



# “Esculpiendo el futuro”

Carlos Alejandro Belloni  
27ª Conferencia Annual de ICMIF/Américas  
21–23 de agosto, 2019|Hotel  
Park Hyatt Mendoza, Argentina

¿Cómo  
se ve  
el futuro?



y cuáles  
son las  
Megatendencias  
que lo moldean?

LOS CIENTÍFICOS PREVEN GRANDES  
CATASTROFES PARA LOS PRÓXIMOS 15 AÑOS :  
MÁS HURACANES, TSUNAMIS, TERREMOTOS,  
TERRORISMO...



CALENTAMIENTO GLOBAL, CONTAMINACIÓN,  
AUMENTO DEL NIVEL DEL MAR , INUNDACIONES,  
FALTA DE AGUA POTABLE, HAMBRENA, PESTES,  
POSIBLE CHOQUE DE UN COMETA...

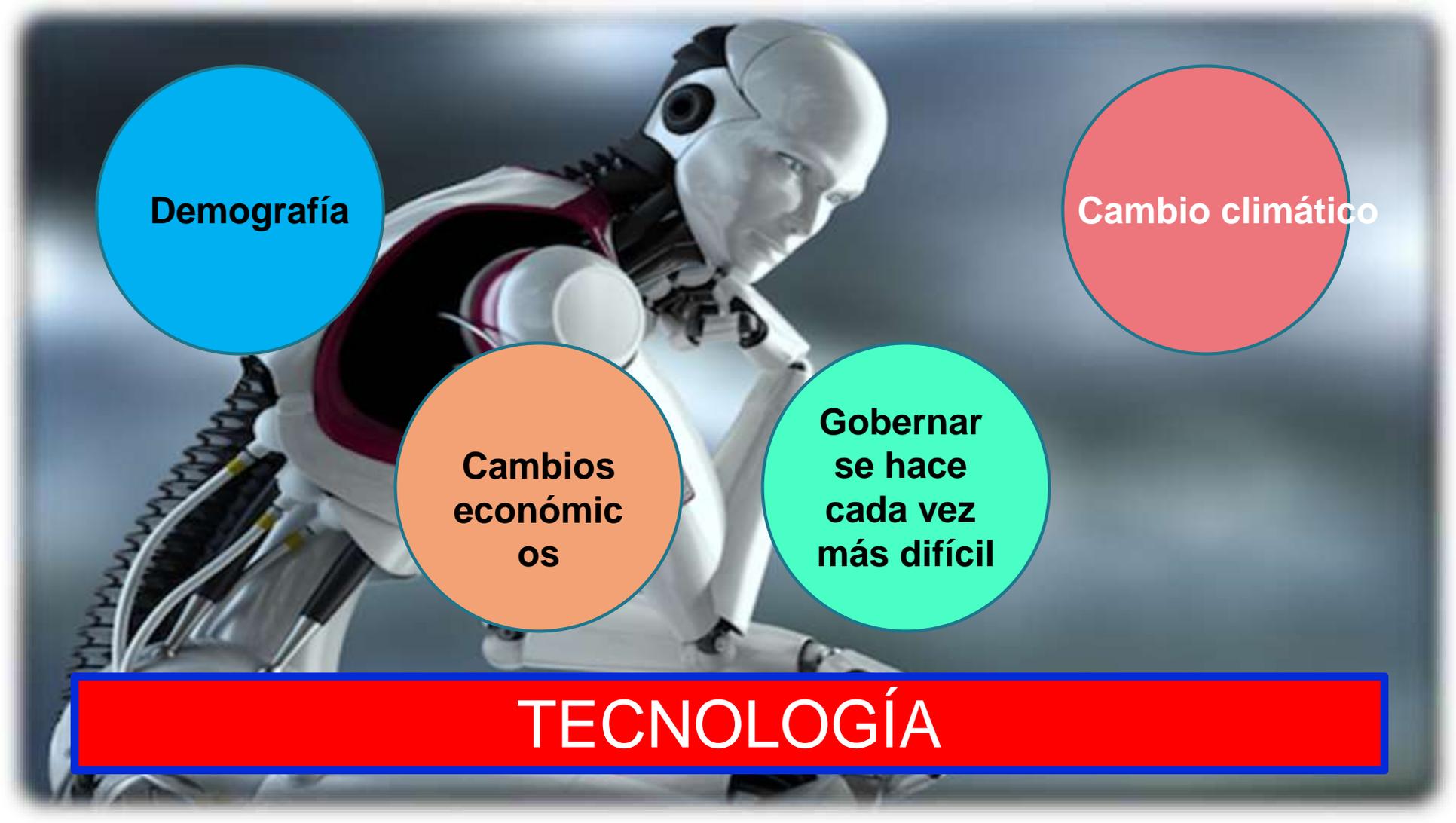


GORDI... LLEGÓ LA CUOTA DEL COLE  
Y DE LA MEDICINA PREPAGA...



AAAAAAAAAAAAHHHH





**Demografía**

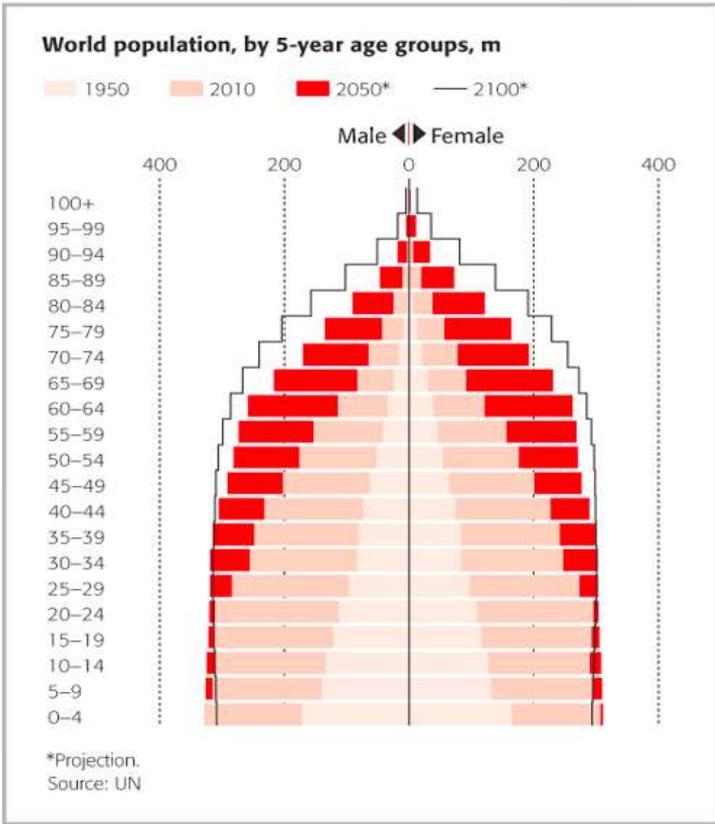
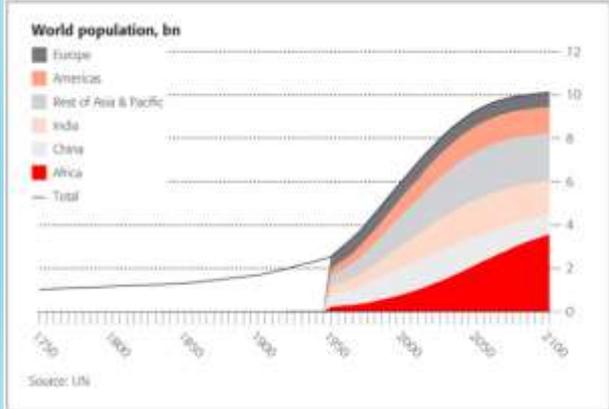
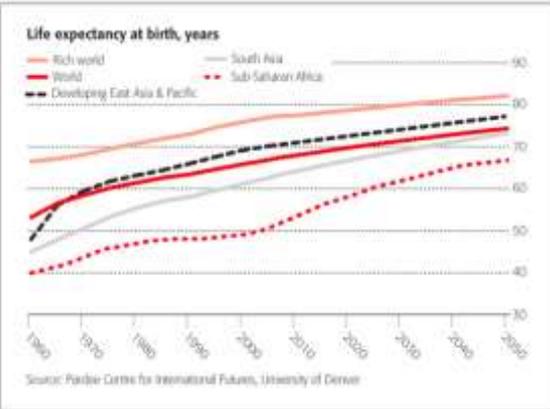
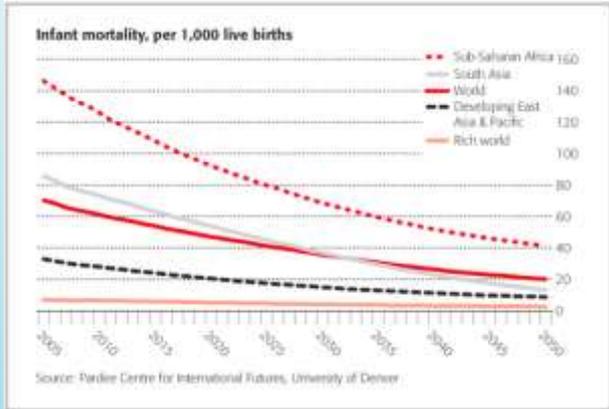
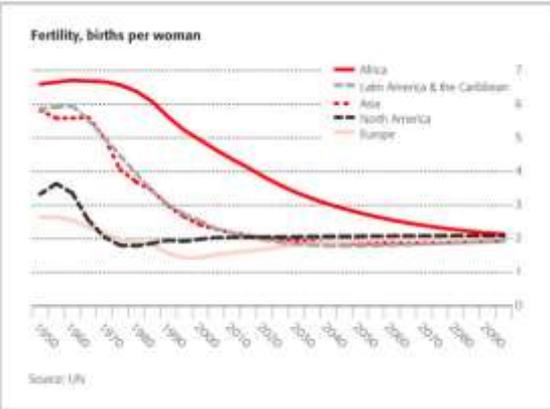
**Cambio climático**

