Implementation issues: Model complexity and supervisory capacity

Presenter: Manuel Pérez de Castro

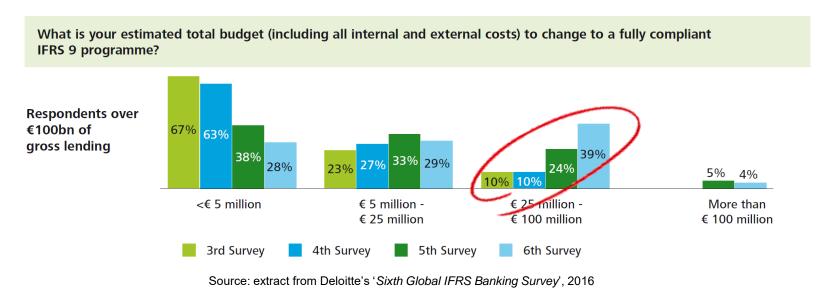


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- context
- >>> IFRS9 modelling lifecycle
- >>> the future of IFRS9 modelling?



IFRS9 programme has involved relevant costs for the industry...



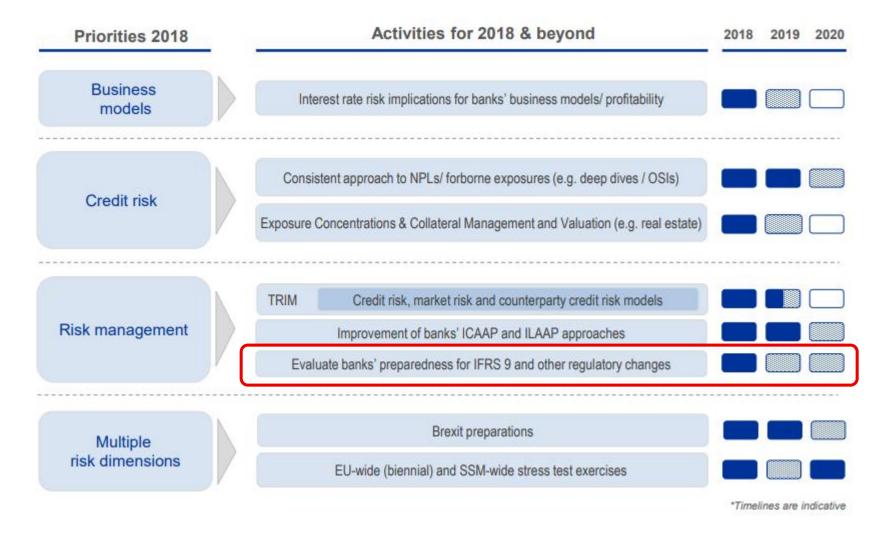
...and not only economic costs

More than 245 internal policies and guidelines produced/reviewed

Over **200** people involved in our main geographies

More than **50**Corporate training sessions

...with strong implication by the SSM...



...perceived by the supervised entities

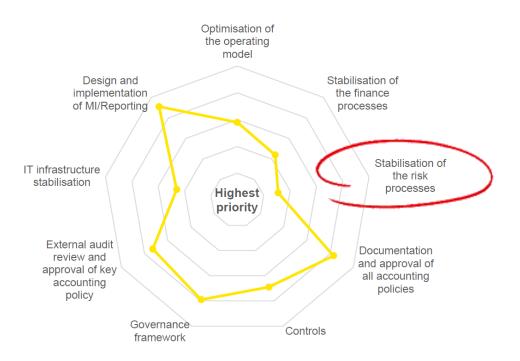
In 2017, for which of the following areas do you expect SSM supervisory activities to be the most challenging for your bank? Rank the top 3 priorities



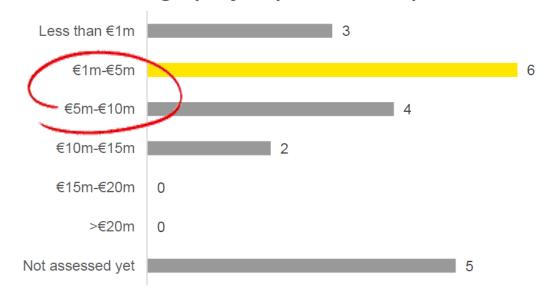


What's next in terms of costs?

