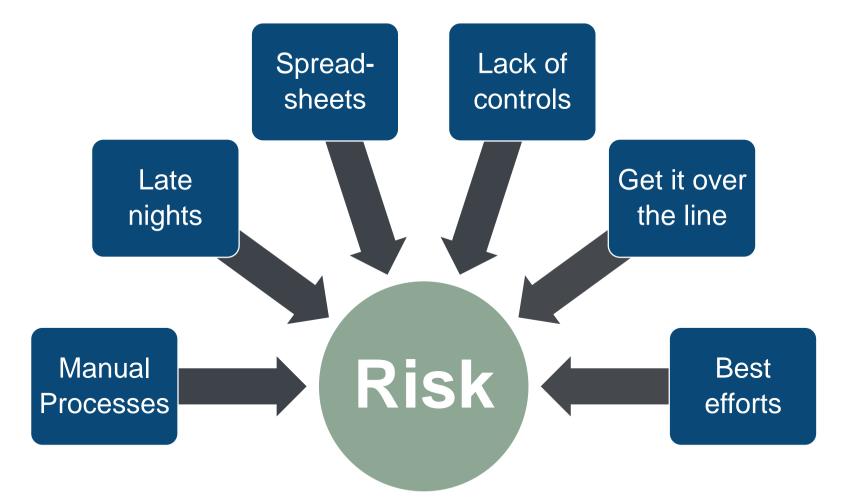


Model Industrialisation & Process Improvement

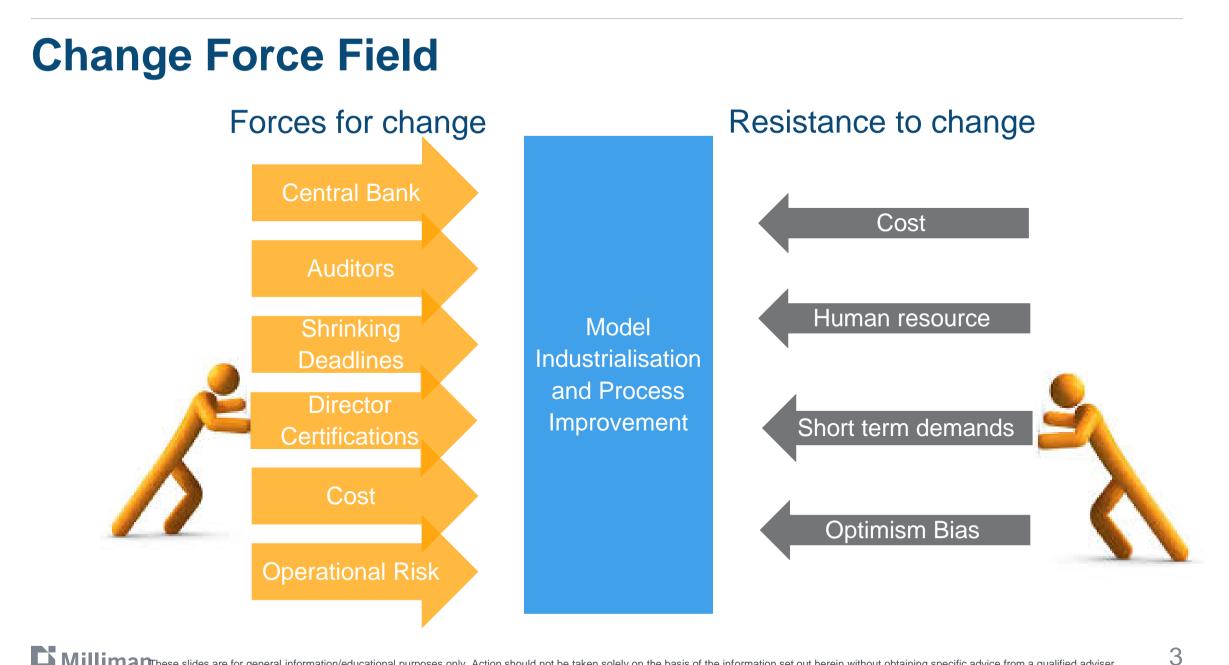