**Cambios  
económicos**

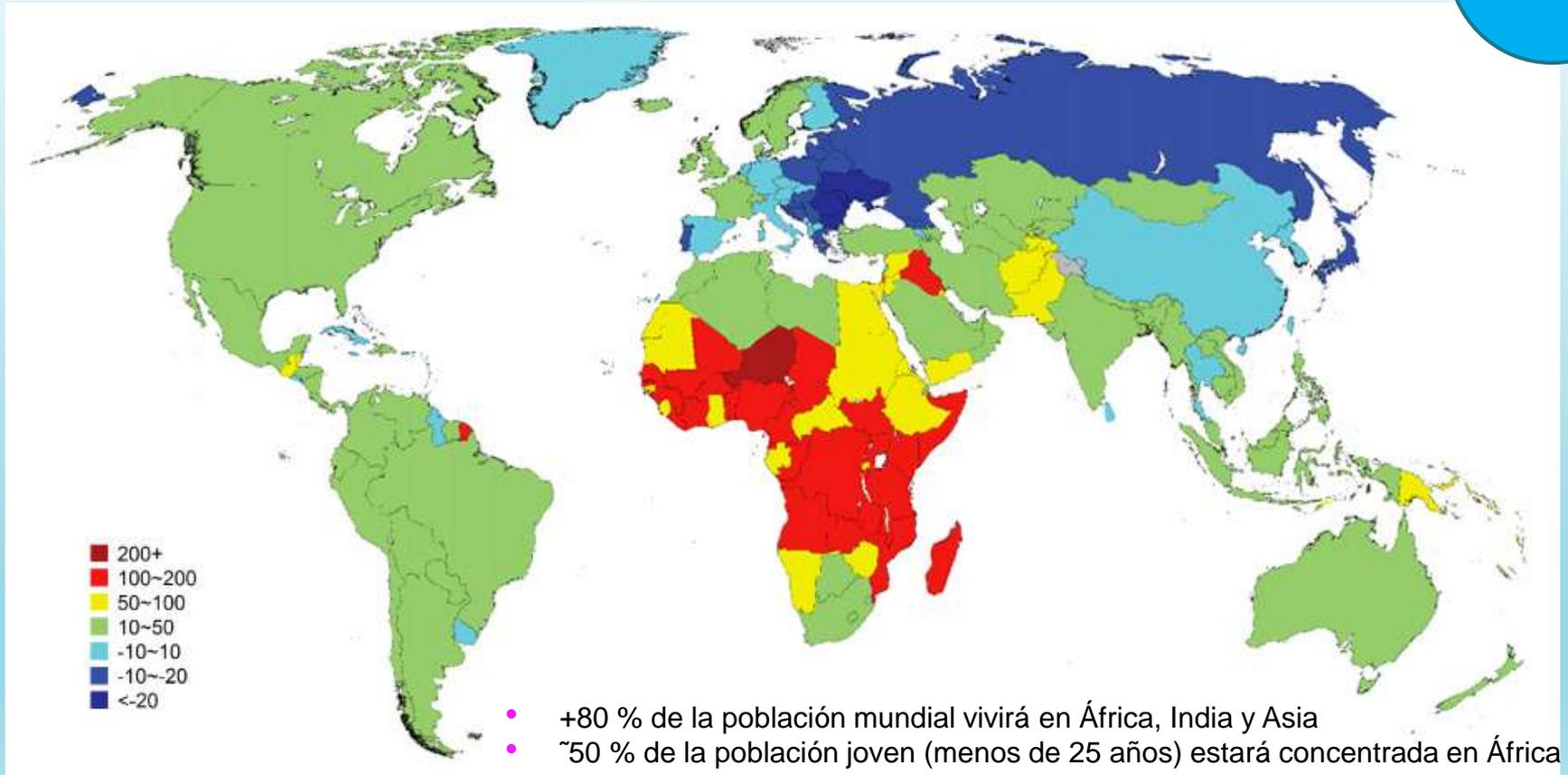
**Gobernar  
se hace  
cada vez  
más difícil**

**TECNOLOGÍA**

# Algunas tendencias demográficas importantes



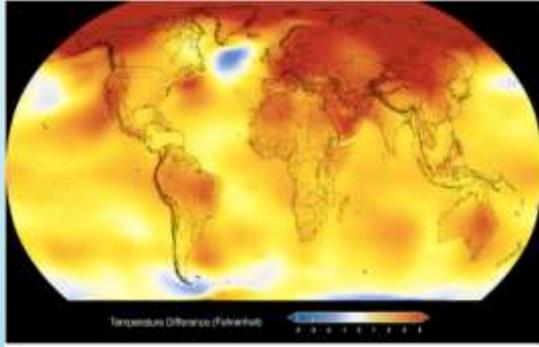
# Porcentaje de cambio poblacional entre 2015 y 2050



Cambio  
climático

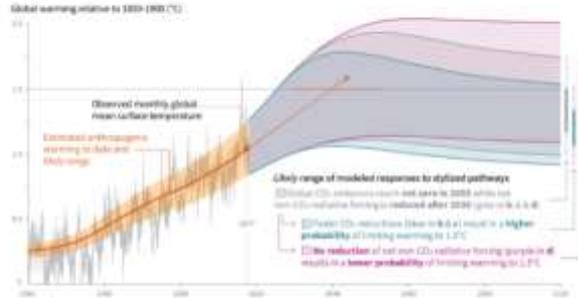


# Algunos datos preocupantes...

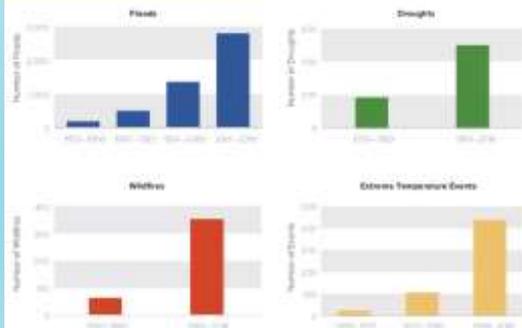


## Cumulative emissions of CO<sub>2</sub> and future non-CO<sub>2</sub> radiative forcing determine the probability of limiting warming to 1.5°C

a) Observed global temperature change and modeled responses to stylized anthropogenic emission and forcing pathways

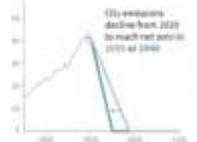


## Global Occurrences of Extreme Weather Events



## b) Stylized net global CO<sub>2</sub> emissions pathways

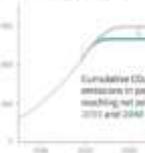
Billions tonnes CO<sub>2</sub> per year (1000 Gt/yr)



Note: Intermediate CO<sub>2</sub> emission reductions limit cumulative CO<sub>2</sub> emissions shown in panel (a).

## c) Cumulative net CO<sub>2</sub> emissions

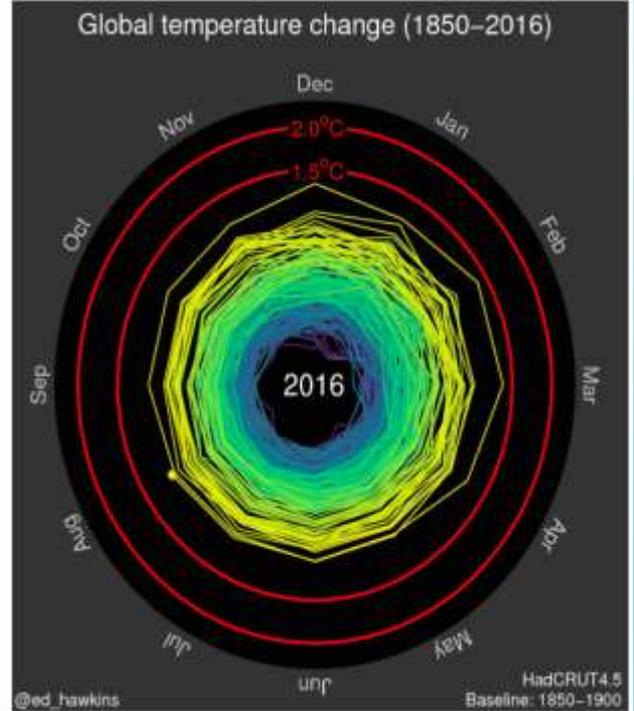
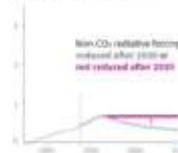
Billions tonnes CO<sub>2</sub> (100 Gt)



Maximum temperature rise is determined by cumulative net CO<sub>2</sub> emissions, and net non-CO<sub>2</sub> radiative forcing due to methane, nitrous oxide, aerosols and other anthropogenic forcing agents.

