

# FinSurTech



please consider disclaimer and sources

new  
insurance  
business



Rentenphase – entscheidend für die zweite  
Hälfte ist nicht die Startrente!



Evapix



VODCAST | INSURANCE IN MOTION | Episode ONE (GER...  
New Insurance Business

## New Business Strategy – too sweet to be ignored!



■ The core idea and need of insurance will last but this may not hold true for a life insurance company and the current best practice. For a company it is time to reconsider the existing business model and the way it does business today. The present situation requires a vigorous change in thinking and acting

# Actuary. Product Freak. Loves Life Insurance.



please consider disclaimer and sources



Kennzahlen laden gerne zum Vergleichen ein,  
doch hier sollten Sie es nicht tun

**Yes, we change! A vigorous change is the only option  
for a life insurance company**



Frank Genhelmer

*Life insurance business is in a transition process. This transformation is no ordinary evolution because it already becomes apparent that the magnitude of change is bigger and the speed at which the change will move through the industry will be significantly higher than ever before. It will be a fundamental change – a revolution – through which life insurance business will reach the next level at last. The basic idea*

*is to move from a product-oriented environment, the Fintech and Insurtech movement, respectively (afterwards simply called «Fintech»).*

*Actually, life insurance industry is in a major upheaval and in a life crisis. The industry has to deal with several challenges on several levels. On macro level, the changing individualism of customers in the low interest rate environment*



**new  
insurance  
business**

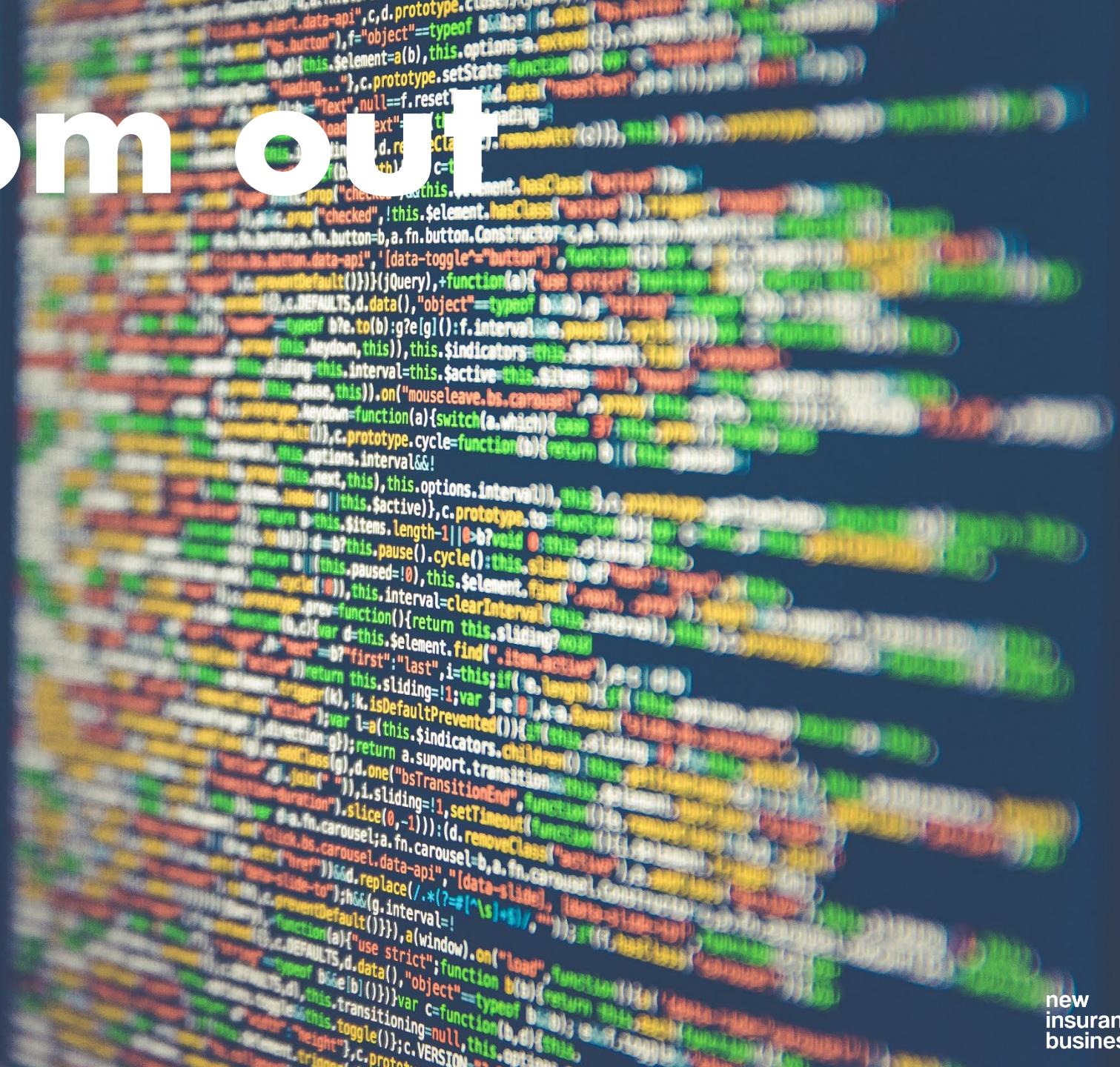
# ! WARNING !

VIEWER  
DISCRETION  
IS ADVISED

The following content can be disturbing for a sensitive, traditional and backward-oriented industry participant.

