

### **Innovation Panel**

#### **Alice Keung**

Senior VP and Chief Information Officer Economical Insurance

#### **Tim Ramza**

Executive VP and Chief Innovation Officer Manulife

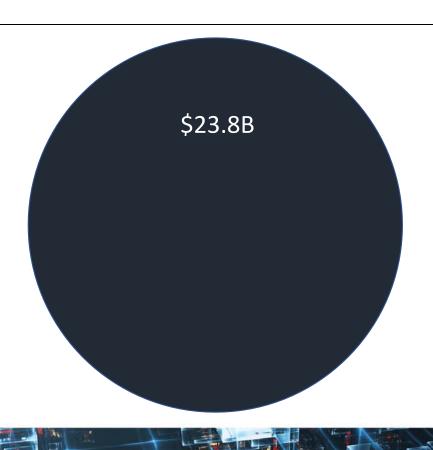
#### **Mark Showers**

Interim CEO, RGAx – Americas Chief Solutions Officer, RGAx





# 2016 FinTech Investing







# 2016 InsurTech Investing







### 2016 Insurtech Landscape



Source: CB Insights, Venture Scanner







## **Insurtech Startups by Country**

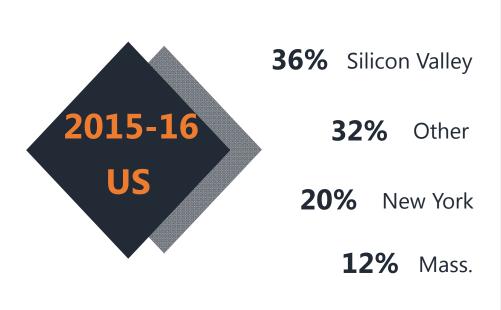


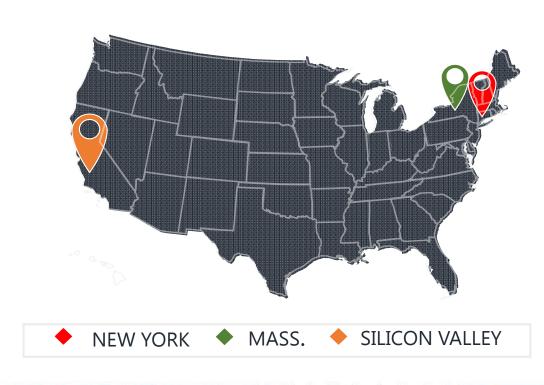






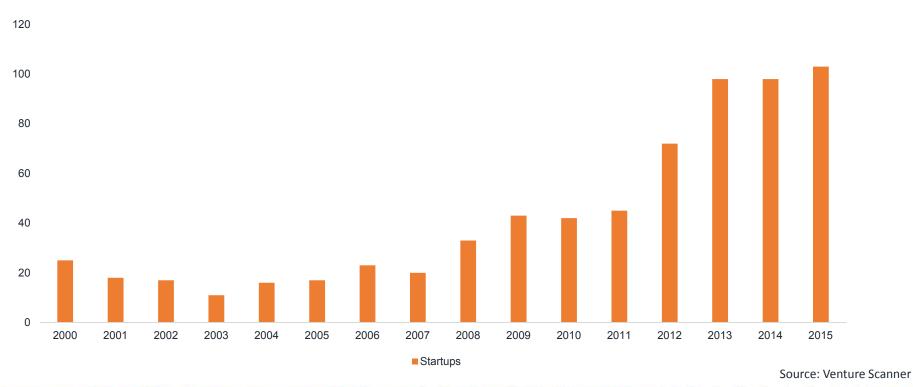
## **Insurtech US Deals by Geography**







### **Insurtech Startups Founded by Year**

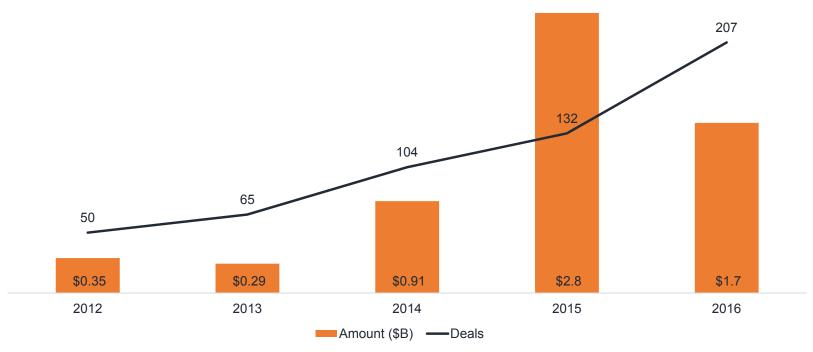








### **Insurtech Annual Financing Trend**









### **Insurtech Startups by Line of Business**

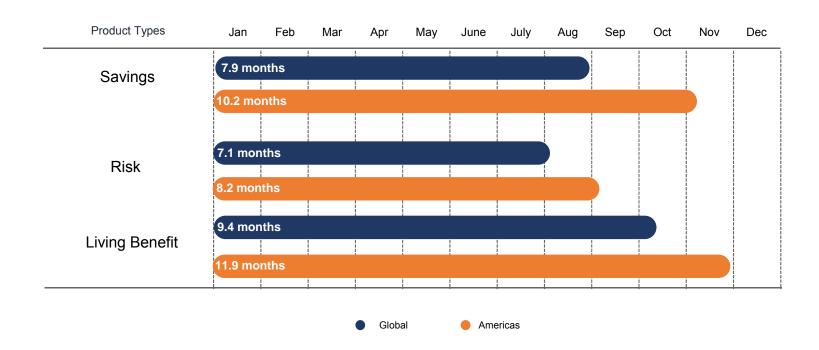


Source: McKinsey





### **Average Time from Idea to Launch**







### **Insurtech Startups by Category**



Source: Venture Scanner