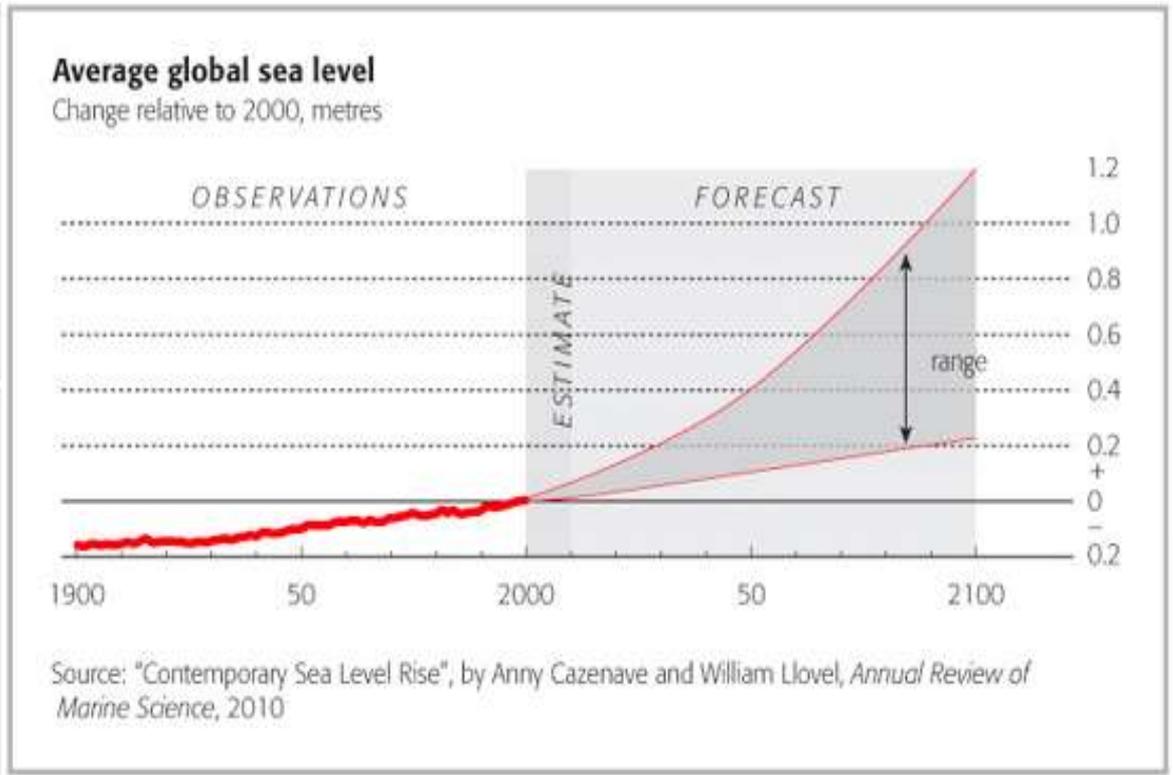
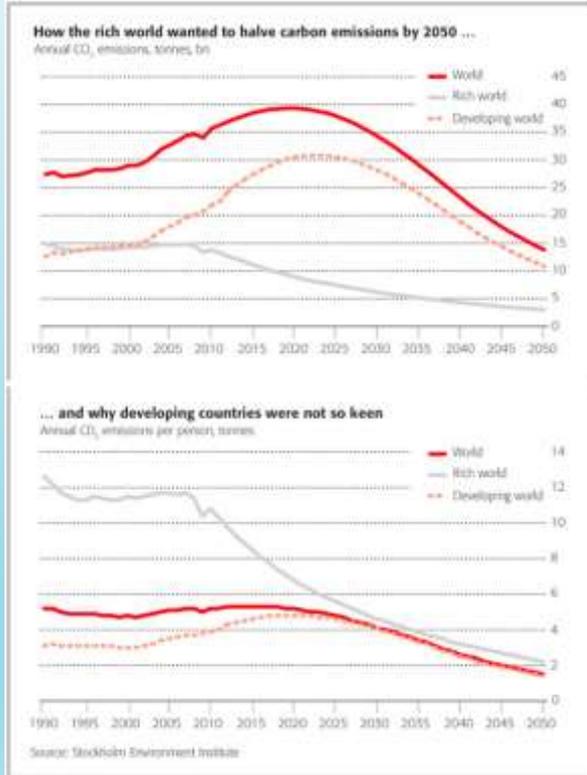
## d) Non-CO<sub>2</sub> radiative forcing pathways

Watts per square metre (W/m<sup>2</sup>)



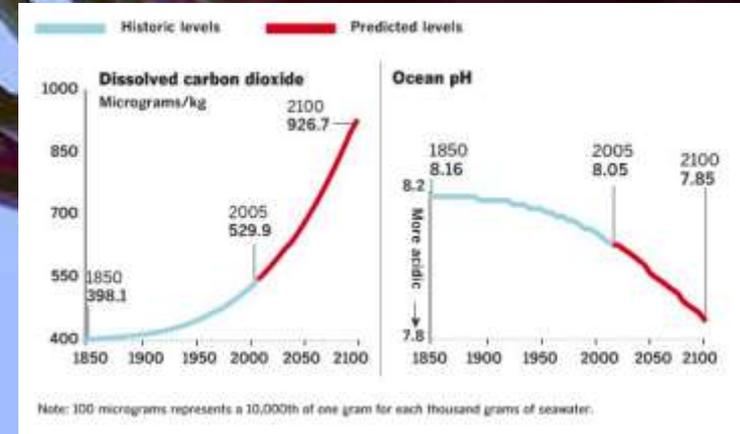
# Algunos datos preocupantes...

Cambio climático



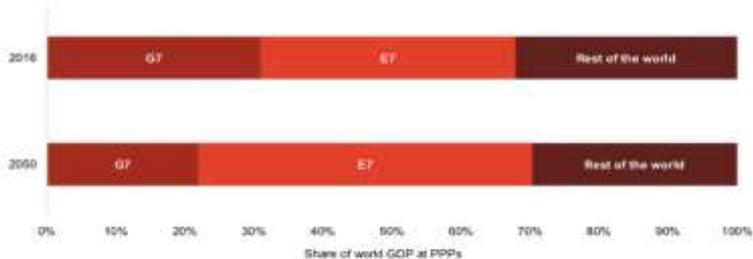
# Algunos datos preocupantes...

Cambio climático



# Cambios importantes en el crecimiento y poder económico...

Figure 1: Projected change in shares of world GDP from 2016 to 2050



Sources: IMF for 2016 estimate, PwC projections for 2050

## Global economic power will shift to the E7 economies

In...  
**1995** E7 were **half** the size of **G7**

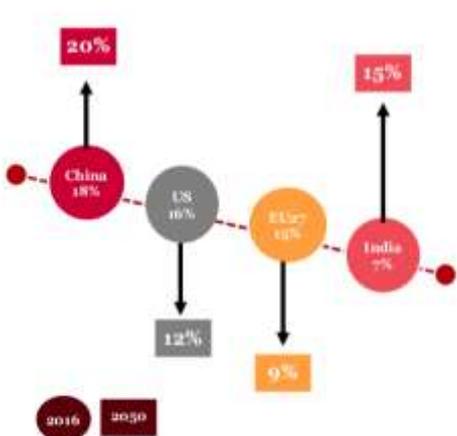
By...  
**2015** E7 were around the **same** size as **G7**

And in just 25 years...  
**2040** E7 could be **double** the size of **G7**

G7: US, UK, France, Germany, Japan, Canada and Italy  
 E7: China, India, Indonesia, Brazil, Russia, Mexico and Turkey

## The US and Europe will steadily lose ground to China and India

Share of world GDP (PPP) from 2016 to 2050...