Bridget MacDonnell 24th May 2017

Year End 2016

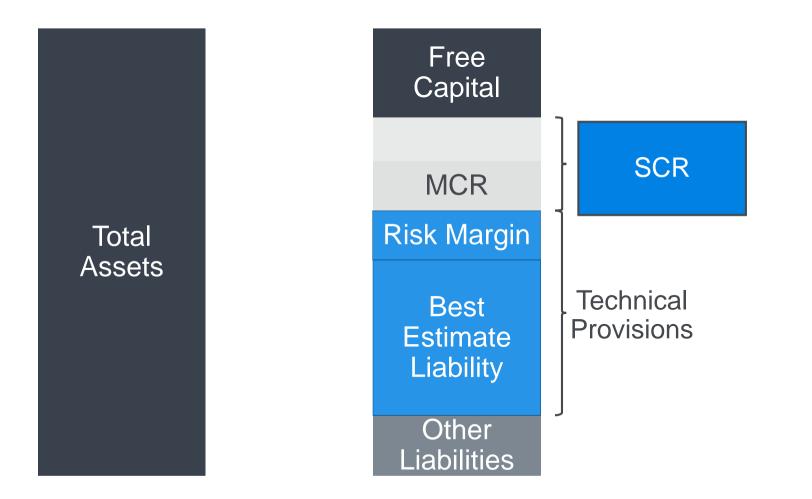