please consider disclaimer and sources

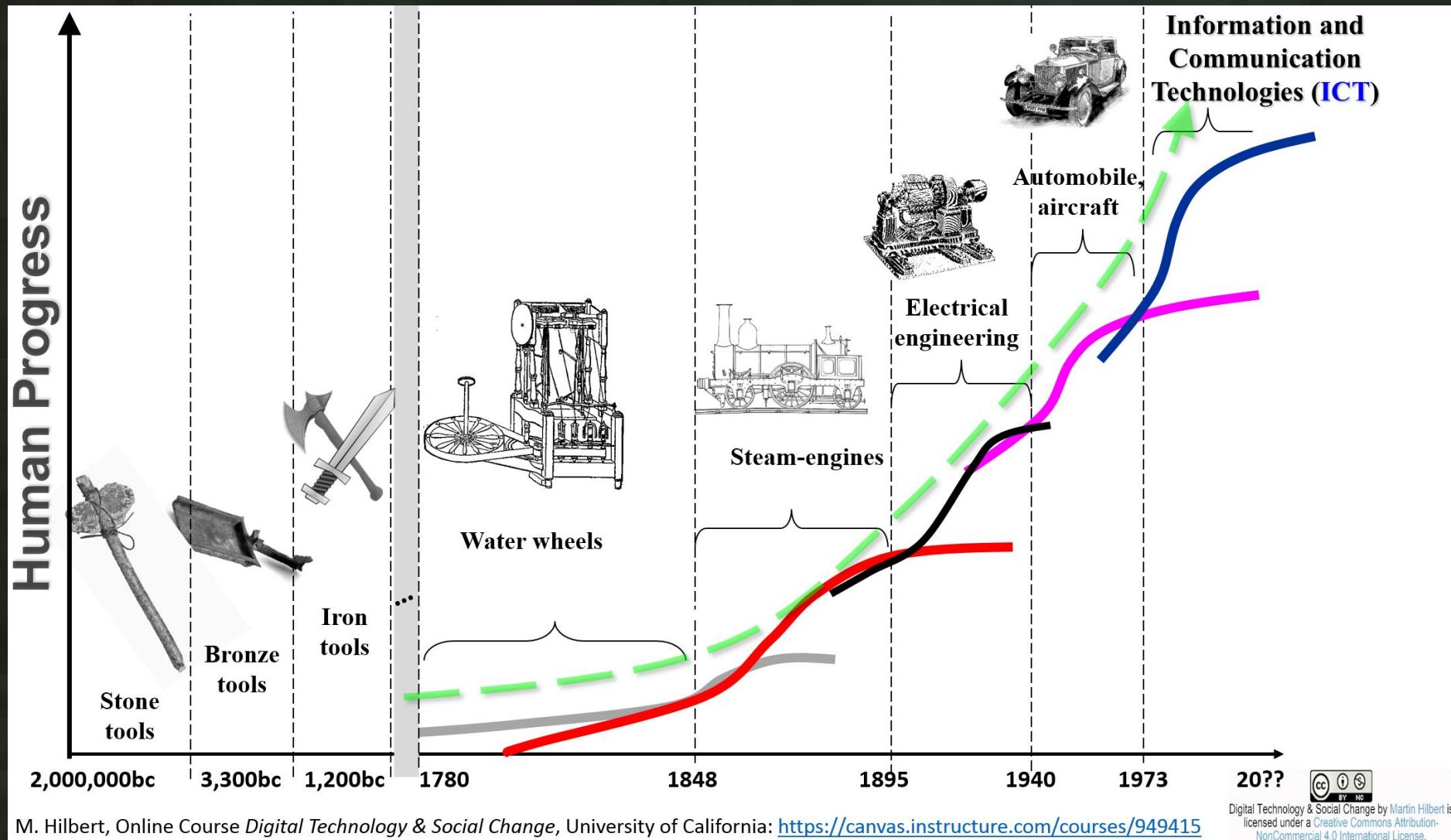
# let's zoom out



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new  
insurance  
business

# Technology has always been a driving force!



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# **Major revolutions of humankind**

**cognitive revolution (~70.000 years ago)**

**agricultural revolution (~10.000 years ago)**

**scientific revolution (~500 years ago)**

**industrial revolution (~250 years ago)**

**technological & digital revolution (now!?)**

# **FinSurTech**

**FinTech = merger of Finance and Technology**

**InsurTech = merger of Insurance and Technology**

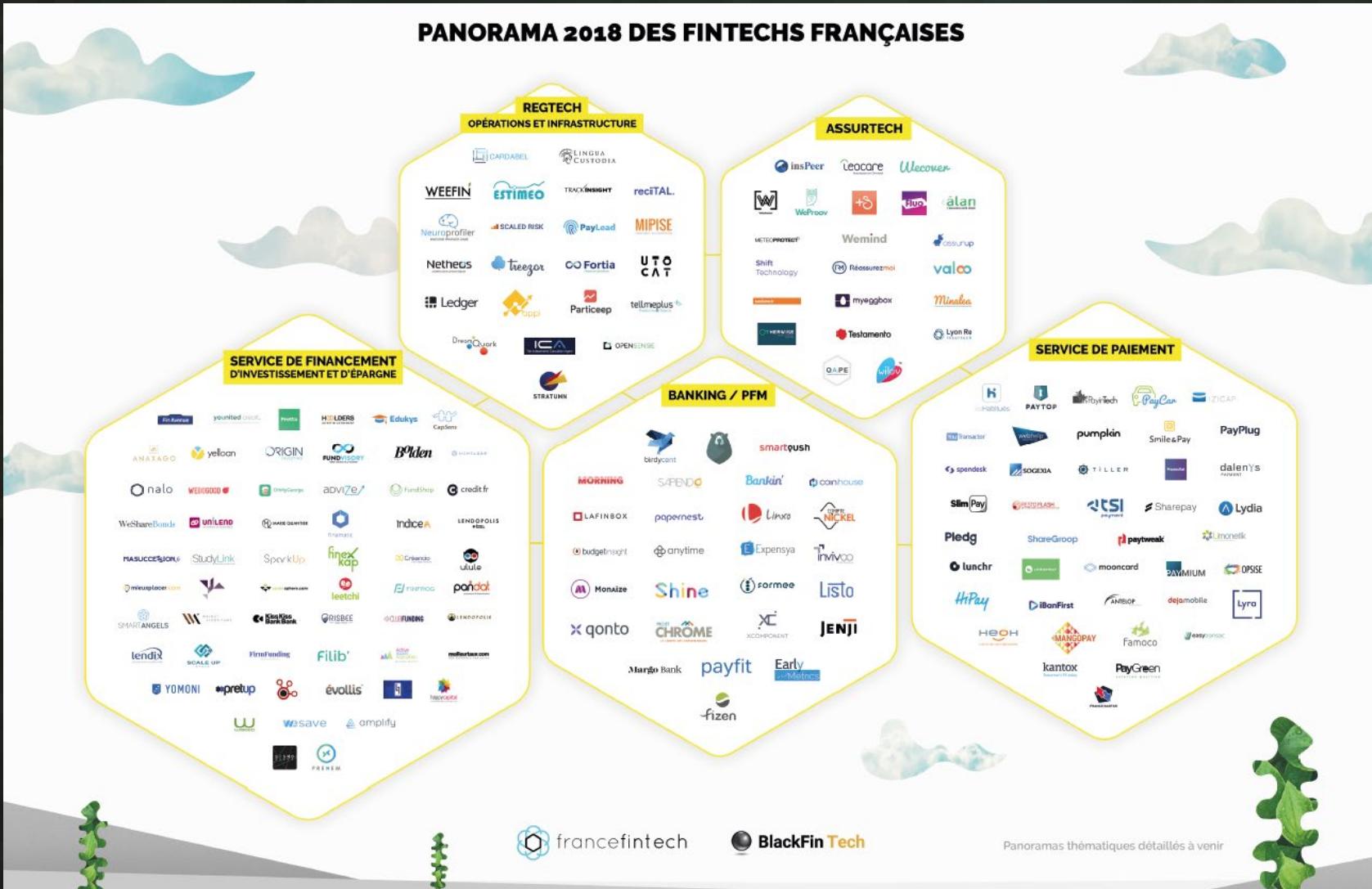
**FinSurTech = merger of FinTech and InsurTech**