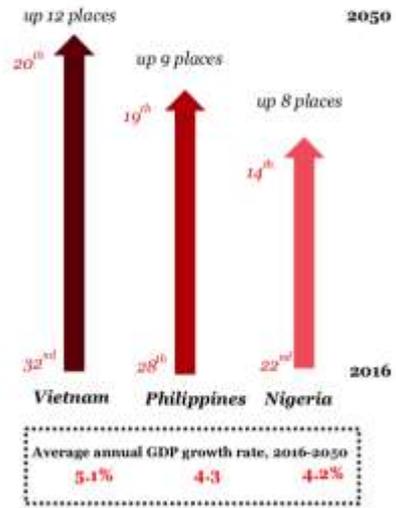
Sources: IMF for 2016 estimates, PwC analysis for projections to 2050

## Emerging markets will dominate the world's top 10 economies in 2050 (GDP at PPP)

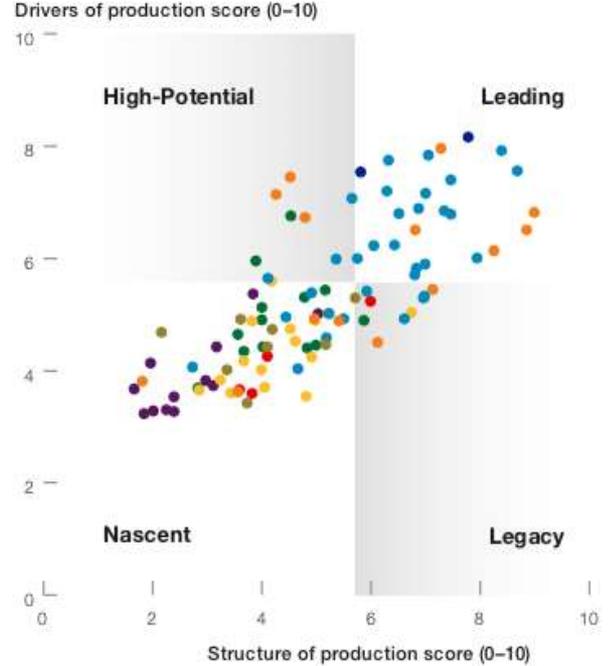
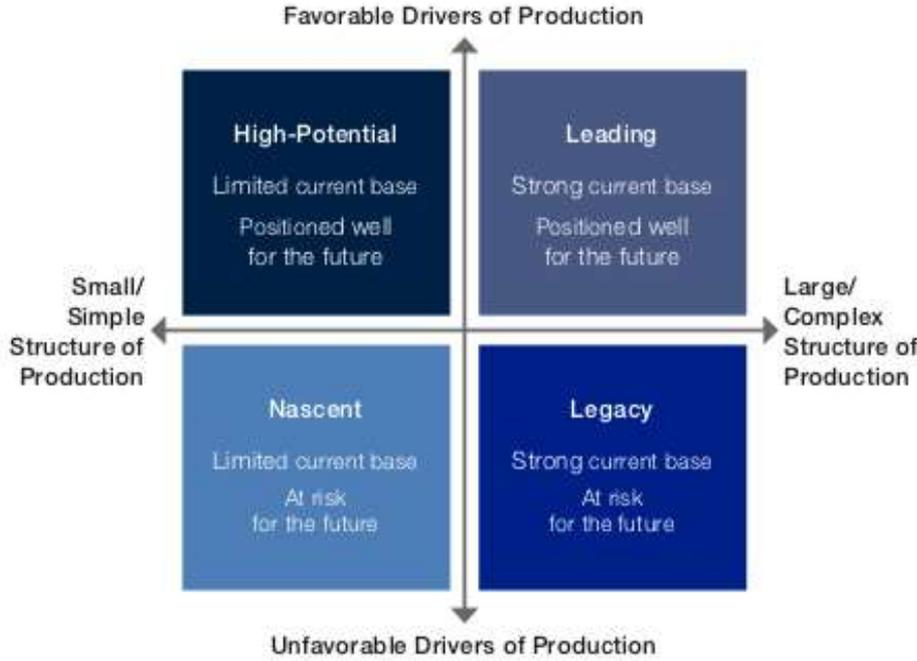
	2016	2050	
China	1	1	China
US	2	2	India
India	3	3	US
Japan	4	4	Indonesia
Germany	5	5	Brazil
Russia	6	6	Russia
Brazil	7	7	Mexico
Indonesia	8	8	Japan
UK	9	9	Germany
France	10	10	UK

Legend: E7 economies (yellow), G7 economies (grey)

## Vietnam, the Philippines and Nigeria could make the greatest moves up the rankings by 2050



# ¿Cuán “fácil” es adaptarse a la *nueva* economía?



**Note:** Average performance of the top 75 countries (weighted average driver score, weighted average structure score) is at the intersection of the four quadrants to create the archetype borders.

- East Asia and the Pacific
- Eurasia
- Europe
- Latin America and the Caribbean
- Middle East and North Africa
- North America
- South Asia
- Sub-Saharan Africa

# International anti-capitalist demonstration against G20 summit

G20  
WELCOME  
TO  
HELL

Thursday 6 July 2017  
4 p.m., St. Pauli Fischmarkt, Hamburg

When the heads of government of the world's 20 most powerful countries are arriving on 6 July and the assembled world media are waiting for news from the crisis zone around Hamburg's exhibition halls, we'll be already in the streets.

We are mobilizing internationally to turn Hamburg into a location and an exclamation mark of resistance against old and new authorities of capitalism.



Gobernar  
se está  
tornando  
más difícil



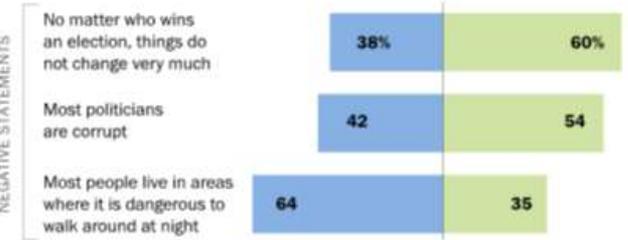
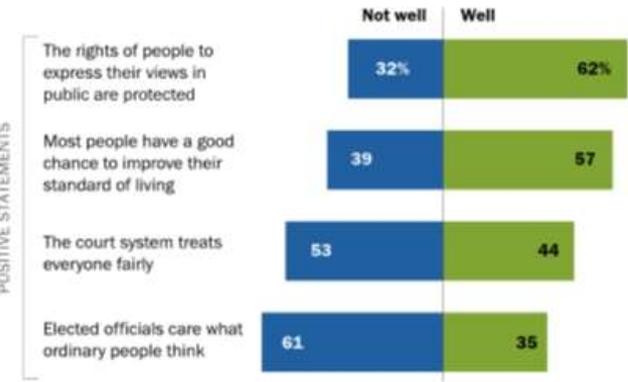
Gobernar se está tornando más difícil

### Divided views around the world about how key aspects of democracy are working

% who say they are \_\_\_ with the way democracy is working in their country



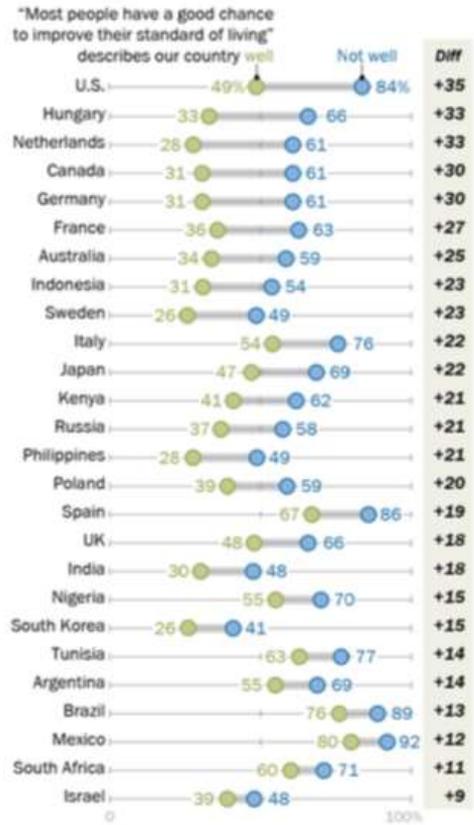
% who say the statement \_\_\_ describes their country ...



Note: Percentages are medians based on 27 countries. Don't know responses not shown. Source: Spring 2018 Global Attitudes Survey, Q4 & Q34a-g.

### Pessimism about improving standard of living linked to dissatisfaction with democracy

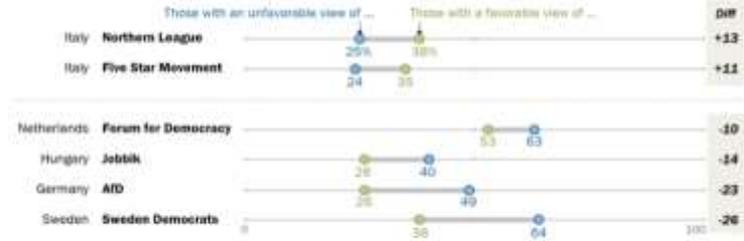
% who say they are dissatisfied with the way democracy is working in their country



Note: All differences shown are statistically significant. Source: Spring 2018 Global Attitudes Survey, Q4.

