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Keynote Speech 1 Bank Negara Malaysia Presentation

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Beyond Traditions – A World of Opportunities

Keynote Address

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The insurance industry is ripe for disruption...

Japanese company replaces office workers with artificial intelligence

Insurance firm Fukoku Mutual Life Insurance is making 34 employees redundant and replacing them with IBM's Watson Explorer AI



Fukoku Mutual Life Insurance believes it will increase productivity by 30% Photograph: Toru Hanai/REUTERS

blockchain
phones contracts
analytics
drones smart lot
digital platforms
data A telematics
mobile computing
Cloud



2

Underlying Drivers of Innovation

1. Digital adoption along the insurance value chain will drive significant efficiency gains

Potential Reduction in Combined Ratio (%) 99% 4-5% 6-7% 6-10% 78-82% Value Claims expenses 6.7% Non Claims expenses 37% Baseline insure Automating processes (admin, policy servicing, claims mgml) Uigital & online Sales Big data (pricing & Digital b online) fraud detection) plicy servicing, claims mgml) Source BCG Analysis, Morgan Stanley Research

Technology

Technology

Digital end decision making

Digital insurer

Organize for digital

Digital control controlly

Digital processes

Confluence of data science and technology will upend the traditional insurance business

- "Digital insurer" combined ratios lower by 17-21% vs traditional insurer
- Efficiency and effectiveness enhanced through:
 - Process automation STP
 - Improved pricing with big data; and
 - Lower cost / higher productivity distribution channels – direct / hybrid

Unlocking the full potential of digitalisation requires an enterprise-wide approach

- Digital strategy that is integrated into overall business strategy
- Focus on whole customer journey
- Culture, talent and structure aligned to innovation



Underlying Drivers of Innovation

2. Proliferation of advanced sensors and data analytics to transform traditional business models



Growth of Global Data (zettabyte) 1 ZB ↓ 1 Trillion GB 7.9 ZB 2010 ——2015 ——2020

Internet of Things (IoT) present new ways of assessing and managing risks

- Cheap, connected smart sensors enable real-time monitoring of risk, such as driving behavior, heat/fire, water, leakage, biometric information
- Risk pools to shrink through adoption of smart devices by
 - 40-60% in household insurance; and
 - 15-25% in motor insurance²

Traditional insurers could be sidelined by connected homes/cars ecosystem

Substantial involvement and investments in consumer tech by big companies such as Google and Samsung reduce the economics and need for future insurance partner



Underlying Drivers of Innovation

3. Changes in consumer expectations and behavior to drive towards more consumer-centric models

Frequency of Interactions by Industry 100% 100

Consumer Satisfaction with Online Experience by Industry



Insurance industry are laggards in digital space

- Consumers have interacted less with insurers (1-3 interactions per year), resulting in poor consumer experience, especially during claims
- Consumers' satisfaction with online insurance lags behind other industries
- Lack of customer touchpoints means less insight into consumers' needs

Digitalisation is part of consumers' expectations

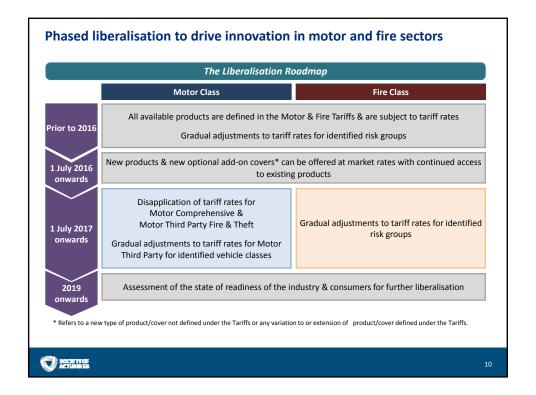
- Millenials and 'digital natives' have expectations for technology-based services, convenience, transparency, speed, regular engagement and personalized experience
- Mobile technology presents opportunities to lower operational costs, improve scalability and enable more affordable and accessible products



Pressing need for innovation to address protection gap in Malaysia Increasing accessibility and affordability of insurance Malaysia's Life Insurance/Family Takaful Penetration Rate Insurance penetration plateaued, with significant protection gap 60 • Only 35% of the population have at least 1 life 50 Number of policies per capita insurance/family takaful policy 40 Only 4% of B40 households have insurance 30 Number of policies per capita (without multiple policies) 20 2013 2014 2011 2012 Heat Map on Insurance Branch Network Lack of outreach outside urban centres 60% of agents serve Klang Valley, Johor and Insurance spending concentrated on affluent segment of society POCETIFOR STATES