# FinTech Landscape Germany



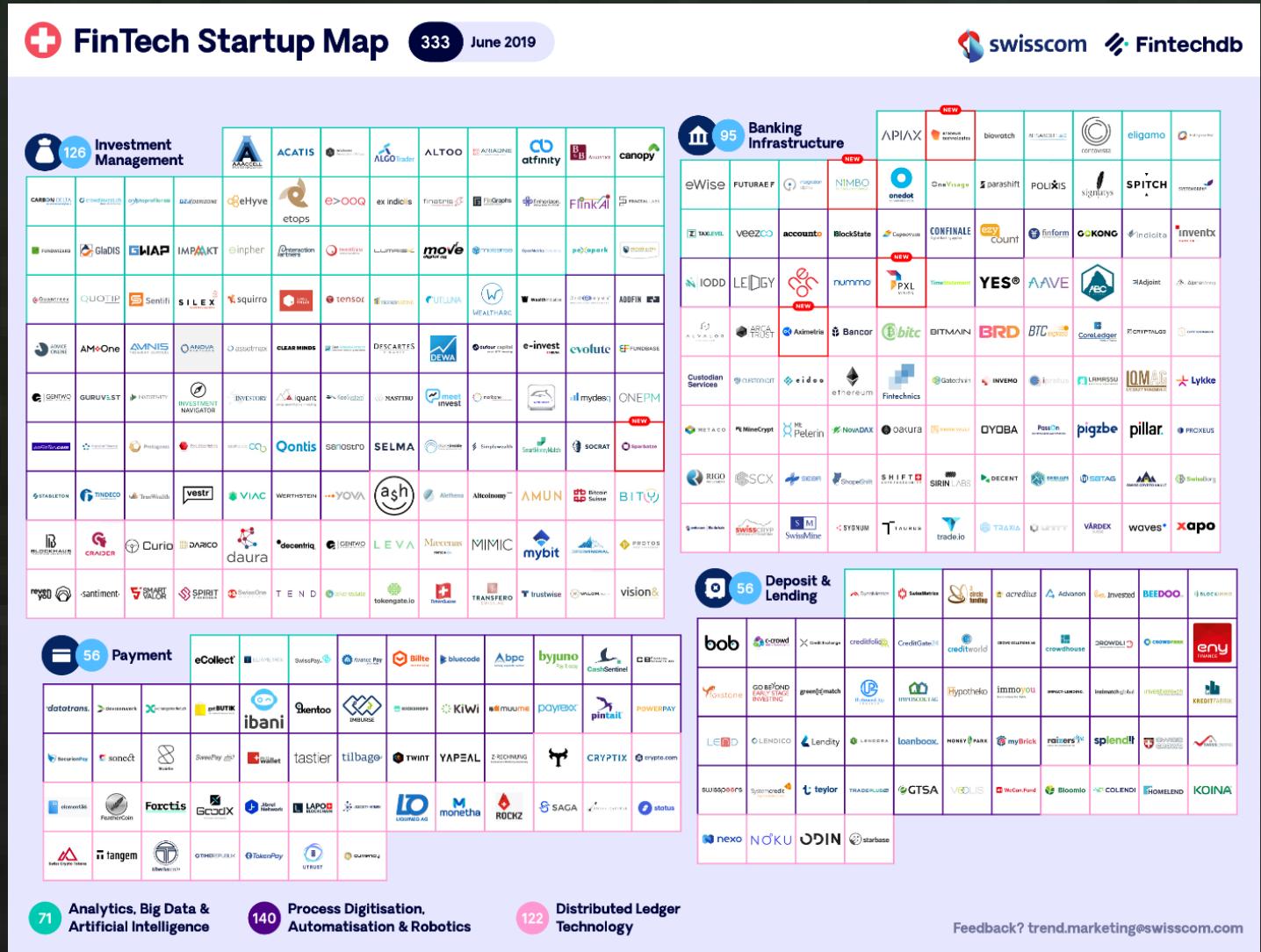
please consider disclaimer and sources

# FinTech Landscape France



please consider disclaimer and sources

# FinTech Landscape Switzerland



please consider disclaimer and sources

# FinTech Landscape Cambodia



please consider disclaimer and sources

# Cooperation Mode



please consider disclaimer and sources

# InsurTech



please consider disclaimer and sources

# FinTech & InsurTech Funding 2019

FinTech

## Financing

Approximately

**\$44.6 billion**

in Financing volume

&

**1,813**

transactions

2019 was the largest year ever in terms of number of transactions and second largest year ever in terms of dollar volume