### People with positive views of populist parties tend to say politicians are out of touch with ordinary people

% who say "elected officials care what ordinary people think" describes their country well



Note: All differences shown are statistically significant. Political party favorability was highest for "Northern League" in Italy (now called Lega). Source: Spring 2018 Global Attitudes Survey, Q14a.

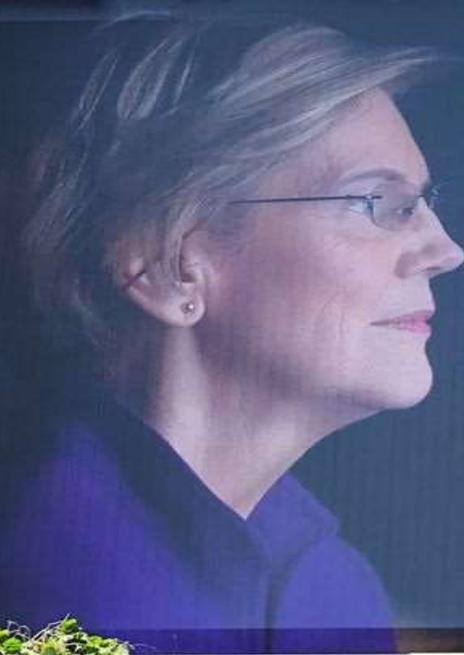
- @ inequidad
- @ desempleo/sub-empleo
- @ economía informal
- @ anticapitalismo
- @ inmigración

LA / OC / SF

UPD... CUP.COM

#503688

Gobernar se está tornando más difícil



WARREN

# BREAK UP BIG TECH

TEXT TECH TO 24477  
TO JOIN OUR FIGHT

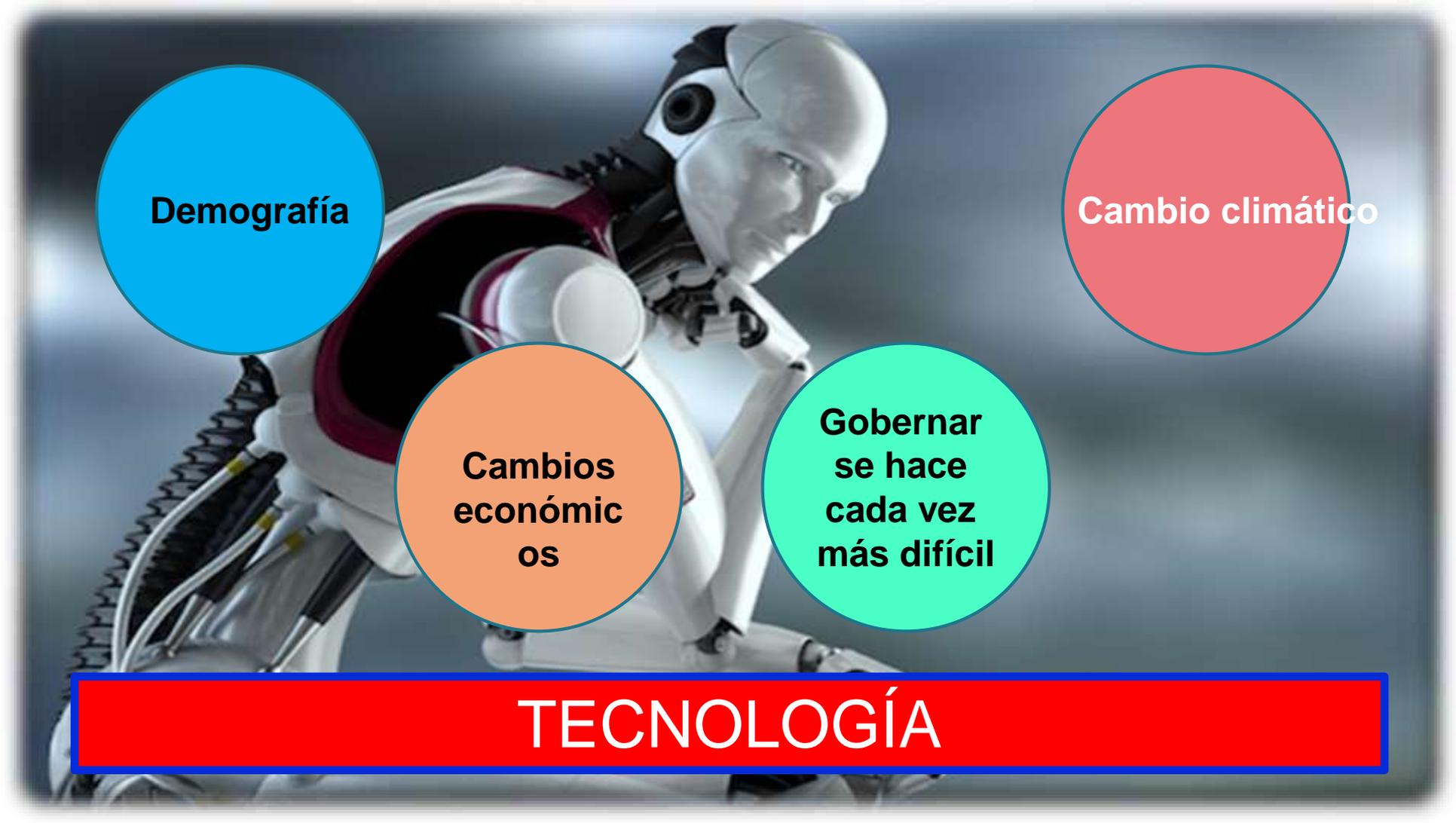
BY PROVIDING YOUR CELL PHONE NUMBER YOU CONSENT TO RECEIVE PERIODIC CAMPAIGN UPDATES FROM WARREN FOR PRESIDENT. TEXT HELP FOR HELP; STOP TO END. RATE & DATA RATES MAY APPLY. [HTTPS://WWW.ELIZABETHWARREN.COM/PRIVACY-POLICY](https://www.elizabethwarren.com/privacy-policy).

VOTE DEMOCRATIC

PAID FOR BY WARREN FOR PRESIDENT

WARREN MADE A PLAN FOR CONSENT

1446 x 25



**Demografía**

**Cambio climático**

**Cambios  
económicos**

**Gobernar  
se hace  
cada vez  
más difícil**

**TECNOLOGÍA**

# La Cuarta Revolución Industrial 4IR

¿Qué es  
la cuarta  
revolución  
industrial?



“La cuarta revolución industrial se caracteriza por una *fusión* de tecnologías que está *desdibujando* los límites entre el ámbito *físico*, *digital* y *biológico*”.

“La cuarta revolución Industrial”.  
Klaus Schwab. Foro Económico  
Mundial.

Es diferente de las revoluciones anteriores por la *velocidad*, *alcance* y *profundidad* de los cambios.



Original Image

Image Reconstructed From Ba

Estas tecnologías superpuestas definirán nuestras vidas en las próximas décadas:

- **La revolución genética** nos permitirá *reprogramar nuestra propia biología*.
- **La nanotecnología** nos permitirá *manipular la materia a escala molecular y atómica*.
- **La inteligencia artificial** nos permitirá crear una *inteligencia no biológica mayor a la humana*.





¿Por qué  
nos  
debería  
importar?



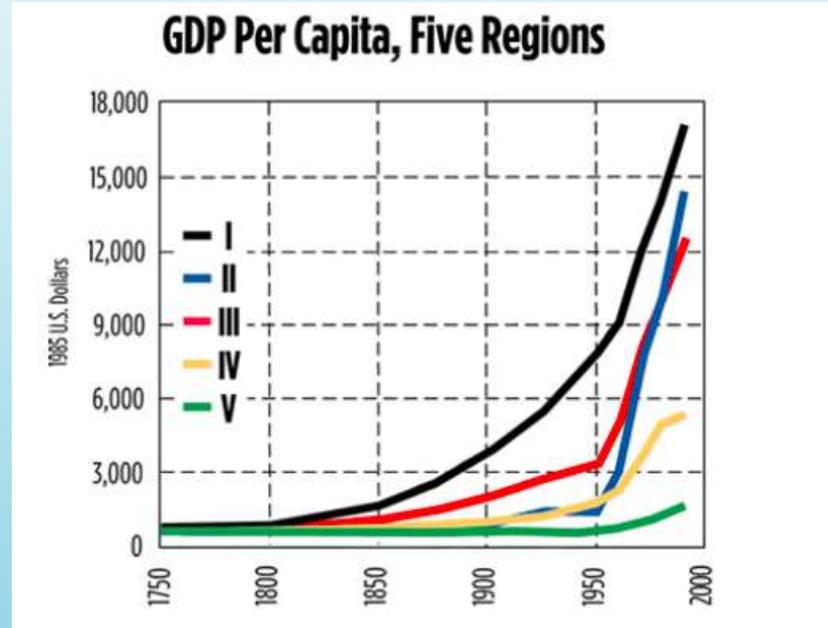
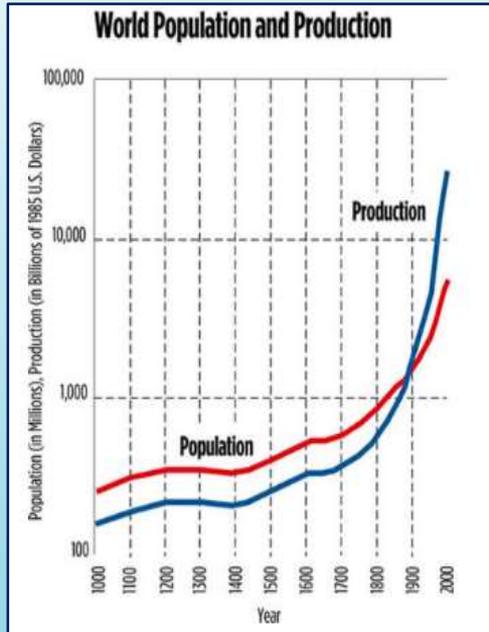
**Porque cambiará todo, no solo la idea de lo que es el ser humano, sino también los cimientos mismos sobre los que se construye nuestra sociedad.**