Direct Distribution Channels for Pure Protection Products Key Principles Policy Requirements Accessibility Distribute either through head office and branch premises or online platform Provide reasonable level of coverage with maximum sum assured no less than RM200k (by 1 July 2017) and RM500k (by 1 Jan 2018) Consumer-centric Provide suitability assessment tools to perform self-assessments (i.e. needs analysis calculator and financial budget calculator) Provide customer support services and electronic payment options Make available, at a minimum, a term product with no surrender benefits Comparability Quote premiums in denominations of RM1,000 Affordability Pure protection products should be priced affordably METUMBLES



Objectives of Liberalisation of Motor Tariffs

1. More equitable pricing

- Pricing will take into account a broader set of risk factors and reduce cross subsidization across business classes and risk groups
- ✓ Incentivise good risk management and safe driving behaviour among consumers
- Over time, premium rates for risk groups would adjust to changes in underlying risks, enabling more consumers to benefit from lower premiums in line with improving risk profiles

2. Ensure long-term sustainability of protection

- ✓ Continued access to motor insurance protection for consumers
- ✓ Improvements in overall risk profile from lower incidents of accidents and thefts is important to contain increases in claims costs and premiums

3. Spur innovation and expand consumer choice

- New and differentiated products that are more tailored to circumstances of individuals and businesses
- Healthy competition will drive improvements in service quality and customer experience (e.g new distribution channels)





Product innovation in tandem with enhanced consumer experience

For an orderly implementation of the phased liberalisation, innovations must take place alongside ongoing efforts to improve the customer experience and public understanding

Ease of "shopping around"

- Consumers able to compare products and obtain quotations easily

Industry-wide effort in combating fraud

 Provide quality data to ISM Fraud Information System for credible industry statistics in fraud prevention

Accident Assist Call Centre

- Primary helpline for public on queries and assistance on motor insurance



Staff and intermediaries are well equipped with product knowledge

- Agents & employees able to explain how premiums & features relate to risk factors

Commit resources to raise consumer awareness on liberalisation

 Implement appropriate communication plans and awareness activities on purchasing insurance in a liberalised market

High standards of disclosure

- Provide adequate information and facilitate informed purchase of products



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Envisioned future enhancements to the motor claims infrastructure

To increase efficiency and effectiveness motor claims settlement process

Establishment of - To resolve dispu

Establishment of Dispute Resolution Mechanism

- To resolve disputes in claims assessment between insurers and repairers

Enhancements to the industry motor repairs database

- Better quality data and information with increased transparency in motor repairs

Motor Third Party policyholders to make property damage claim through own insurer

- Better control over property damage claims submitted by third party claimants

Better infrastructure for accident notification

- First Notice of Loss (FNOL) linked to emergency services, initial damage assessment and repairer assignment

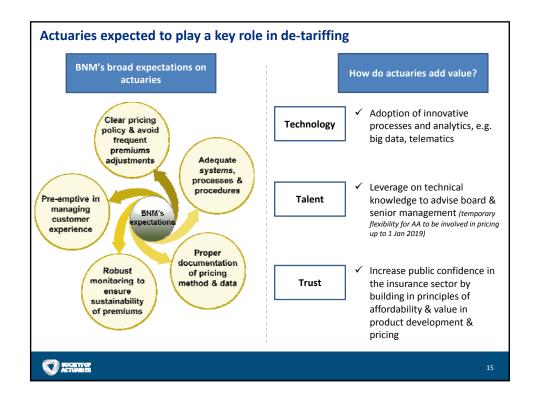
E-reporting for motor accidents

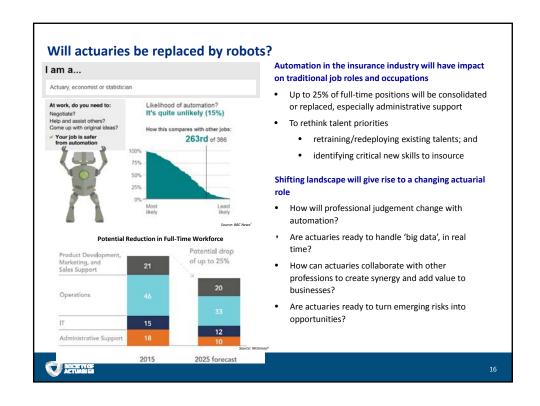
- Quick and hassle-free reporting of accidents to the police

New technologies to combat vehicle theft

- RFID tags to record vehicle movement at borders and highways







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