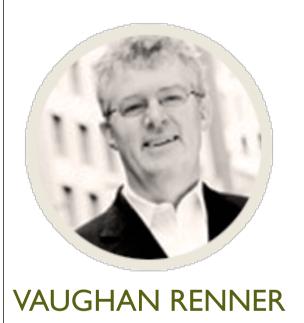
Toward a Risk Management Framework for the DNS



April 2013 Beijing



Who we are







A risk management framework is

not a risk or threat assessment

but what you put the assessment into

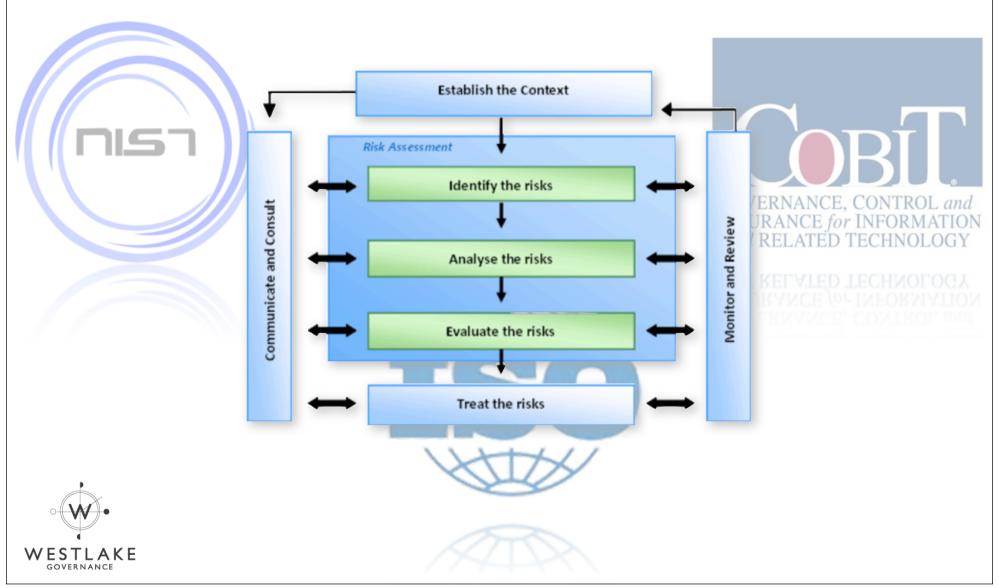
that helps you manage risks

and prioritise actions and investments

to mitigate the risks



Risk frameworks in the wild



How we will build it

Come to Toronto to gather information	*
Develop principles to cover DNS Risk Management	✓
Analyse candidate frameworks against principles	✓
Tailor it to fit multistakeholder environment	✓
Test it using example risks from DSSA WG	✓
Present it at Beijing	



RMF Principles

- ICANN is a unique identity, embedded in a community of interest
- The DNS is a technically unique and important system
- Provide a means to fostering an enduring risk culture within ICANN
- Avoid a monoculture
- Adapt not reinvent
- Process is not a substitute for thought
- Cover risks that are within ICANN's sphere of concern, but not necessarily under its control