**¿Dónde  
estamos  
s??**

**¿Cómo  
llegamos  
allí?**







Fuente: La revolución industrial pasado y futuro- Informe anual 2003  
 Robert E. Lucas, Jr. Publicado 1de mayo, 2004.  
 Federal Reserve Bank of Minneapolis.  
[\[https://www.minneapolisfed.org/publications/the-region/the-industrial-revolution-past-and-future\]](https://www.minneapolisfed.org/publications/the-region/the-industrial-revolution-past-and-future)

10%



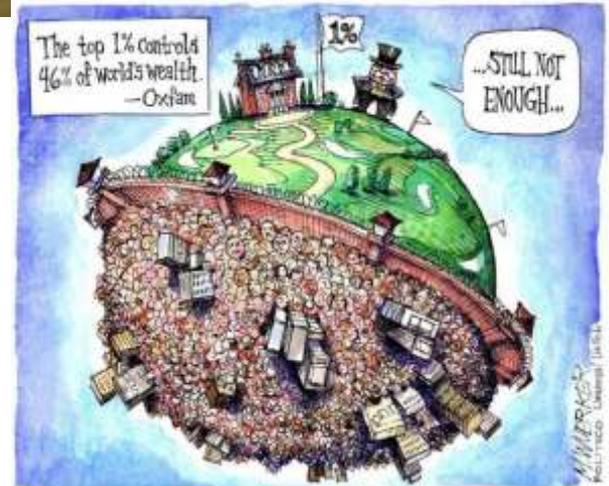
15%



45%



66 millones de personas tuvieron que abandonar sus hogares. 23 millones de refugiados.



**WARNING**



**CHALLENGES  
AHEAD**

Digital is the main reason just over half of the **companies** on the Fortune 500 have **disappeared** since the year 2000

Pierre Nanterme  
CEO of Accenture







WE'LL MISS YOU,  
FIFTH AVENUE!

Lord & Taylor

PLEASE VISIT US AT [LORDANDTAYLOR.COM](http://LORDANDTAYLOR.COM)  
to find your closest store

STORE HOURS

MONDAY	10 am - 7 pm
TUESDAY	10 am - 8 pm
WEDNESDAY	10 am - 7 pm
THURSDAY	10 am - 7 pm
FRIDAY	10 am - 9 pm
SATURDAY	10 am - 8 pm
SUNDAY	10 am - 6 pm

# ¿Recuerdan los teléfonos Nokia o BlackBerry...?

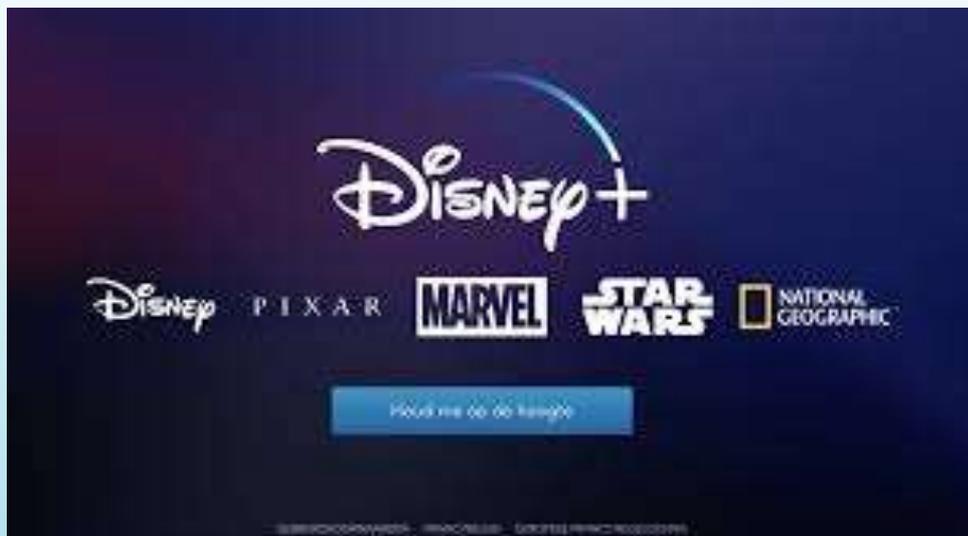
Su principal falla era no reconocer la importancia de poseer un ecosistema...



# ¿Conocen la historia de Walt Disney y Pixar?



# NETFLIX



Disney+ | ESPN+ | hulu



“La única  
constante de la  
que estoy seguro  
es este ritmo  
acelerado de  
cambio...”

“Downside Up, Upside Down”  
Peter Gabriel



# THE LARGEST COMPANIES BY MARKET CAP

The oil barons have been replaced by the whiz kids of Silicon Valley

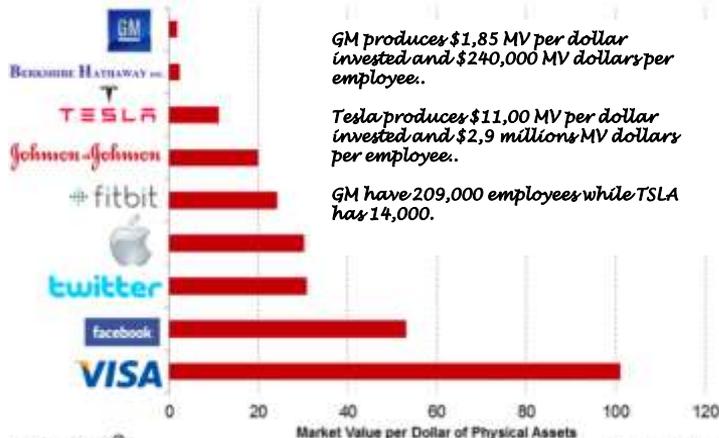


Top 5 Publicly Traded Companies (by Market Cap)

● Tech
 ● Other



## More Companies Are Creating High Value With Scant Hard Assets



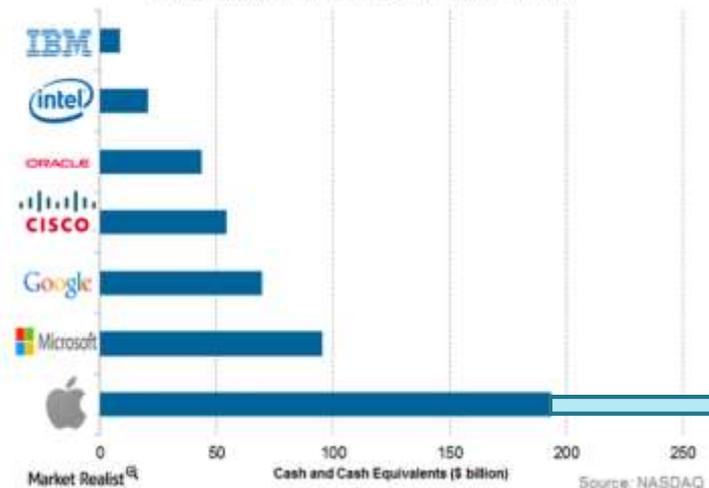
GM produces \$1.85 MV per dollar invested and \$240,000 MV dollars per employee.

Tesla produces \$11,00 MV per dollar invested and \$2.9 millions MV dollars per employee.

GM have 209,000 employees while TESLA has 14,000.