InsurTech

## FINANCING

Approximately

**\$6.8 billion**

in financing volume

&

**~250**

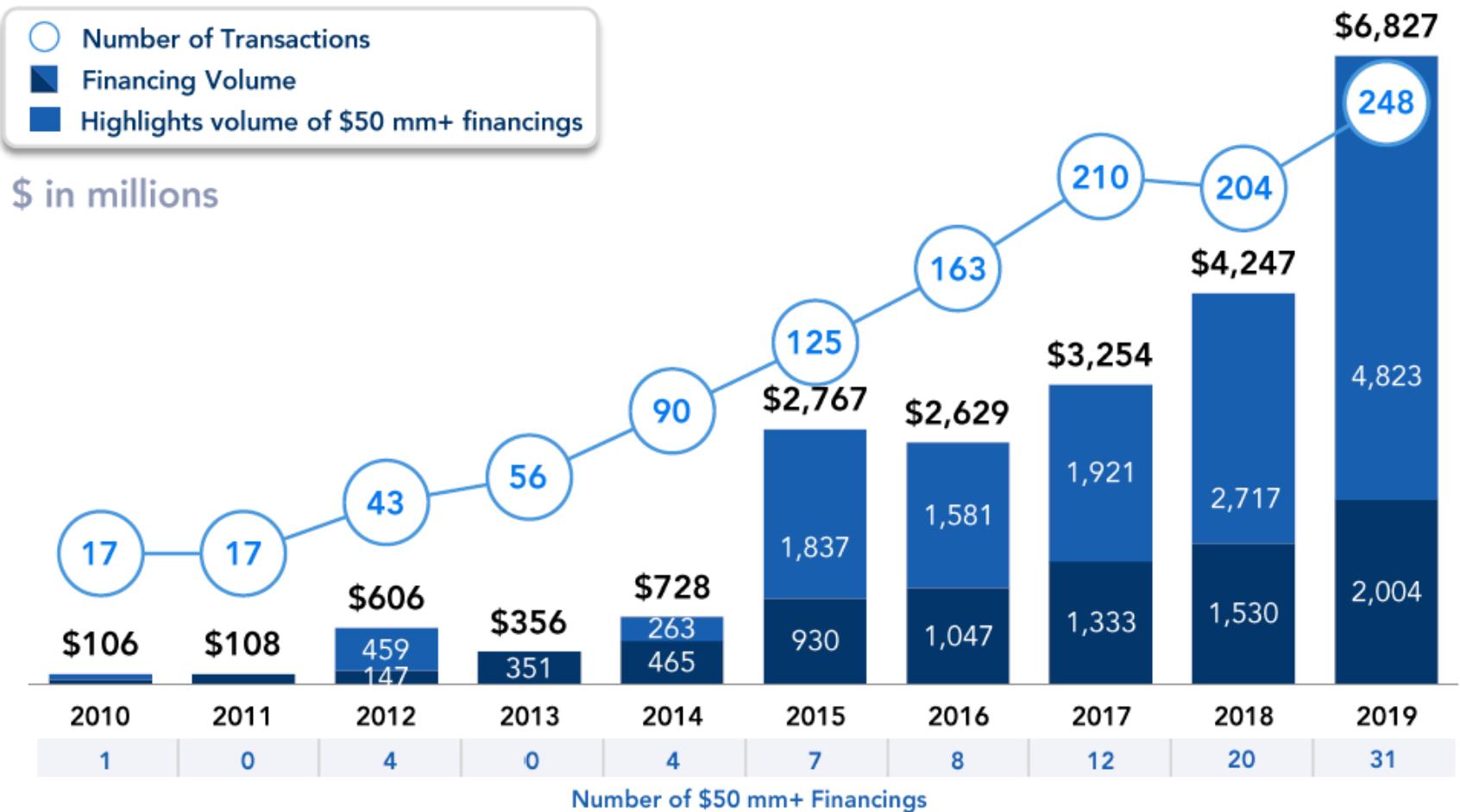
transactions

Record high financing volume and deal count in 2019

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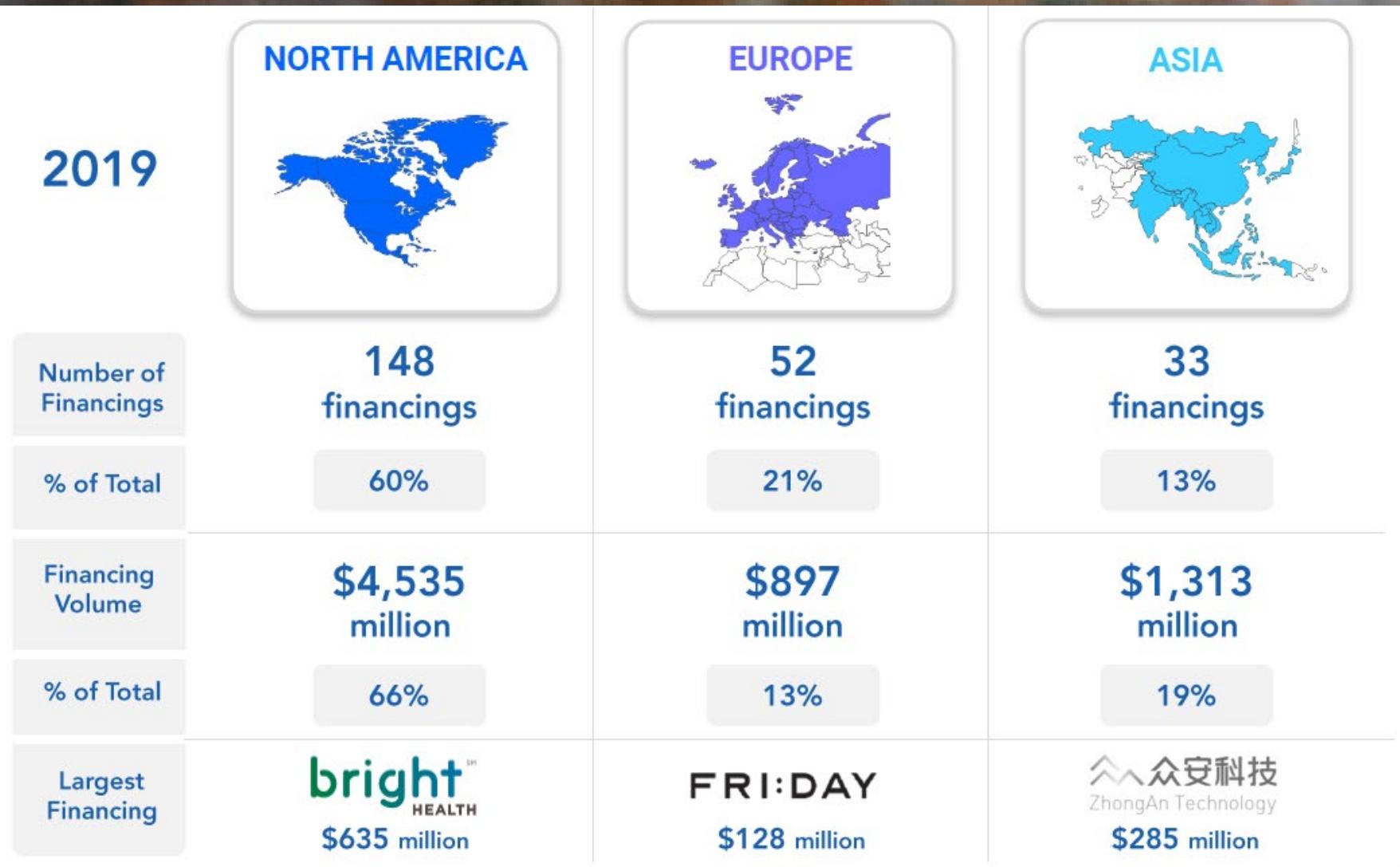
# InsurTech Funding | History

InsurTech Private Company financing volume and deal count reached a record level in 2019, driven by a significant increase in financing rounds of more than \$50 million



please consider disclaimer and sources

# InsurTech Funding | Global Split



# Insurer investing in InsurTech

AXA Venture Partners	Axa	Munich RE Ventures	hannover re
<b>BIOBEATS</b>	evercontact		
 Blockstream	 Thimble		
 policygenius	 FUTURAE		
LimelightHealth	 CONTGUARD SHIPPING WITH INTELLIGENCE		
 ONE, INC.	 FLYR		
 modern MESSAGE	Cognism		
 Particeep	happytal		
 wellth	 INCEPTO		
Netheos	 Tanker		
 NEURA	 LYRIC		
 qloo	mindoula		
 SecurityScorecard	phenom people		
 signUp.com	hackajob		
 FORCEMANAGER	 hint		
 CONTRAST SECURITY	 goji		
 CONNECT	jobble		
ZENJOB	 ZENJOB		
	 N26		
	 Lemonade		
	 abracar		
	 1QBit		
	 American Well		
	 BIMA		
	 C2FO		
	 DRL		
	 FORMULA E		
	 gojek		
	 HeavenHR		
	 nauto		
	 Quantemplate		
	 simplesurance		
	 URGENTLY		
		relayr.	
		 NEXT INSURANCE	
		 INSHUR	
		 helium	
		 SUPER	
		 AUGURY	
		 Hippo	
		 Forge	
		 mnubo	
		 RIDECELL	
		 Slice	
		 SPRUCE	
		 ticker	
		 TEAM8	
		 we predict	
		 zeguro	
			 Debeka
			 ottonova
			 SIGNAL IDUNA
			 finleap
			 VKB
			 finleap

