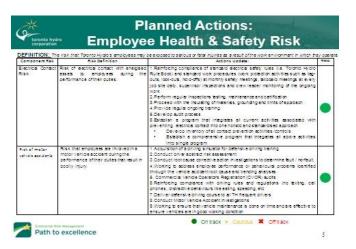




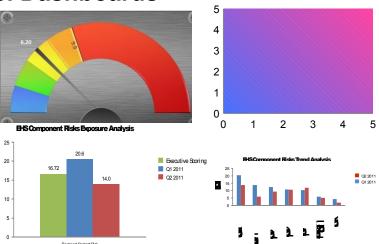
Board Reporting



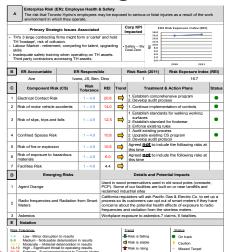
1. Quarterly updates / Top 5 out of 33



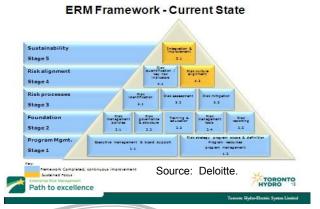
3. Dashboards



2. Short Term / Long Term Treatment Plans



4. ERM Program Implementation Status





ERM's Maturity Model



1	2	3	4	5
Initial/Ad Hoc	Fragmented	Comprehensive	Integrated	Strategic
 Enterprise takes minimal Risks into consideration for determining vulnerabilities to Risks Undefined objectives, policies and processes Ad hoc and chaotic No accountability for Risks No formal process for Risk Assessments 	 Objectives and policies mainly undefined Risks are defined differently at different levels and in different parts of the organization Risk is managed in silos Disparate monitoring and reporting functions Limited alignment between Risk and Strategy 	 Risk Universe is identified Common Risk Assessment / response approach developed and adopted Communication of top strategic Risks to the senior management team Clear accountability assigned to each Risk 	 Risk Management activities coordinated across business areas Risk Analysis tools developed and communicated Enterprise Risk monitoring, measuring s and reporting Opportunity Risks identified and exploited 	 Risk discussion is embedded in strategic planning, capital / resource allocation , product development, vendor selection etc. Early warning systems to notify the Risks above established threshold to Board and Management Linkage to performance measures and incentives



ERM Team's Role



- Oversee, support and advise on matters relating to the Risk Management Process for all Risk Forums
- Facilitate, develop plans and provide training to enhance Risk awareness across all Risk Forums
- Design , implement , sustain and improve an effective ERM framework
- <u>Support, cooperate and promote</u> program integration to ensure organisational alignment
- Work with Risk Forums to build methodologies and processes to conduct Risk Assessments
- Consolidate the reporting function across all Risk Forums to the Risk Oversight Committee (ROC)
- <u>Sustain and mature</u>: Continue to embed ERM into the culture and core processes of THC





ERM in Practice: Lessons Learned

- Ongoing Executive Management and Board Support: A critical aspect in driving the buy in and support for ERM
- A clearly developed Framework for implementing ERM enterprise wide:
 Consistency and linked to best practise
- **Establishing Risk Ownership:** Clear accountability for each risk at the Executive level, there can be only one accountable
- **Establishing a formal Risk Governance Structure:** From Board down to BU's, a cross functional structure to support Executive Management in managing, monitoring and reporting on Risks
- Adoption of a Risk Management Process
 that is standardized and in line with industry
 best practice
- <u>Embedding Risk Management into Employee Performance Contracts:</u> Foster ownership of Risk Management at all levels and embed into organizational culture
- **Design, implement, sustain and improve the ERM framework:** An incremental process, start simple and evolve



SESSION OUTLINE

Introduction

Global Financial Crisis: Risk Management Lessons

ERM Governance Landscape

ERM Governance: Leading Practices

Toronto Hydro: ERM Governance Model

Closing Remarks

Questions



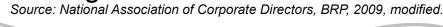




Ten Principles of Effective Risk Oversight

- Key success drivers understood
- 2. Strategic risk assessed
- 3. Defined Board oversight role
- Robust ERM system (including people and processes)
- Risk reporting meets Board requirements
- Dynamic/constructive risk dialogue between Board and Executives encouraged

- Cultural and incentive structure risk monitored
- 8. Critical alignments of strategy, risk, controls, compliance, incentives and people monitored
- Emerging/interrelated risks considered
- Board's oversight processes periodically assessed









Closing Remarks

- Effective Risk Governance is no longer an option - it is a prerequisite!
- Boards role in effective Risk
 Governance will continue to evolve
- Leveraging best practices
 outlined today will help Boards
 and Executives on its journey to
 Risk Governance Effectiveness



"When the tide goes out, we find out who's been swimming without a bathing suit"

Warren Buffett, July '07



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Questions?









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