Areas of budget spend in 2018 (top priority in middle)



BAU budget per year post IFRS 9 implementation



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disclosure & reporting

improve/ optimize

- Principle-based standard: interpretation
- Model development and validation
- Re-use existing techniques (IRB, stress testing, etc.)
- Parallel running
- Impacts



- Understanding the outputs >>>
- Monitor the evolution

reporting

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- First peer comparisons
- Putting the governance in practice

optimize

Testing the controls

comply







disclosure & reporting



improve/
optimize

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Model evolution resulting from the tension between...

Institutions willingness to improve/optimize adopting best practices



Auditors and supervisors fostering best practices



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improve/ optimize



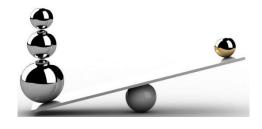
what might be next?

1. Illustrative lifecycle of... a model-based approach











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disclosure & reporting

improve/ optimize

backtest/ benchmark

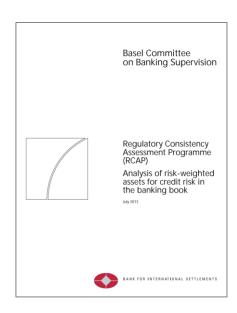
restrictions

Executions

Consistencial de los activos ponderados por riesgor

Entroducción

En estes climas de la aplacación de la normales de solvence denseda de Basilea II, seella una processor de la consistencia entre processor concerni entre entrodes y appreniente por anexar en la consistencia entre processor concerni entre entrodes y appreniente por anexar en la consistencia entre la consistencia de la entre la consistencia del la entre la consistencia de la entre la consistencia del la







1. Illustrative lifecycle of... a model-based approach



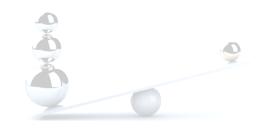
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improve/ optimize



backtest/ benchmark



restrictions

Examples from upcoming capital rules...

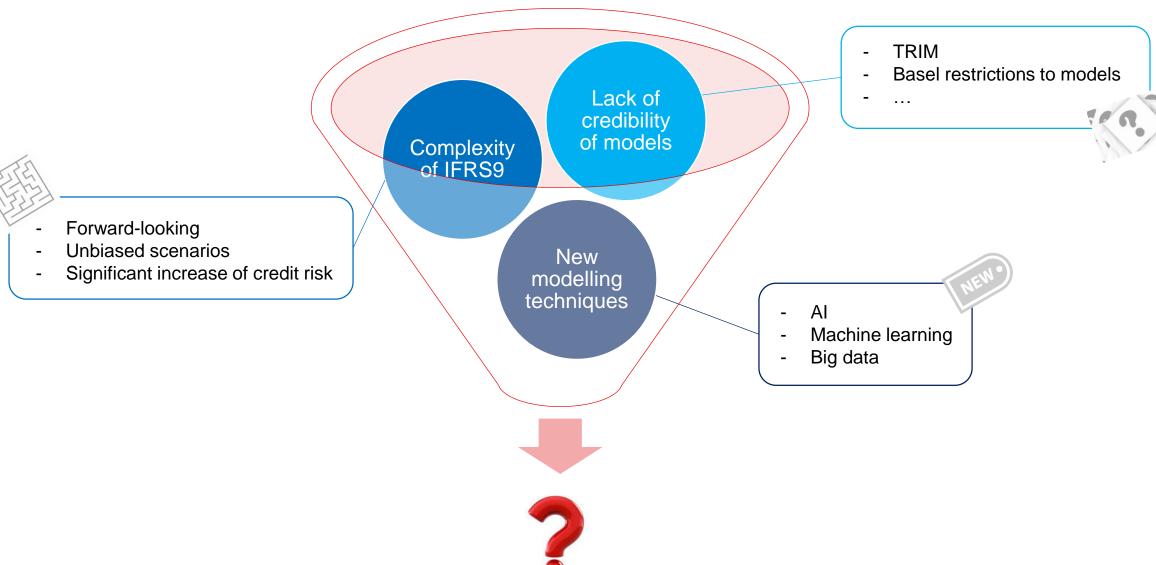
- Additional input (parameters) floors
- Output floors
- Non-modelable portfolios
- Less risk sensitive ratios (leverage)