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# InsurTech waves

1<sup>st</sup> wave



3<sup>rd</sup> wave

nexible

FRI:DAY



Lemonade

OSCAR

2<sup>nd</sup> wave

**front office  
to back office**

4<sup>th</sup> wave

**already  
coming**

# InsurTech Funding | Ranking 2019

Announce Date	Company	Investor(s)	Amount (\$ in mm)	Country
12/17/19	bright <sup>SM</sup> HEALTH	NEA; Bessemer Venture Partners; Cross Creek Advisors; Declaration Partners; Flare Capital Partners; Greenspring Associates; Meritech Capital Partners; Redpoint Ventures; Town Hall Ventures	635	USA
01/29/19	Clover	Greonoaks Capital Management; Undisclosed Investors	500	USA
09/09/19	Root Insurance Co	Coatue Management; DST Global; Undisclosed Investors; Drive Capital; Scale Venture Partners; Redpoint Ventures; Ribbit Capital; Tiger Global	350	USA
04/11/19	Lemonade	SoftBank; Allianz SE; General Catalyst; GV; Thrive Capital; OurCrowd; Digital Horizon	300	USA
07/19/19	众安科技 ZhongAn Technology	ZhongAn; Sinolink Worldwide Holdings	285	China
10/07/19	NEXT INSURANCE	Munich Re Group	250	USA
06/17/19	Collective Health	SoftBank Vision Fund; PSPIB; DFJ Growth; G Squared; Founders Fund; GV; Maverick Ventures; Mubadala Ventures; NEA; Sun Life Financial; Undisclosed Investors	205	USA
07/24/19	gusto	Fidelity Management & Research Company; Generation Investment Management; Dragoneer Investment Group; General Catalyst; T. Rowe Price	200	USA
05/09/19	policybazaar	SoftBank Vision Fund; True North Venture Partners; Info Edge; Tencent	152	India
09/13/19	ELEMENT AI	BDC Capital; CDPQ; Data Collective; Government of Quebec; Hanwha Asset Management; McKinsey & Company Inc.; Real Ventures	151	Canada
11/09/19	policybazaar	Tencent	150	India
06/12/19	SHUIDI	Boyu Capital Consultancy; Tencent; CICC; Banyan China	145	China
03/07/19	FRI:DAY	SevenVentures; GMPVC German Media Pool; Baloise Holding	128	Germany
03/05/19	wefox GROUP	Mubadala Ventures; CreditEase; Salesforce Ventures	125	Germany
12/09/19	Duck Creek Technologies	Dragoneer Investment Group; Neuberger Berman; Insight Partners; Temasek	120	USA

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# Excursus: WEFOX Group

## Wefox, the Berlin-based insurtech, raises \$110M Series B extension

Steve O'Hear @sohear / 8:00 am CET • December 11, 2019

 Comment



[Wefox Group](#), the Berlin-based insurtech startup behind the consumer-facing insurance app and carrier One and the insurance platform Wefox, is disclosing \$110 million in a second tranche of Series B funding. Sources tell TechCrunch that this gives the company a pre-money valuation of \$1.65 billion. **Wefox Group** declined to comment on the financials.

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# Excursus: WEFOX Group

- 2014 founded as FinanceFox in Switzerland
- 2017 re-branding to WEFOX
- 2017 100.000 retail clients
- 2019 > 500.000 retail clients
- financing:
  - 2016 (seed): 5,5 Mio. USD
  - 2017 (series A): 30 Mio. USD
  - 2019 (series B): 125 Mio. USD
  - 2019 (series B ext.) 110 Mio. USD

Schweizer InsureTech  
Wefox „fusioniert“ mit  
österreichischer „Die  
Maklergruppe“

Die Digitalversicherungs-Gruppe mit Sitz in Berlin übernimmt den Broker SAM Versicherungen in Roggwil.

# Excursus: WEFOX Group



- platform and market place for retail clients, insurers and brokers
  - > 2.000 brokers onboarded
- own broker licence
- <https://www.wefox.de/>
- insurer (LIE)
  - P&C licence
- founded in 2018
- <https://www.one-insurance.com/>

# Ecosystems

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# Ecosystems

- **union of different providers around a specific topic**
- **providers usually come from different industry sectors**
- **full focus on customer**
- **goal is to serve the customer on this particular topic holistically**
- **value chain → value network**

please consider disclaimer and sources



#home

#mobility

#health

#finance

# Major Ingredients of an Ecosystem

**Initiator &  
Orchestrator**

**Cooperation  
Partner**

**Front-End**

**APIs**

**Products &  
Services**

**Back-  
End**

**Data**

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please consider disclaimer and sources

# #allriskpolicy



please consider disclaimer and sources

# #lifestylecoach



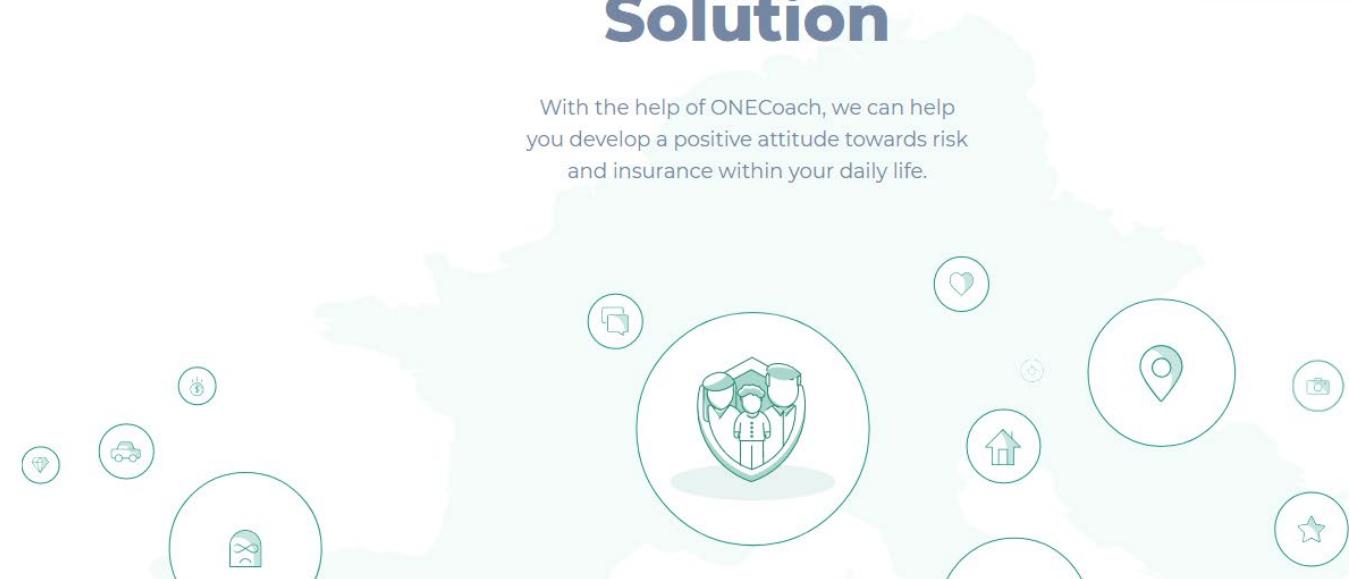
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new  
insurance  
business

# Excursus: WEFOX Group

## The first Geo Predictive Insurance Solution

With the help of ONECoach, we can help you develop a positive attitude towards risk and insurance within your daily life.