Market Realist<sup>®</sup> Source: Fortune

## Tech Companies Have Large Stockpiles of Cash



Market Realist<sup>®</sup> Source: NASDAQ





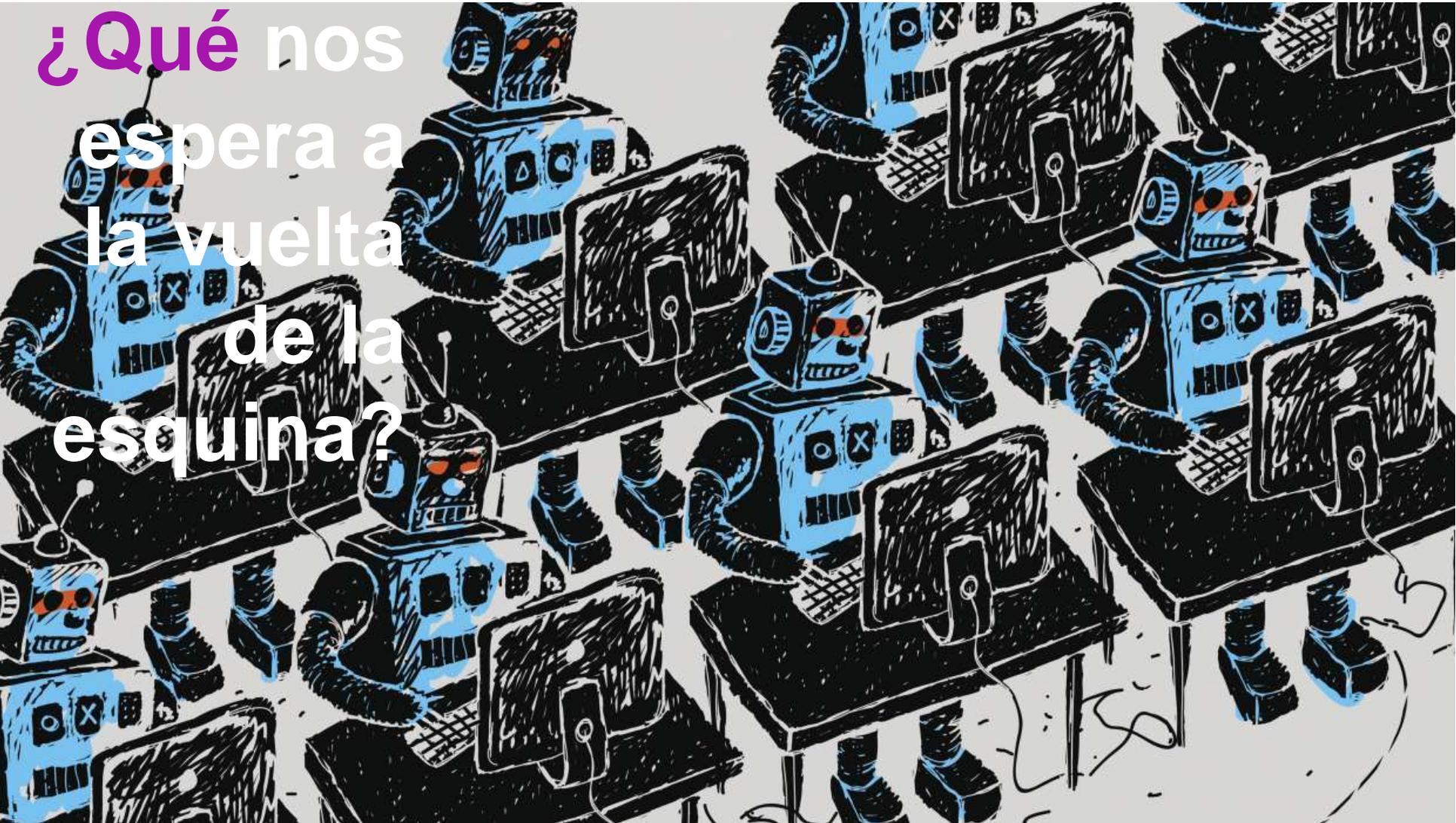
A 20 años de su creación, la firma se convirtió en la más valiosa de la Argentina. Luego de presentar su balance del primer semestre del año, que informó una facturación de US\$1019 millones en el período, las acciones se dispararon un 11% en Wall Street, donde cotiza desde 2007. De acuerdo con este indicador, la compañía vale hoy más de US\$36.160 millones, seis veces más que YPF, la mayor petrolera argentina (US\$6147 millones).







¿Qué nos  
espera a  
la vuelta  
de la  
esquina?



Speed of technological change

### Technological development

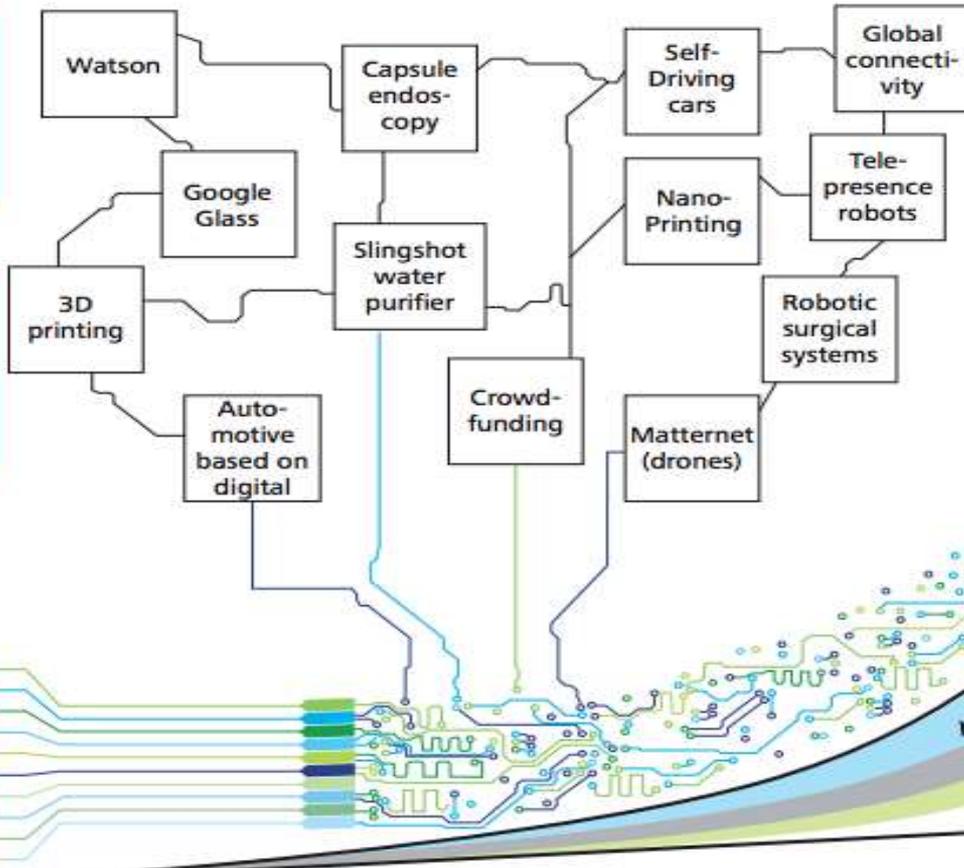
Moore's Law: the power of chips, bandwidth and computers doubles appr. every 18 months