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02

2. The future of IFRS9 modelling?

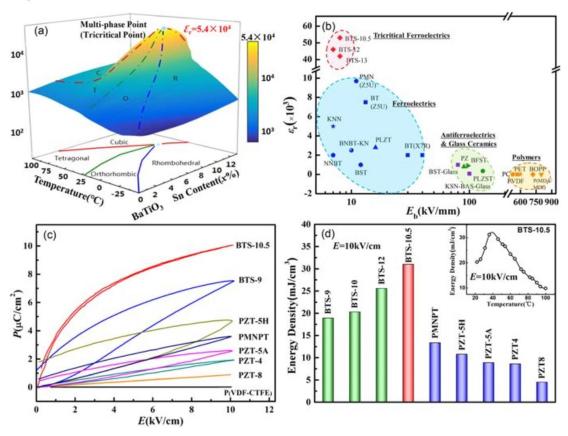
A challenging landscape for modelling



2. The future of IFRS9 modelling?

A message of hope

Figure 1



(a) The dielectric permittivity (ε_r) distribution on the phase diagram of Ba(Ti_{1-x%}Sn_{x%})O₃ (BTS), and the maximum value can reach to 5.4×10^4 at the multi-phase point which is also a tricritical point. (b) The locations for a series of materials categories on the dielectric

Thank You.

Our purpose is to help people and business prosper.

Our culture is based on believing that everything we do should be:

Simple Personal Fair



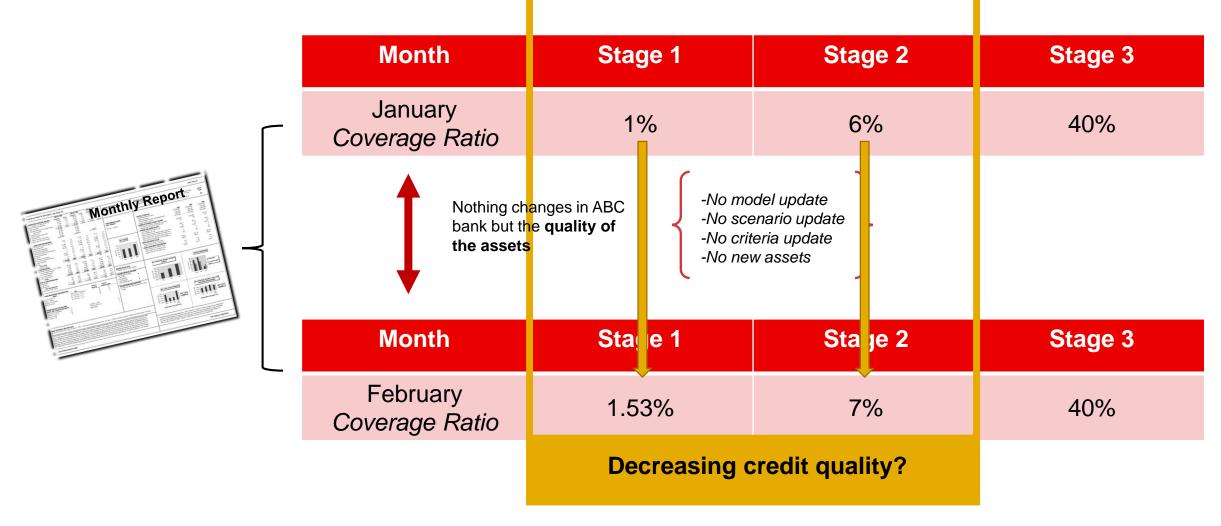




>> appendix



ABC Bank disclosure:





What really happens...