### Versicherung goes Lifestyle: Der ONECoach

Wer sagt, eine Versicherung braucht man nur im Schadensfall? Der ONE Coach ist dein alltägliches Optimierungstool. Mit deinen Gewohnheiten, Daten und dem standortbasierten Geo-Trigering werden wir deine Versicherungen noch besser an dein Leben anpassen. Außerdem kannst du künftig für deinen nächsten City-Trip ein maßgeschneidertes Versicherungspaket abschließen – sofort, mit nur einem Klick in deiner ONE App.

### ONECoach

Welcome to the future of predictive risk and insurance. ONECoach is there to help you assess risk, reward you and then build insurance packages based precisely to your lifestyle.



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# Excursus: WEFOX Group



## VODCAST | INSURANCE IN MOTION | Episode ONE (Part I) | Oliver Lang | CEO One Insurance (WeFox Group)

New Insurance Business • 591 Aufrufe • vor 10 Monaten

This is the first part of episode ONE of my new VODCAST Insurance in Motion. I am driving with an insurance CEO on an eTukTuk ...



#financecockpit

PSD2

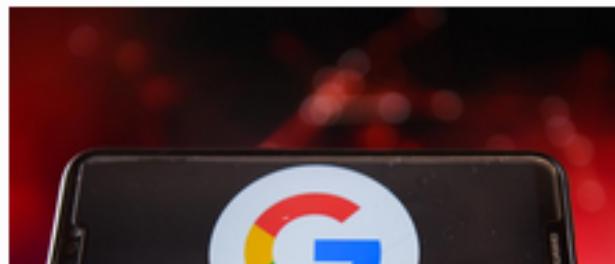
ISD

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4.659 views | Aug 14, 2020, 12:03pm EDT

# Google-BBVA Partnership Marks A Tipping Point For Big Tech In Banking

Instead, they are working with bank partners who already have the regulatory practices in place. BBVA USA, formerly BBVA Compass, has announced that it is



collaborating with Google to offer consumers a digital bank account through Google Pay.

11.07.2019 UNTERNEHMEN & MANAGEMENT

## Allianz entwickelt eine eigene Finanzplattform

Von VW-Redaktion

Versicherungswirtschaft HEUTE



17.01.2020 Caspar Tobias Schlenk | Fintech

## Allianz-Fintech Iconic startet mit neuer Marke „HeyMoney“

*Exklusiv: Mit einem zweistelligen Millionenbetrag soll die Allianz ihr neues Fintech Iconic finanzieren, ein erfahrenes Führungsteam ist engagiert. Finance Forward hat nun die Marke entdeckt, mit der das Fintech launcht.*

### Müssen Vermittler „Iconic Finance“ fürchten?

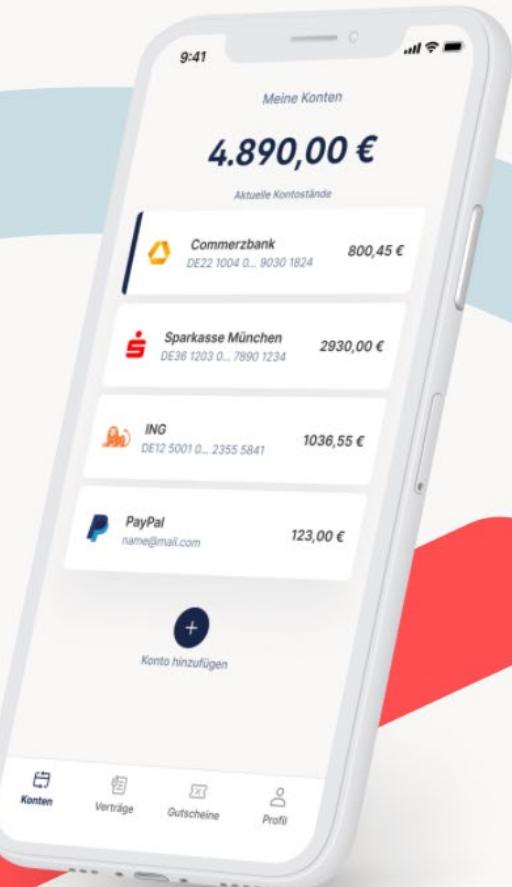
Was aber haben Vermittler von „Iconic Finance“ zu erwarten? Müssen sie zum Beispiel befürchten, dass sich die Allianz mit ihrem Plattform-Allrounder einen Betriebskanal aufbaut, der Vermittlern ein wichtiges Geschäft untergräbt? Dass solche Überlegungen nicht gänzlich unbegründet sind, zeigt ein Passus im Textbeitrag der „Gründerszene“.

So dürfe die Allianz „bei der Arbeit an dem Portal“ sich nicht „seine eigenen Versicherungsmakler vergraulen“, wie das Gründerportal formuliert. Aus diesem Grund wäre das Unternehmen „gerade auf Roadshow“, um „für das Projekt zu werben“.

## Heysimple

Heymoney ist dein Finanzbegleiter.

Verwalte deine Konten, Verträge und Versicherungen in einer App und optimiere deine Ausgaben.





# #finsurtech



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# FinSurTech

- **ecosystem «finance» is on its way**
- **renaissance of bancassurance  
(or is it «insurbanking»!?)**
- **a merger of «FinTech» and «InsurTech» is  
natural and logical**

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# bonus: sales meets AI



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it follows:  
a completely  
**fictitious** picture  
of the future

- **standing & reputation**
- **age structure**
- **pressure to sell**
- **commission cap**

- tech is optimizing **daily business** of the intermediary
- **administration** is taken over by the insurer or an InsurTech
- **intermediary focuses on advice and (fast and digital) conclusion of contracts**

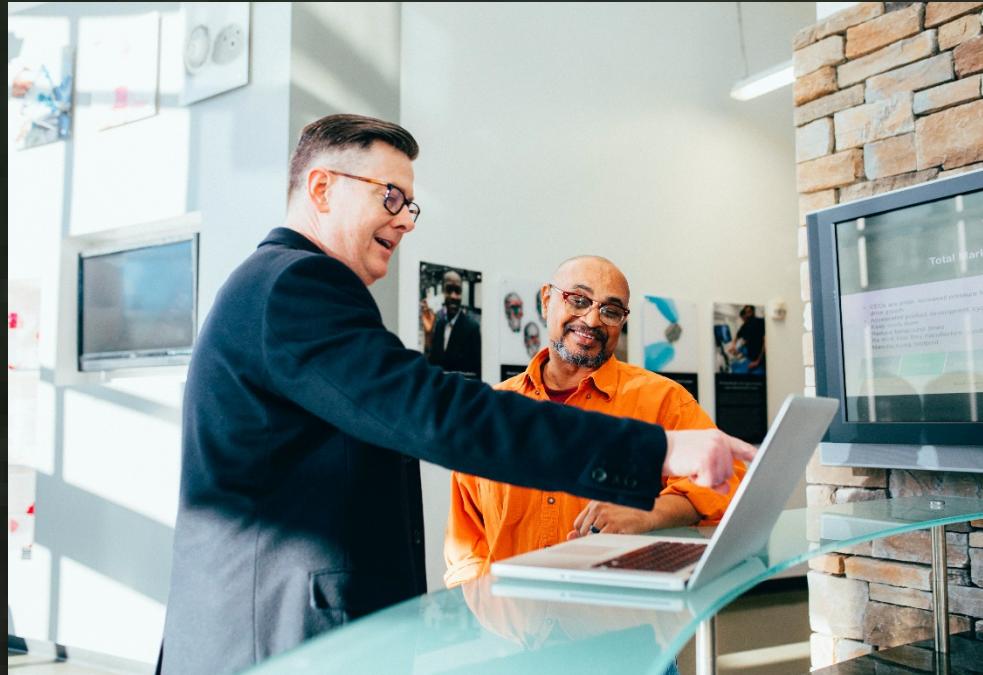


- **digital assistants support the intermediary**
- **digital assistants handle data and give valuable insights to the intermediary**
- **simple communication is done by this assistant, too**