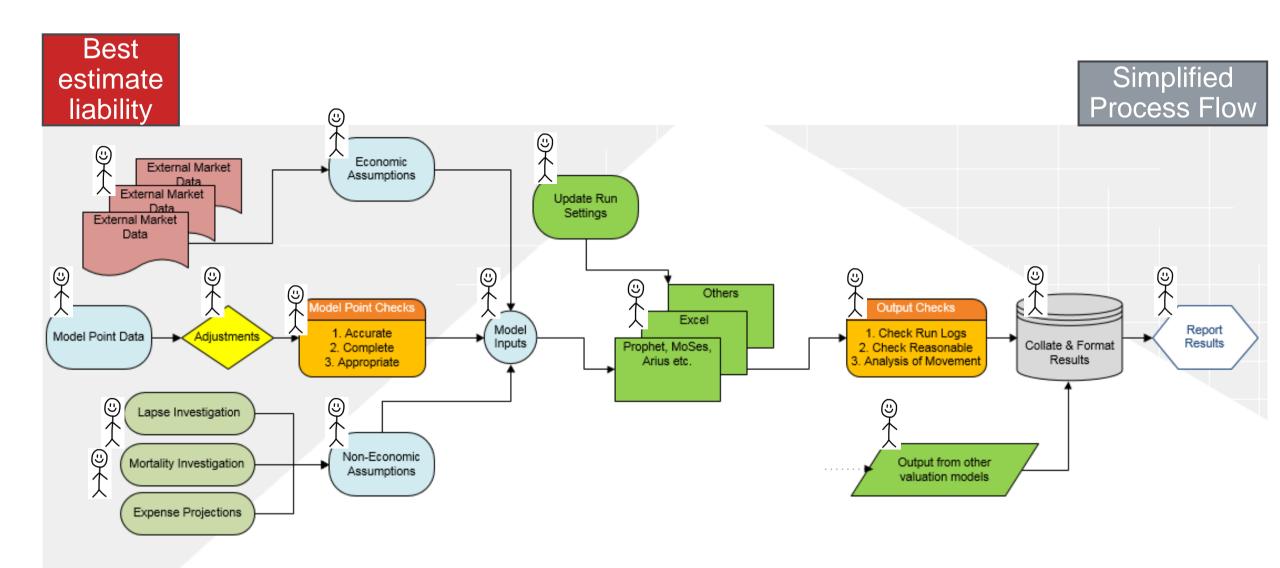


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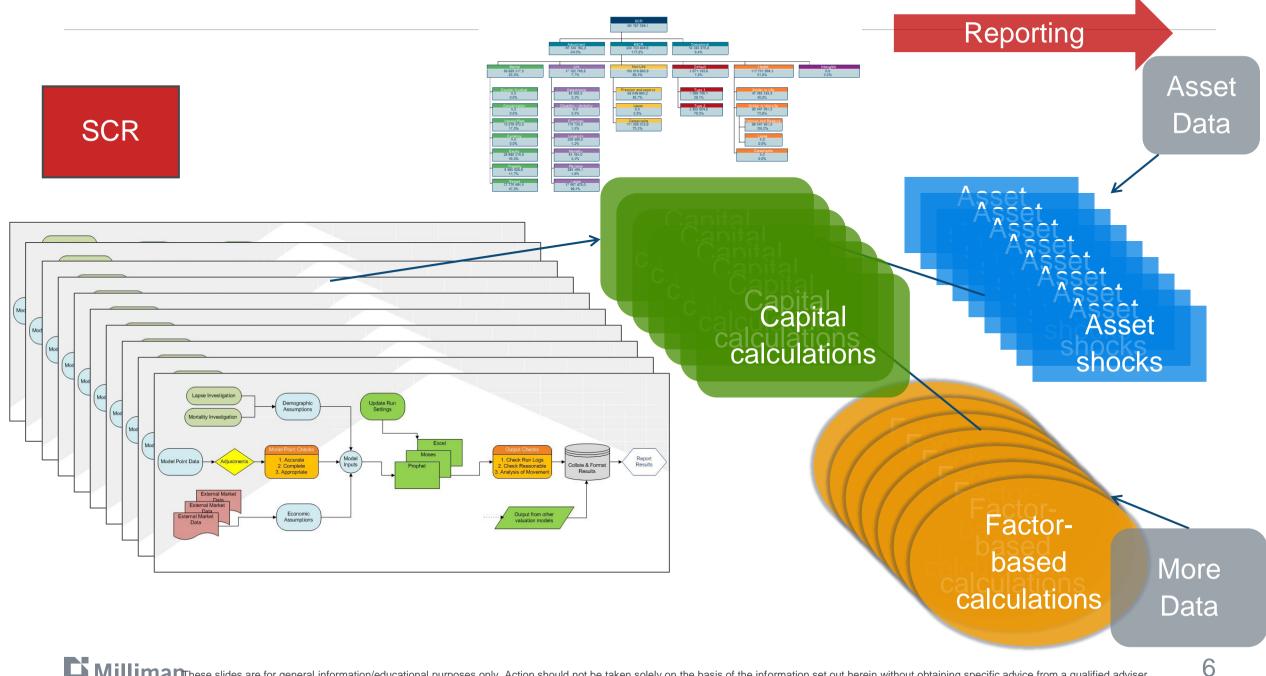