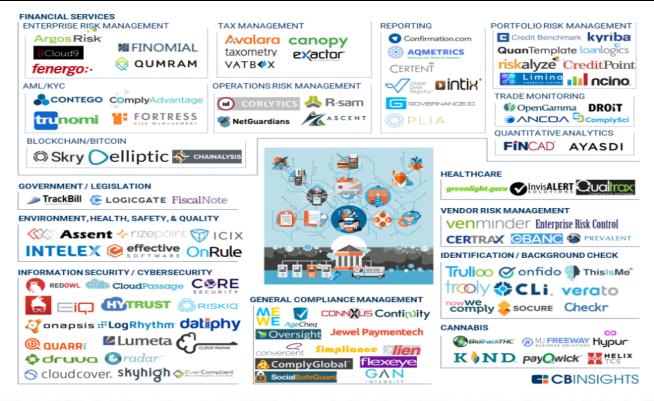








### Regtech Startups by Category







# **Top US 10 Fintech Deals 2016**

oscar	\$400M (Series C // Q1'16)
Pa oneer	\$180M (Growth Equity // Q4'16)
Clover	\$160M (Series C // Q2'16)
stripe	\$150M (Series D // Q4'16)
<b>PaySimple</b>	\$115M (Private Equity // Q4'16)
<b>Inetromile</b>	\$103M* (Series D // Q1'16)
⊿ffirm	\$100M (Series C // Q2'16)
Betterment	\$100M (Series E // Q1'16)
bright	\$80M (Series A // Q2'16)
Stone Eagle	\$76M (Growth Equity // Q1'16)







### Notable US InsurTech Start-ups













### Notable Canadian InsurTech Startups













#### Most Active VC Firms in InsurTech



























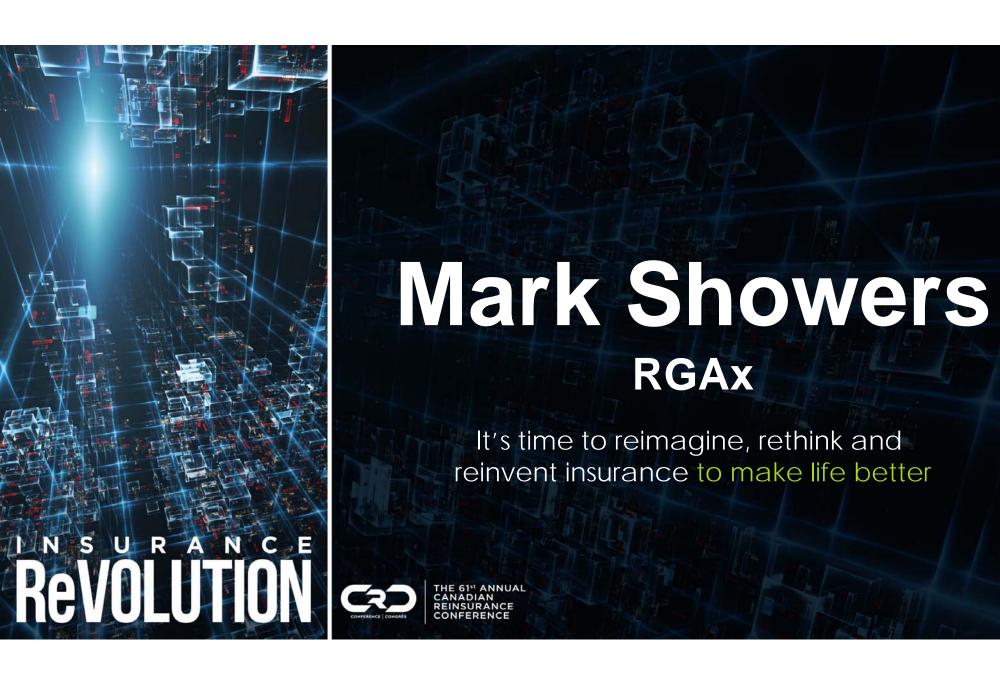




### (Re)Insurers Active in InsurTech

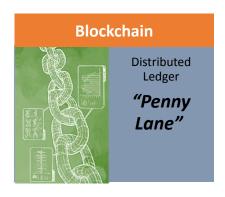




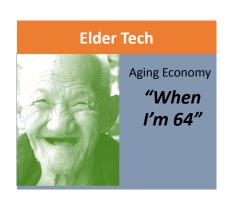


# Eight tech revolutions that will impact life insurance





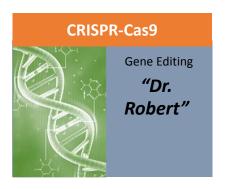
















#### What is RGAx?

RGAx was created to make big leaps, not just baby steps.