Westlake Governance Principles

For practitioners, by practitioners

Outputs must be actionable

Actions must be measurable



One Size Does Not Fit All

Controllable Risks



One Size Does Not Fit All





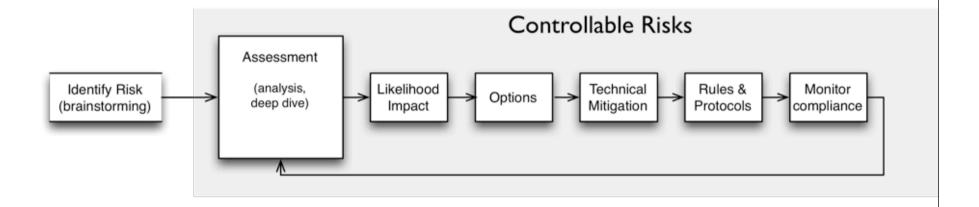
One Size Does Not Fit All





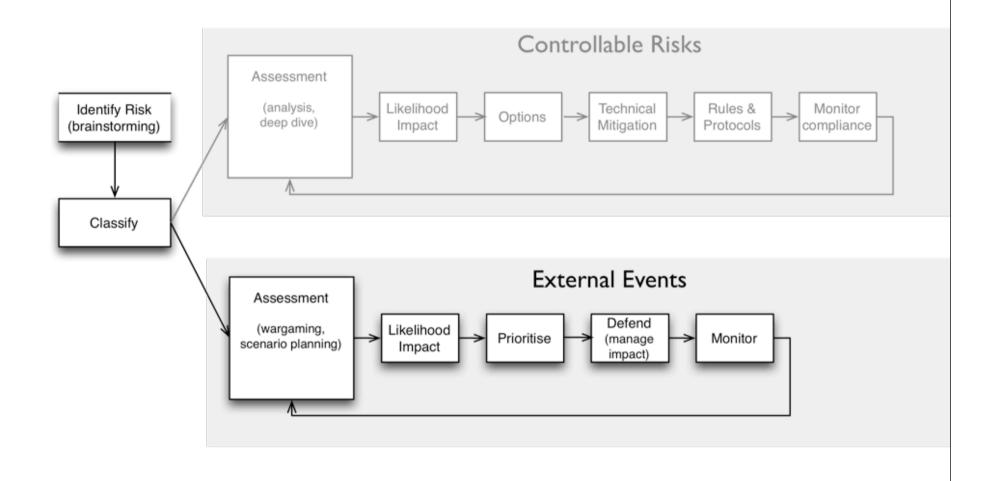
Acknowledgment: R Kaplan & A Mikes, Managing Risks: A New Framework, Harvard Business Review, June 2012