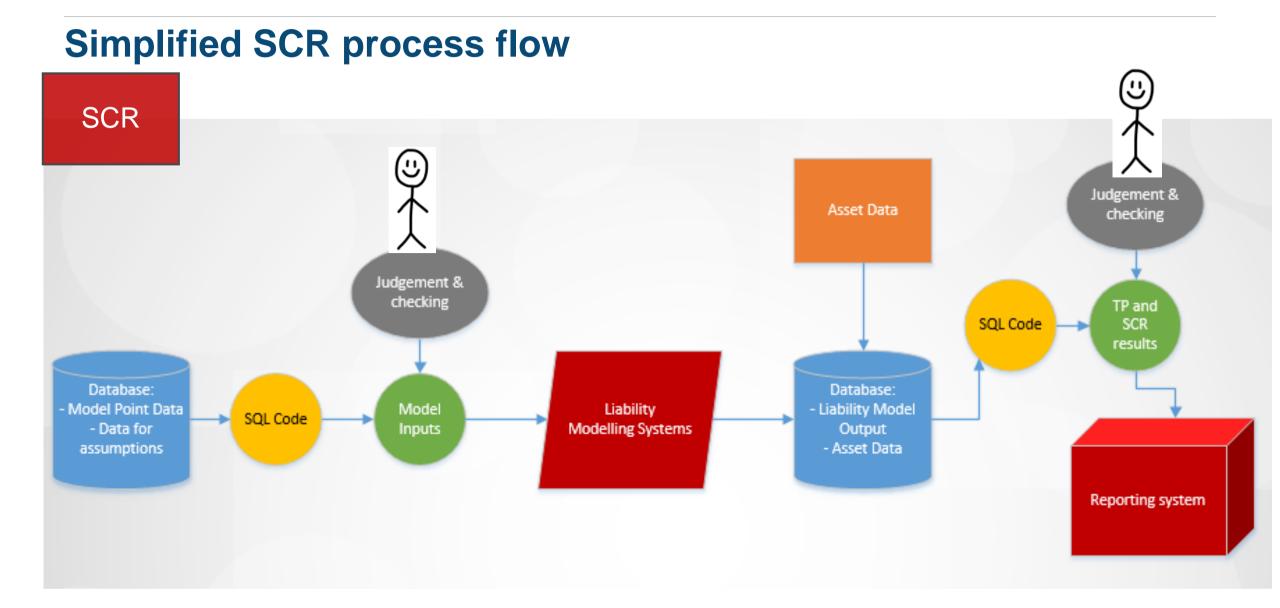
New Calculations & Processes

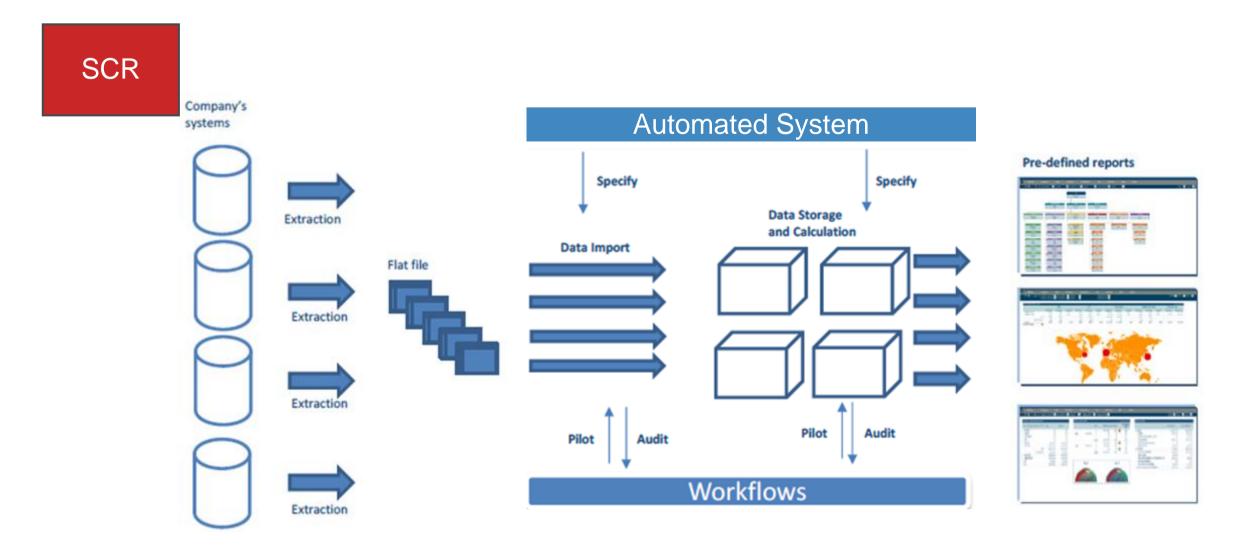




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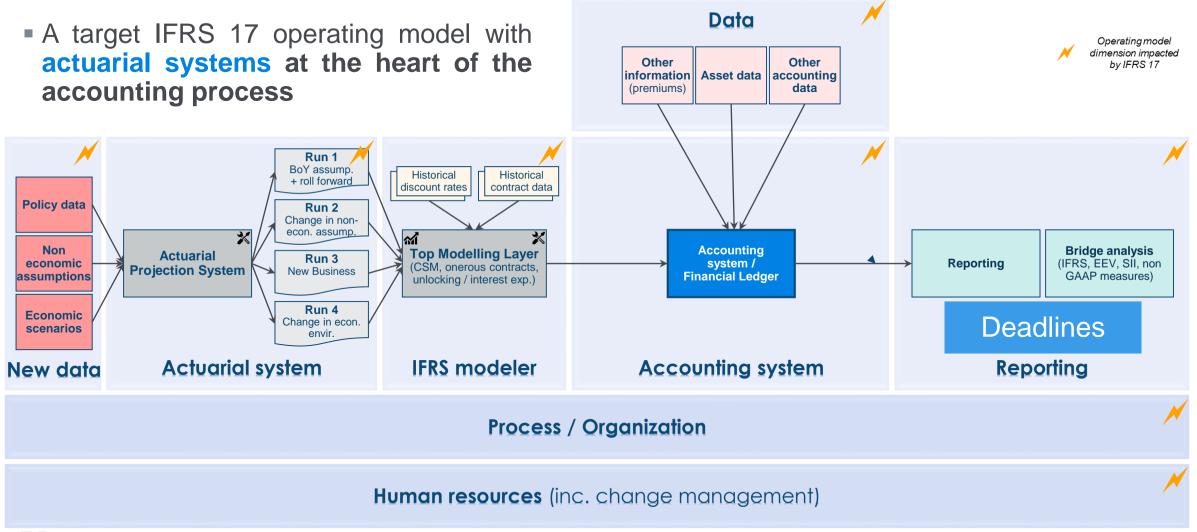






8

Overview of a target IFRS 17 operating model





KEEP CALM AND AUTOMATE





Thank you

Bridget MacDonnell 24 May 2017



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Actuarial Standard of Practice PA-2 – what does the new ASP mean for you?

