

## SOA Predictive Analytics Seminar – South Korea 30 Aug. 2019 | Seoul, South Korea

#### **Session 6**

# **Exponential actuary - How will the role of Actuary be transformed under IFRS17?**

Ka Hei Choi



How will the role of Actuary be transformed under IFRS 17?

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## Introduction

- IFRS 17 will be effective in 2022\*
- What would be the impact on Actuaries in financial reporting?

Part I:
Current vs. Future
Reporting Process

Part II:
How Process Change
Transforms Actuaries' Role

\* Proposed by International Accounting Standards Board in Exposure Draft ED/2019/4 Amendments to IFRS 17 published in June 2019

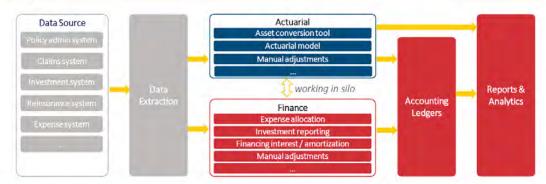


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## **Traditional Reporting Process**

Traditionally, valuation works mainly fall between Actuarial and Finance departments. The division of work is clearly defined with separable deliverables. Limited co-working exists between Actuarial and Finance people.

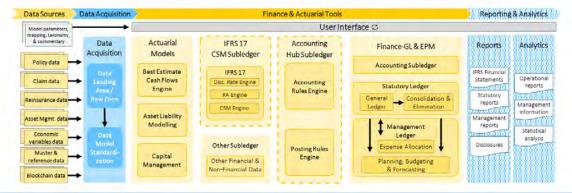




Current vs. Future How Process Change Reporting Process Transforms Actuaries' Role

# **IFRS 17 Reporting Process**

In the future, IFRS 17 valuation involves a series of business and system processes, which requires close collaboration between Actuarial and Finance. These processes run from data extraction to cash flow generation and CSM calculation, and stop at accounting posting and financial reporting.



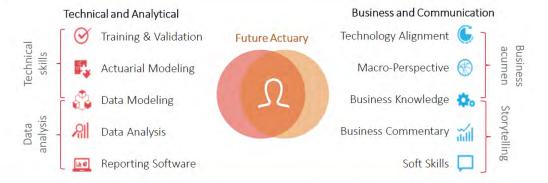
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## **Future Actuary**

Ability to understand the right business questions, modelling expertise to gain the insight and the presenting capabilities to communicate insight in a compelling way are important skills for a successful actuary in the digital world.





Lurrent vs. Huture How Process Change Transforms Actuaries' Role

#### A Glance at Future IFRS 17 Process

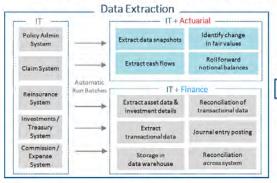


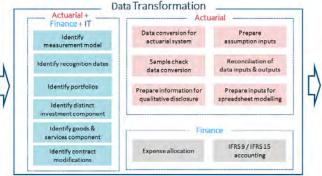
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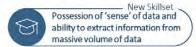


#### Data Extraction and Transformation











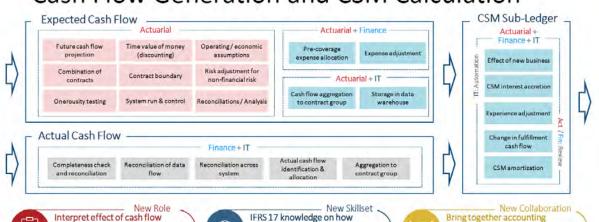


Current vs. Future How Process Change
Reporting Process Transforms Actuaries' Role

professionals' understanding of

dynamics in "actual" cash flows

#### Cash Flow Generation and CSM Calculation



current and future cash flows

affect CSM

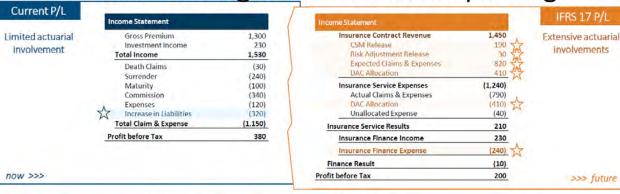


movements on CSM of individual

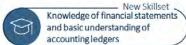
contract groups



## Account Posting and Financial Reporting











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#### What's Next?



#### Actuarial professionals:

Coordinate with accounting professional bodies to ensure accountants and actuaries acquire relevant knowledge to work together



#### Insurance companies:

Refine the financial reporting process and responsibility matrix for IFRS 17



#### Beyond IFRS 17:

New management information and business planning approach to utilize the more granular data available due to IFRS 17



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# Questions?