# 2023

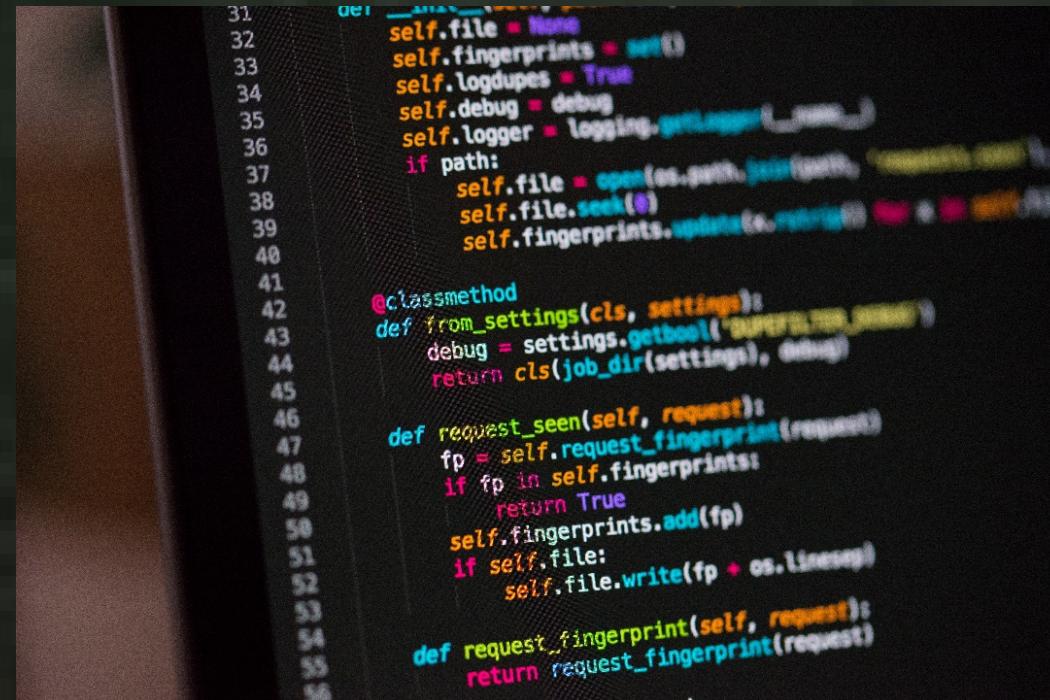
- intermediary develops into an «**ecosystem consultant**»



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# January 2024

- AI teaches itself financial planning
- and AI is better than any human



```
31     def __init__(self, job_dir):
32         self.file = None
33         self.fingerprints = set()
34         self.logdups = True
35         self.debug = debug
36         self.logger = logging.getLogger(__name__)
37         if path:
38             self.file = open(os.path.join(job_dir, 'seen.txt'), 'a')
39             self.file.seek(0)
40             self.fingerprints.update(line.strip() for line in self.file)
41
42     @classmethod
43     def from_settings(cls, settings):
44         debug = settings.getbool('general.debug')
45         return cls(job_dir(settings), debug)
46
47     def request_seen(self, request):
48         fp = self.request_fingerprint(request)
49         if fp in self.fingerprints:
50             return True
51         self.fingerprints.add(fp)
52         if self.file:
53             self.file.write(fp + os.linesep)
54
55     def request_fingerprint(self, request):
56         return request_fingerprint(request)
```

# April 2024

- AI based financial planning is standard on comparison portals and at Amazon Insurance
- this financial planning is «for free»



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# November 2024

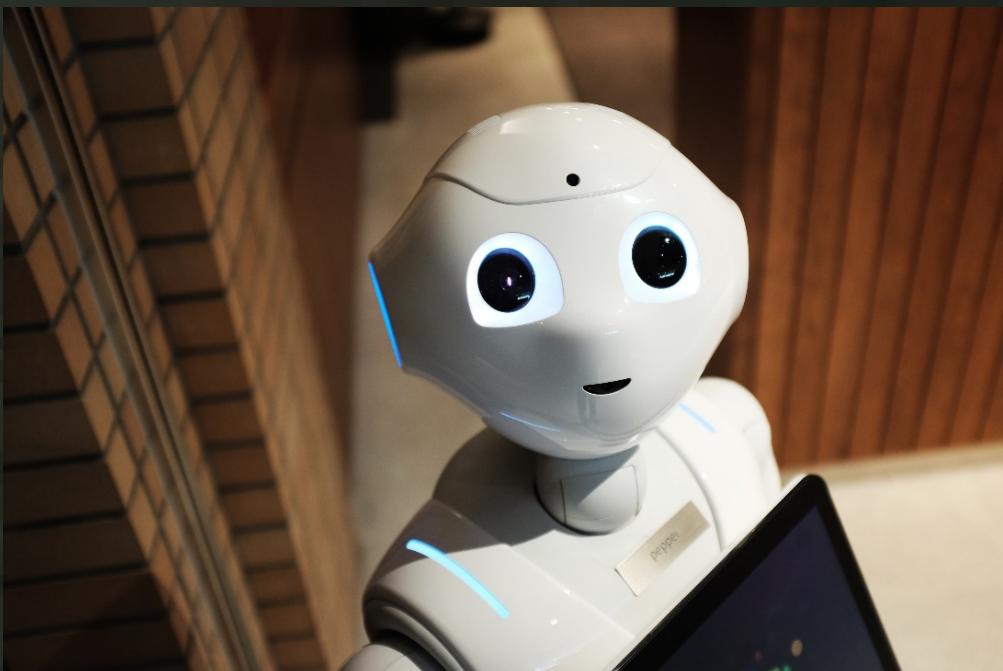
- **at first AI has its difficulties because it is so rational**
- **but then AI suddenly learns itself empathy & feelings**



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# 2029

- each person will have its own personal «AI Butler» who takes care of everything the person is asking for



N

Breakthrough  
Technology  
for the Brain

JOIN THE TEAM →      WATCH THE UPDATE →

A graphic showing a dark silhouette of a person's head in profile, facing right. To the right of the head are several icons with labels: a speech bubble for 'Stroke', a heart for 'Memory', a walking person for 'Paralysis', a ear for 'Deafness', and an eye for 'Blindness'. There are also small colored dots (pink and blue) scattered around the icons.