Eoin King 24 May 2017

What is ASP PA-2?

- New ASP issued by the SAI covering general actuarial practice
 - Local adoption of international standard issued by IAA
- Comes into effect on 1 July 2017
 - Early adoption encouraged
- Applies to <u>all</u> members providing actuarial services
 - (even if the work could be done by non actuaries)

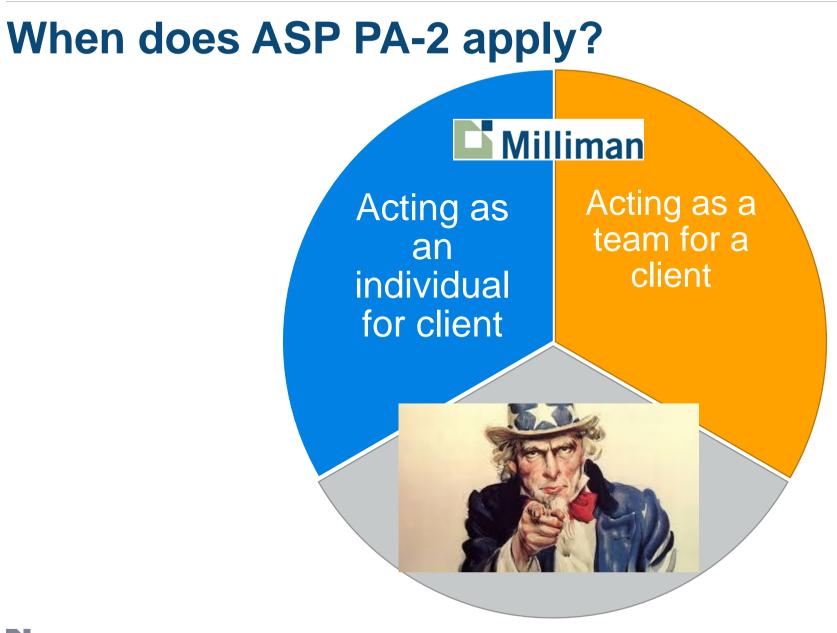


Yes – it even applies to students

What is ASP PA-2?