Risk framework - controllable risks



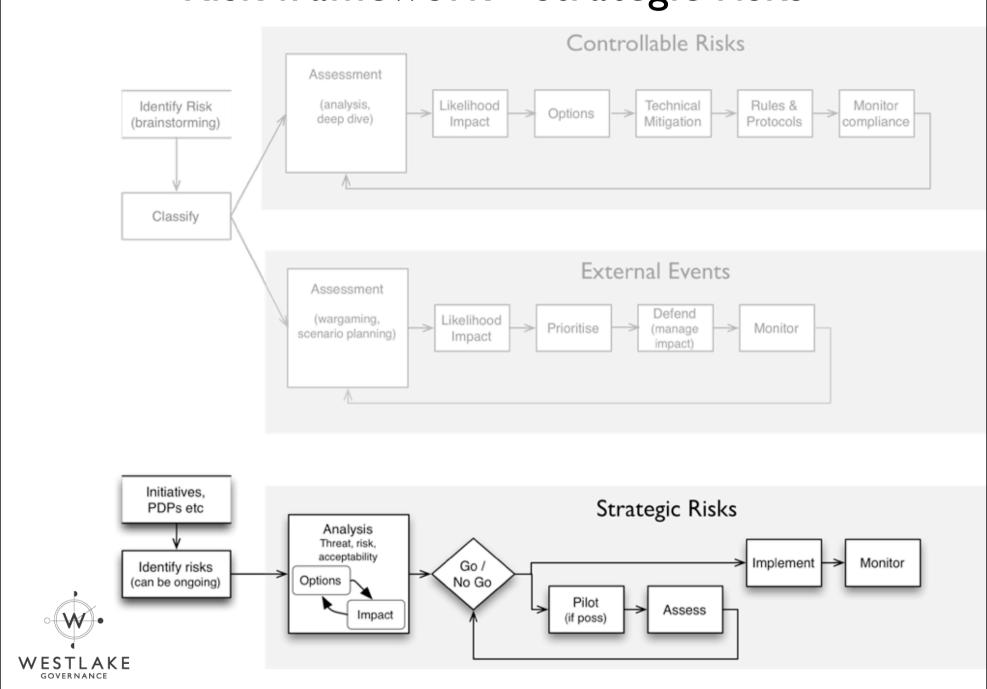


Risk framework - external events

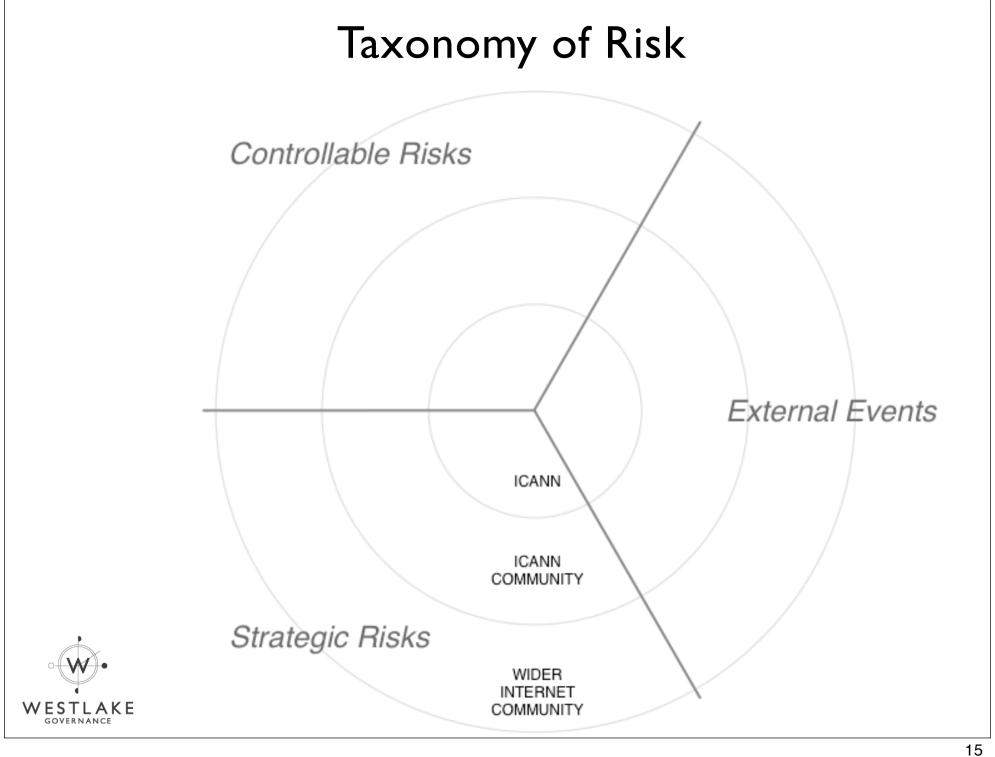


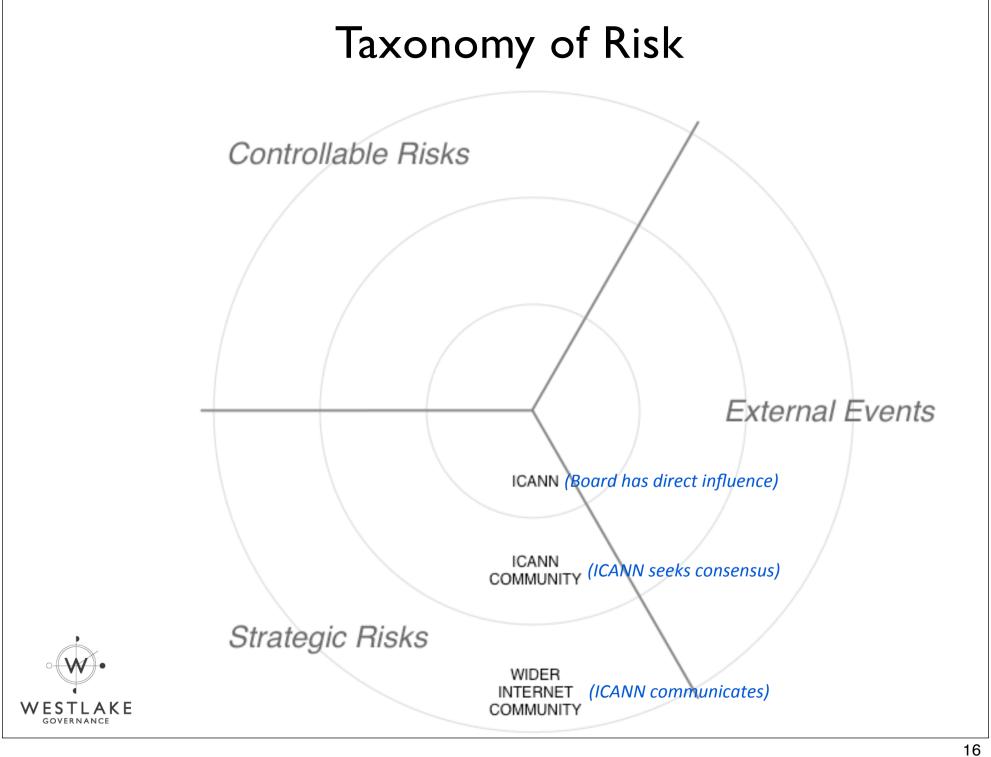


Risk framework - strategic risks

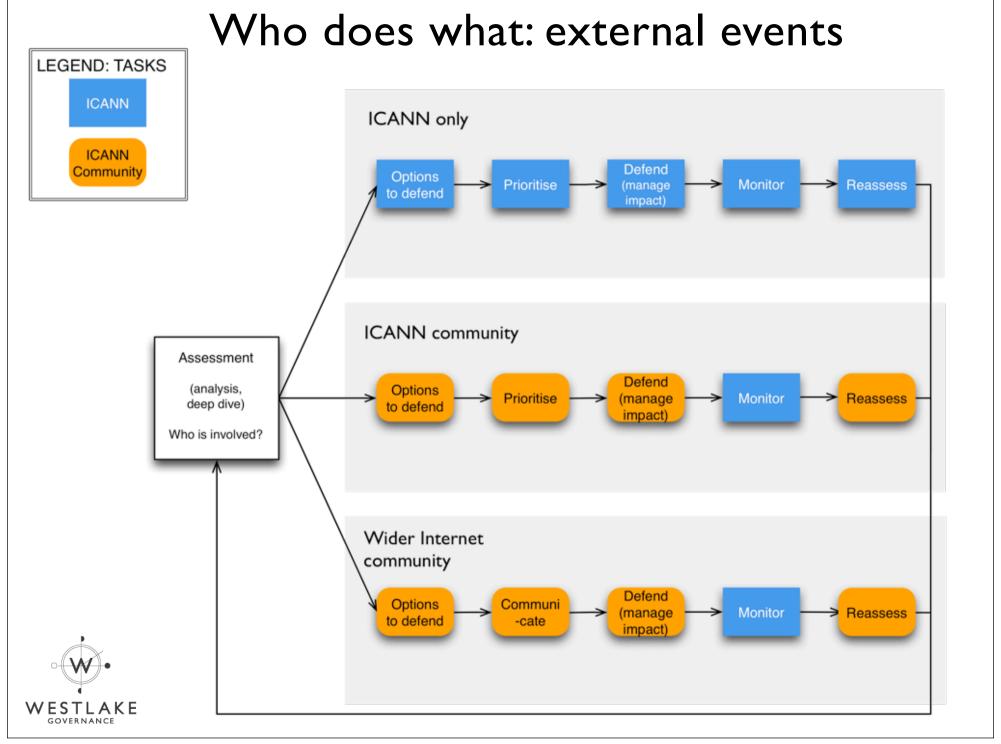


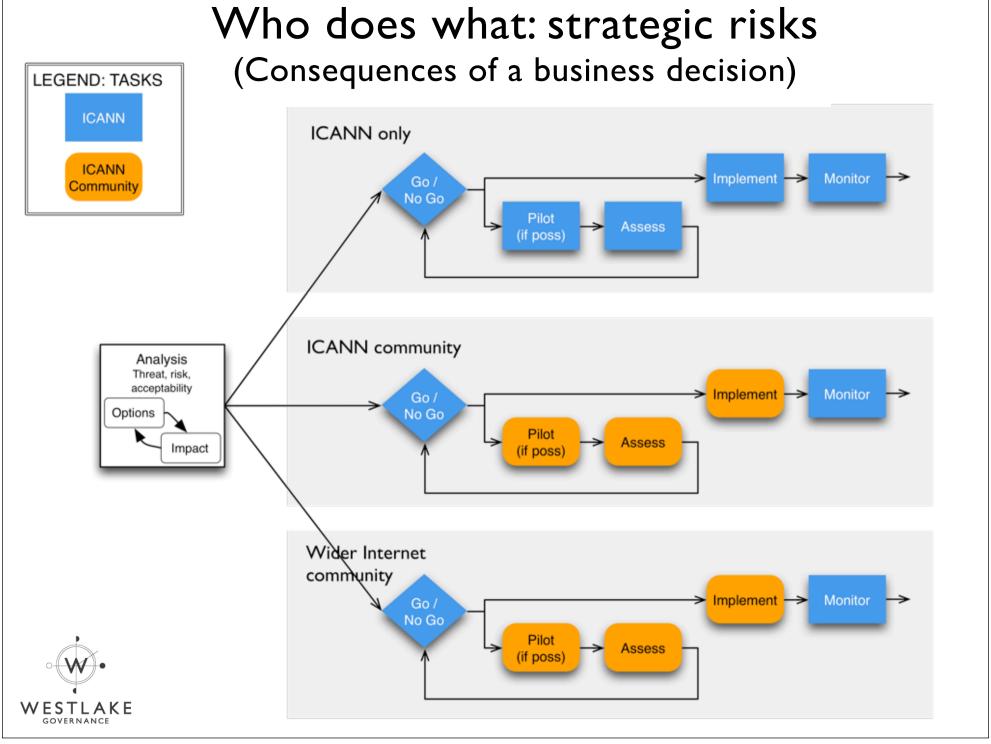
Risk framework - all risk types Controllable Risks Assessment Identify Risk (analysis, Likelihood Technical Rules & Monitor Options deep dive) Mitigation Protocols compliance Impact (brainstorming) Classify **External Events** Assessment Defend (wargaming, Likelihood Prioritise Monitor (manage scenario planning) Impact impact) Initiatives. Strategic Risks PDPs etc Analysis Threat, risk, acceptability Implement Monitor Identify risks Go / Options No Go (can be ongoing) Pilot Assess Impact (if poss) WESTLAKE



