

12th Consultative Forum

Panel 2 Supervisory Apporaches on Insurtech and Regulatory Challenges

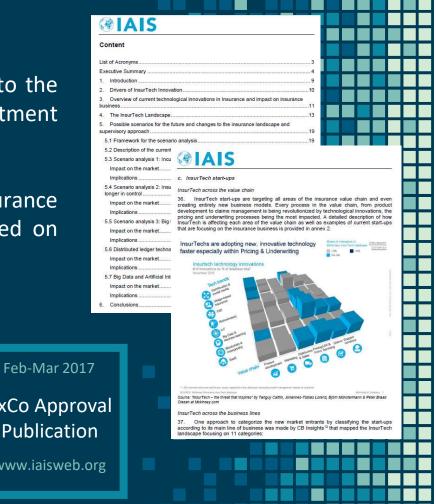
IAIS Report: FinTech Developments in the Insurance Industry



Background

Overview of FinTech developments relevant to the insurance industry - description, drivers, investment landscape.

Analysis of potential impacts to the insurance landscape and to supervisory approach, based on three scenarios.



FinTech Task Force Brazil, France, Mexico, US, UK, IAIS Secrt.

Roundtable Meetings Research

ExCo Approval **Publication**

www.iaisweb.org

Overview: innovations in the value chain

Product Development

Meeting changing customer needs with new offerings.

Price and **Underwriting**

- Collecting and analyzing big data
- Developing new approaches to underwrite risk & predict loss

Distribution and Marketing

Enhancing and improving customer interactions.

Claims Management

Improving claims administration, reducing operational costs and increasing efficiency.





metromile.

- Usage based
- Behavioural based
- On demand
- P₂P

nest

■ScoreData



- Connected devices (IoT)
- **Drones**
- **Predictive Analytics**
- Cloud computing

oscar



policygenius

Mobile & online distribution, aggregators, . comparison sites.





- **Drones**
- DLT/Blockchain
- Artificial Intelligence

Scenario Analysis



Incumbents successfully maintain the customer relationship Fragmentation of insurance value chain; incumbents no longer in control

Big technology firms squeezing out traditional insurers













Scenario Analysis

Competitiveness

Consumer choice

Interconnectedness

Regulatory oversight

BM Viability & Cap. Req.

Conduct of business

Data ownership



Incumbents successfully maintain the customer relationship



Fragmentation of insurance value chain; incumbents no longer in control



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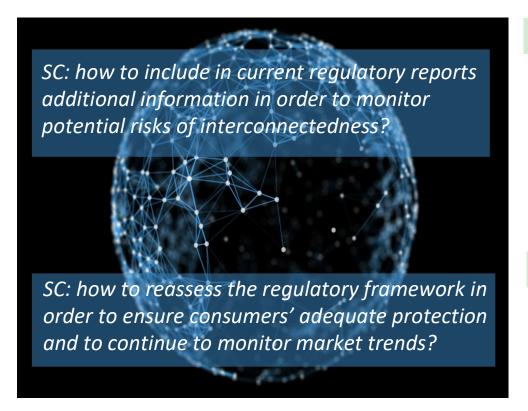
Competitiveness

Expected to reduce in long term.

Consumer choice

Expected to **reduce** -extent varies by scenario.





Interconnectedness

Expected to increase.

Ability of regulatory oversight

Expected to reduce.

Business model viability & Cap. Req.

Resilience of current business model expected to **reduce**.

Conduct of business

Potential **increase** in risk of reflecting **firm's objectives** rather than consumer's.



Data ownership

Potential increase in risk of unauthorized access, use or transfer of personal data.



SC: how to strengthen regulatory provisions regarding data access, use and transferability between providers, as well as provisions related to IT management, cyber security and internal controls for outsourcing technical services?

Other legal & regulatory considerations.



Conclusions

- FinTech developments are potentially disruptive.
- Currently uncertain to oversee and understand how the insurance market and its supervision will be affected.
- Scenario analysis and possible implications for supervision can assist in shaping the future strategic direction of supervisors and IAIS.
- Report presents relevant challenges that insurance supervisors may face in the near future when addressing FinTech innovations.



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Thanks

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