Acceptance of Assignment	Knowledge of Circumstances	Reliance on others
Materiality	Data Quality	Assumptions
Methodology	Process Management	Quality Assurance
Subsequent Events	Document retention	Communication

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15

Questions

Trying to define what is in scope and what is out of scope

- Are you "just" thinking like an actuary?
- Are you taking responsibility for actuarial topics?
- Writing a report where you are the author ...
- If you are building a model ...
- Adding up numbers …
- Volunteer treasurer for your sports club ?

Acceptance of assignment

Confirm

- role of principal
- limitations or constraints
- requirements that need to be satisfied
- identification of the schedule of work
- expected cost and/or the resources needed
- the information needed to be communicated to and by the member

Member must be satisfied that

- assignment can be performed in line with the CPC
- he or she will have the time, resources, access to relevant parties and information, and the right to communicate information

NIRAC

Reliances

Can use information prepared by another party

- may take responsibility
- may state that reliance has been placed upon the source and disclaim responsibility



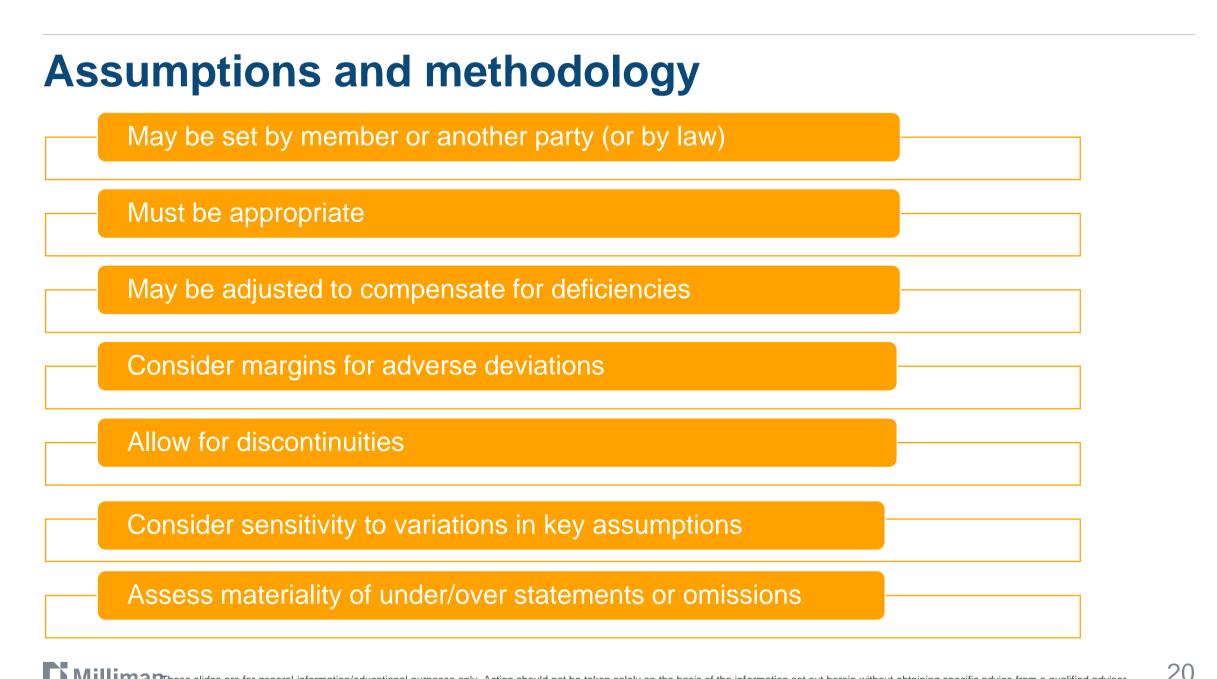


Need to consider if sufficient and reliable data is available

Take steps to review consistency, completeness and accuracy of data used

Data deficiencies might mean

- decline assignment
- · work to modify data
- perform work to best of ability and discloses deficiencies