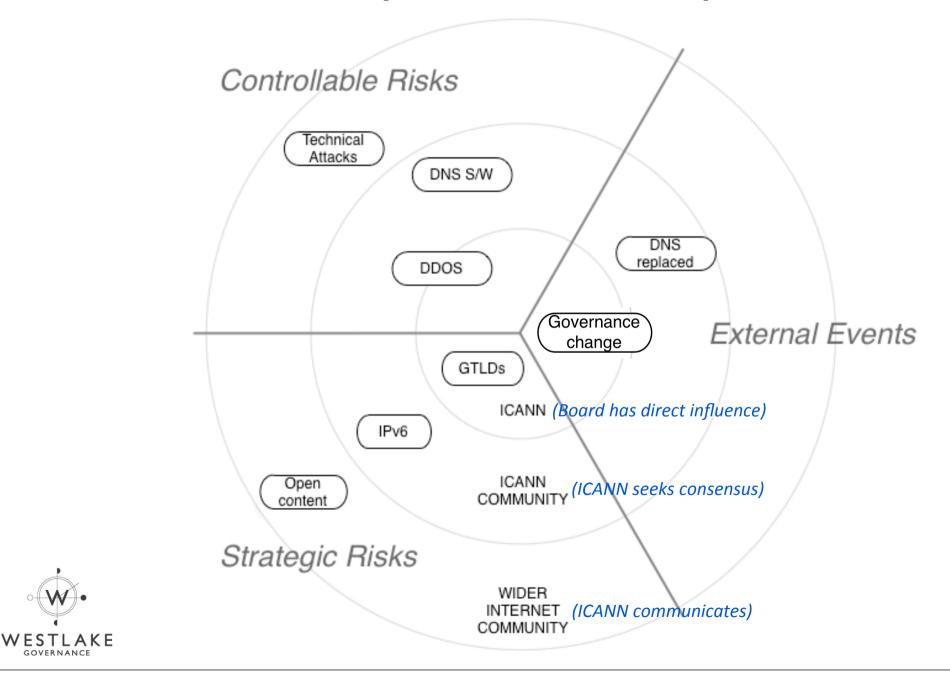


Who does what: controllable risks LEGEND: TASKS **ICANN** ICANN only **Technical** effect **ICANN** Community Design Options Reassess Rules compliance ICANN community Technical Assessment mitigation (analysis, Design Options Reassess deep dive) Mitigation Who is involved? Protocols adherence Wider Internet Technical Monitor community mitigation Design Options Reassess Mitigation Communi -cations response WESTLAKE





Taxonomy of Risk - Examples



Next steps

Present proposed RMF at Beijing	
Seek community and staff feedback on the proposed RMF	
Further testing of RMF using example risks from DSSA WG	
Agree with ICANN staff Principles for developing: - Risk Triggers - Escalation processes - Mitigation or response actions	
Revise RMF as appropriate	
Assess preparedness of staff	
Present final RMF at Durban	



Let's talk

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