#### An Innovation Studio

We keep our idea monster well fed by tapping our internal genius as well as brilliant external partners. Ideas are turned into formal problem statements, and we test proposed solutions vigorously until they are proven scalable.

#### A Business Accelerator

Business concepts that pass validation are inherited by our entrepreneurs in residence and internal staff to lead prototype initiatives; Once we hit scalable metrics they move into full-blown lines of business / businesses with their own P&L, Staff, etc.

#### Subject Matter Experts

Our team's skill set runs deep, with experience in actuarial, underwriting, product, industry research, health, and other disciplines. We put that experience to work, building the future of insurance with our underwriting, marketing, distribution, and data analytics.

#### A Network of Strategic Partners

We rocket-power our solutions by co-innovating and co-creating with some of the brightest players in the business. By putting our heads together and pooling resources, one plus one can start to look like something much, much bigger.





### Innovation requires an ecosystem

Partnerships & strategic investments to co-create and co-innovate



#### Making life insurance tangible:



#### **Comprehensive Secure Life Planning Platform**

#### **Everplans helps grow business and empower agents:**



Starting New Conversations



Networking and Referrals



Better Fact Finding



Building Customer Loyalty

Over 95% of consumers surveyed stated they need help in organizing their documents, including a <u>secure</u> place to store documents so family members could access easily.

#### **Overview of platform**







# Integrated software platform designed for older adults and those with disabilities



#### **Family of Offerings**





For our clients in Senior Living Communities (Today)





For our clients supported by Professional Caregivers (2017)





For our clients living at home & their family caregivers (2017)

# TrueRisk® Life Model validation – insured lives study

Fully Underwritten Mortality Study

Segmentation exists within risk classes; Mortality for worst TRL scores (71-100) are about double that of best risks (1-10); Non-smokers are shown, but results are similar for smokers. Mortality by Underwriting Class Issue Age < 70 250% 200% Relative Mortality Claim Count 150% 100% 50% 0% 81-90 31-40 41-50 61-70 91-100 21-30 31-40 3140 41-50 51-60 61-70 81-90 91-100 21-30 51-60 71-80 41-50 Non-Preferred NS Preferred NS Substandard NS TrueRisk® Life Score Claim Count Relative Mortality







It's time to reimagine, rethink and reinvent insurance to make life better



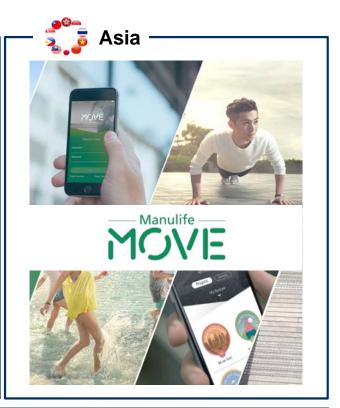


#### From an insurance product manufacturer to a global wellness champion

Launched wellness solutions in the US, Canada and Asia in 2016; leveraged learnings and enhanced offerings with each new launch





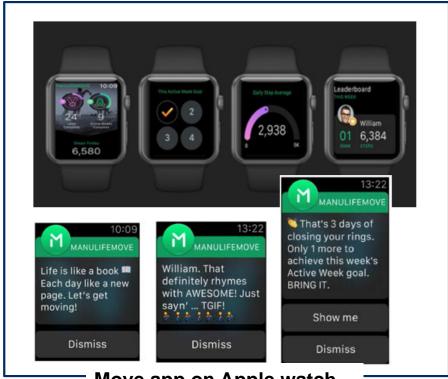




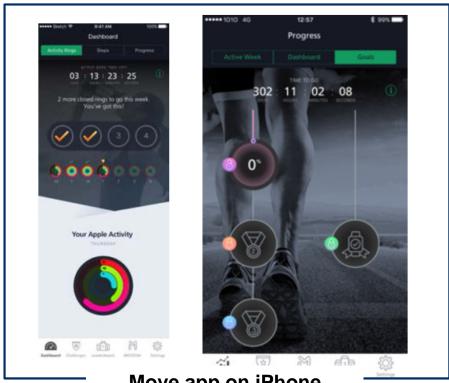
John Hancock.

#### **Evolving capabilities and enhancing products through partnering**

Launched partnership with Apple to establish a benchmark for integrated experience







Move app on iPhone