Process management and quality assurance

- Consider what process controls need to be put in place
- Results should be reviewed for overall reasonableness
- Ensure work is of appropriate quality



Process management and quality assurance

QA processes should consider

- degree of difficulty
- purpose of the work and extent to which intended users may review and challenge it
- significance
- extent of professional judgement
- whether work is vulnerable to errors
- legislative or regulatory requirements for peer review
- desirability of assuring public confidence in the quality

Process management and quality assurance

- Doer and reviewer should have clarity on their roles
- Reviewer should have required competence and capacity
- Review should be properly documented

Other Considerations

Subsequent Events

Consider/disclose subsequent events that could materially change results

Document Retention

- Retain documentation for a reasonable period for:
 - Peer review, regulatory review, and audit
 - Legal requirement
 - Recurring assignment
- Keep enough for another actuary to understand what was done

Communication

- Content and disclosures
 - Scope
 - Results
 - Methodology, assumptions, data
 - Data issues
 - Assessment of uncertainty
 - Inconsistencies in assumptions
 - Relevant subsequent events
 - Reliances and Restrictions on distribution
 - Date of communications
 - Information on author



Summary

Acceptance of Assignment	Knowledge of Circumstances	Reliance on others
Materiality	Data Quality	Assumptions
Methodology	Process Management	Quality Assurance
Subsequent Events	Document retention	Communication

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Thank you

Eoin King 24 May 2017



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Risk Culture

Caoimhe Fahy 24th May 2017

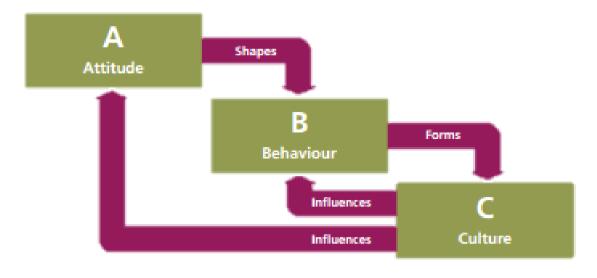
"We are striving to build culture into everything we do as supervisors."

Sylvia Cronin, Central Bank of Ireland, 2017



What is risk culture?

Risk culture is the system of values and behaviours present in an organization that shapes **risk** decisions of management and employees





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All graphics on this slide have been sourced from the Institute of Risk Management document 'Risk culture: Resources for Practitioners'.

How do we demonstrate compliance?

- Documentation
- Controls
- Audit
- Assessments
- Dashboards



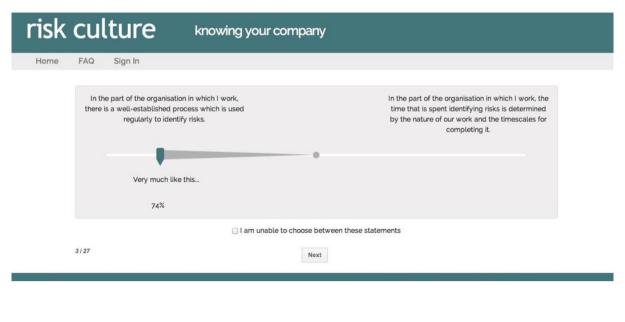
"Well you see Mr. Regulator, I set the tone from the top…."



How can we measure risk culture?

"What we cannot measure, we cannot manage" **For the idealists...**

Full Scale Assessment





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How can we measure risk culture?

"What we cannot measure, we cannot manage"

Some practical measures...

Documentation	Surveys	Feedback Loops	Incentives
Organisational structure	Committee Structure	Role of Risk Function	Training
Recruitment Policies	Risk Communications	Dashboards	Embedding Tests



How can we measure risk culture?

"What we cannot measure, we cannot manage"



Solidarity vs Sociability



Useful Links

- Risk culture: Resources for Practitioners
- How to measure risk culture effectiveness
- Corporate culture and the role of boards
- Measuring the effectiveness of your company's culture
- Video: You can own the risk, or own the consequences





Thank you

Caoimhe Fahy 24 May 2017 Caoimhe Fahy Associate Consultant

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