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# flashback to 2018

Deutsche Familienversicherung: Fully digital conclusion of contracts using Alexa

22.10.2018

Schnell nachgefragt  
Smart versichert



So geht Versicherung im Jahr

2

MINUTEN  
ABSCHLUSS

0

WARZEIT

1

MINUTE  
REGULIERUNG

8

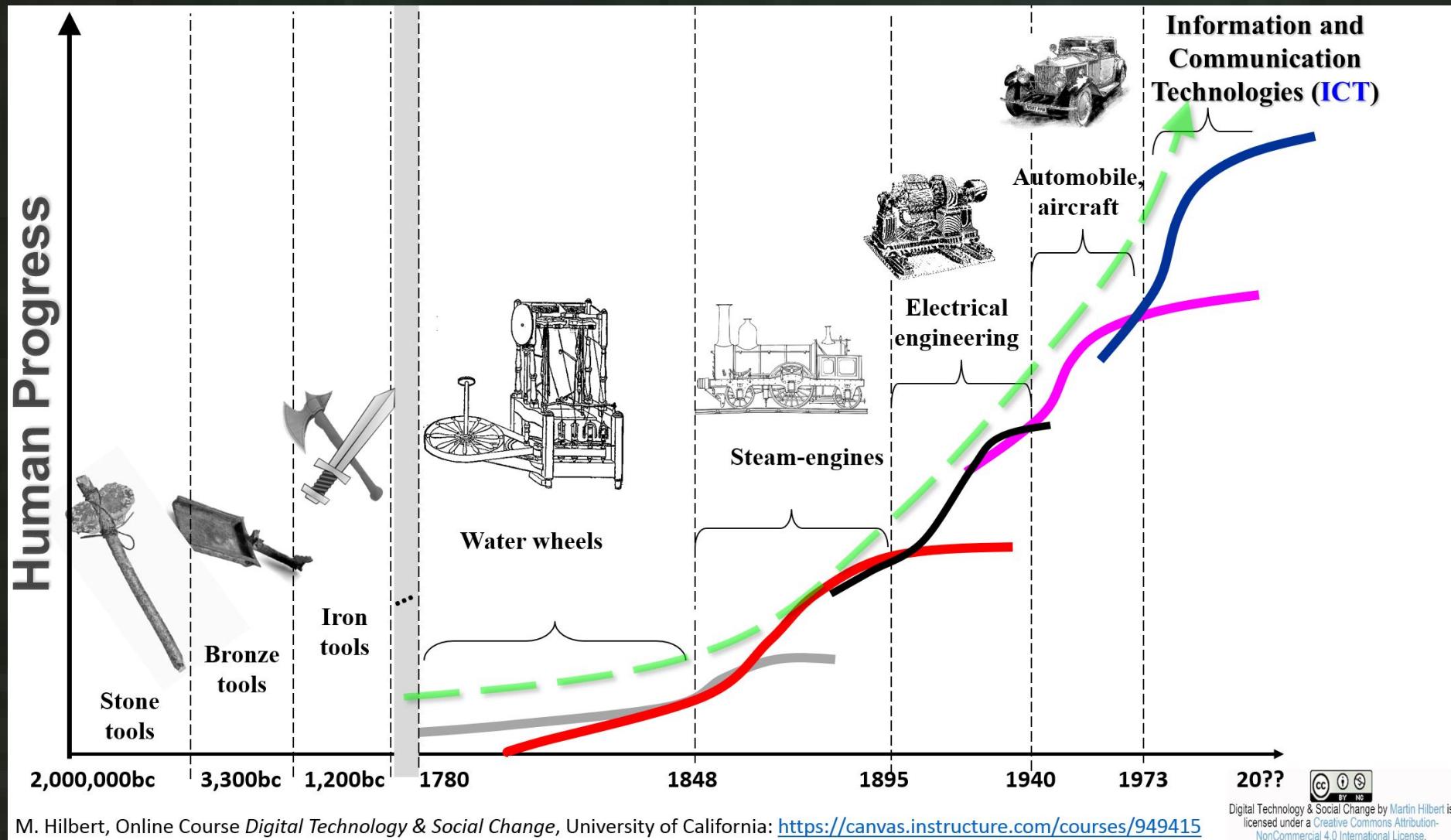
WOCHE  
WIDERRUFSRECHT

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What's  
now?

# Technology has always been a driving force!



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# **focus on core competencies?**



**you get fileted and disrupted!**

please consider disclaimer and sources



enhance your  
business model!



enhance  
your  
skills!

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## „Versicherung für das 21. Jahrhundert“: Tesla bereitet eigenes Angebot in Europa vor

6. Juni 2020 | 19 Kommentare

### Tesla Invites Actuaries to Help It Create a ‘Revolutionary’ Insurance Company

By Andrew G. Simpson | July 24, 2020



[Email This](#) | [Subscribe to Newsletter](#)



### Tesla sucht zwei Experten für Berlin

„Program Manager, Insurance Product & Underwriting (Europe)“ lautet der Titel einer [Tesla-Stellenanzeige von Ende Mai](#). Bei dem Job geht es darum, Auto-Versicherungsprodukte für die europäischen Märkte zu entwickeln zur Absicherung von Tesla-Eigentümern zu entwickeln, bestätigt der Text des Angebots. [In einer weiteren Anzeige](#) mit demselben Datum wird ein Spezialist für Versicherungsmathematik gesucht, der in Berlin-Brandenburg ein Team für Preise und Daten aufbaut.

# time is running (out)

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# Annex



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# Contact



**new  
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business**

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# Connect



Instagram

# Disclaimer

The present document has been prepared by Frank Genheimer (New Insurance Business GmbH, NIB) as documentation of the presentation held during the event «Actuarial Data Science Après-midi» (September 16, 2020) in Zurich hosted by the Swiss Association of Actuaries (SAA). It is a summary focusing on core content and it is thus just a snapshot of the entire talk. The document only reveals its full meaning and intention in combination with the entire presentation and the additional explanations made by the speaker. All delivered examples are solely for illustrative purpose. The explanation of single product types bases on simplified assumptions. Especially therefore, examples are not suitable to compare different product types. Case studies, only showed in extracts, have always only an illustrative character. Similarities with existing companies and projects or present issues of insurance companies are by pure chance. All presented areas and options for action are just a small selection of possible targets and opportunities. The presentation based on market data and information available at time of preparation of the presentation as well as personal experiences and opinions. The presentation raises no claim to completeness. All information has been collected and provided on the basis of market knowledge and experience. However, an independent analysis of for example market data, especially their correctness, has not been made explicitly. The document is hand over to the participants of the seminar. Passing over to any third party in parts or as total as well as any other publication requires prior written agreement from NIB. For the avoidance of doubts, this document must not be reproduced, distributed or communicated in whole or in part to any third party without written consent of NIB. The documentation and the talk is not to be interpreted as an advice or any consultancy. However, NIB may provide such services if desired. For purpose of clarity and clearness all information about used external information and / or sources are summarized on the slide «sources» in the end of this documentation.

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