### The human factor

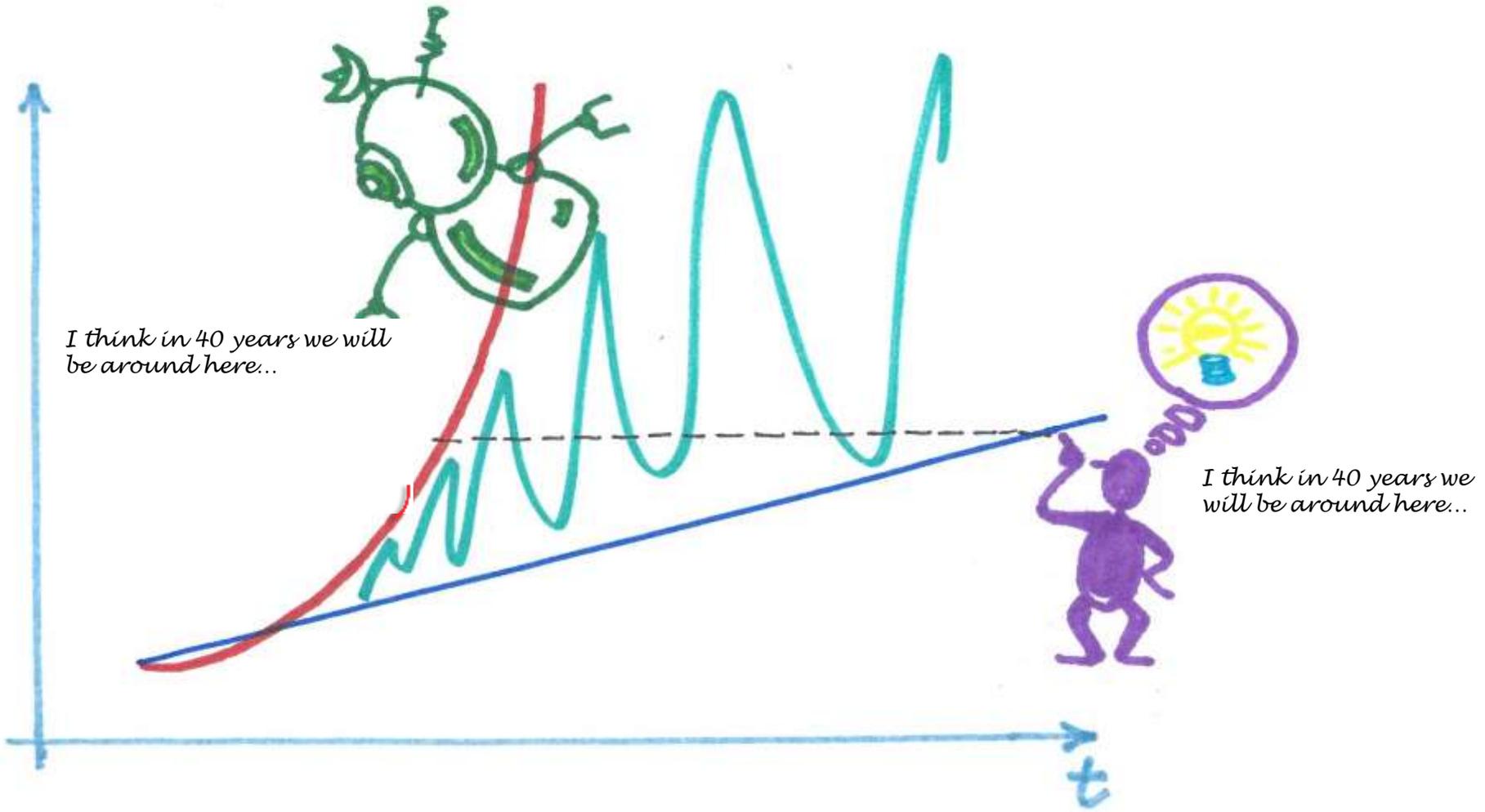
Technological development feeds and enables various trends in society: Democratisation, social connection, DIY, Decentralisation

Exponential technologies

- Biotech
- Neurotech
- Nanotech
- New energy & sustainability
- ICT & mobile technology
- Sensing
- 3D printing
- Artificial intelligence
- Robotics
- Drones



From linear to exponential growth trajectory



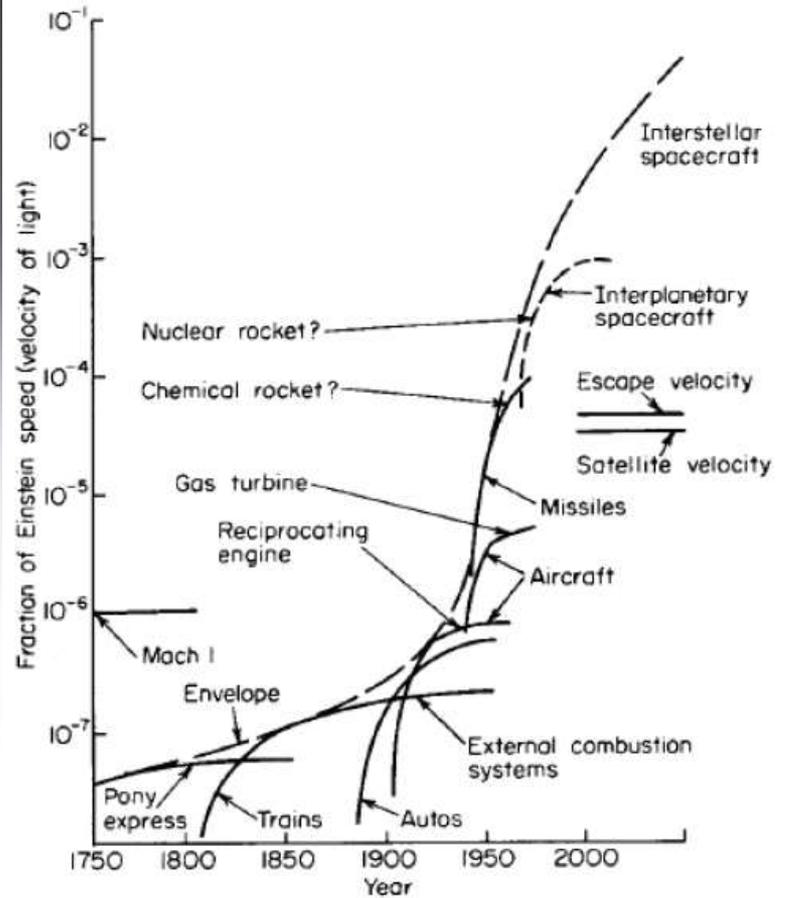
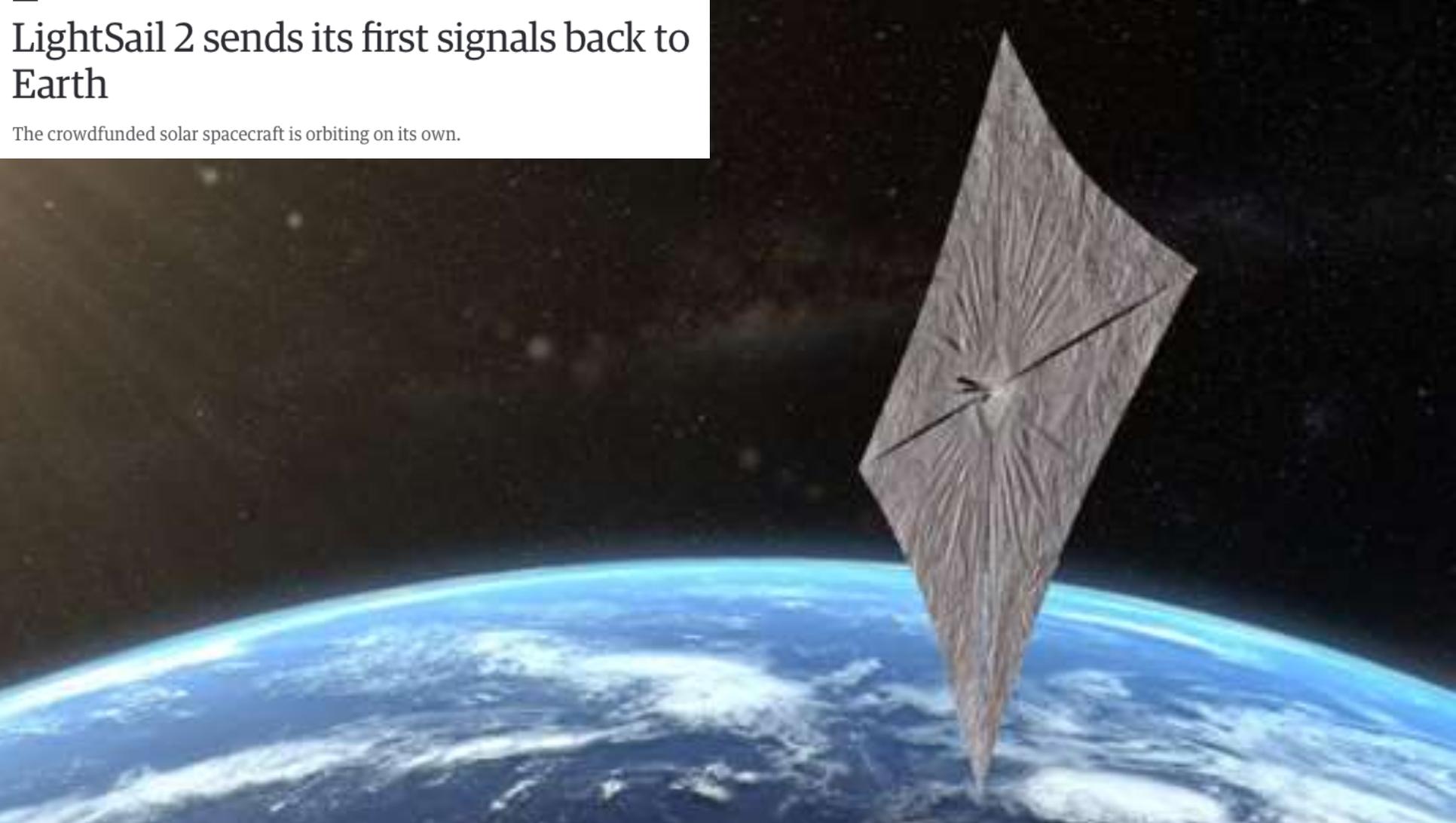


Figure 4.2. Speed trend. Source [7].

# LightSail 2 sends its first signals back to Earth

The crowd-funded solar spacecraft is orbiting on its own.



# Tecnologías exponenciales





LIGHTS INFO TECH WWW SERVICES BIG CON SMART CONSUMER DEMAND MOBILE DEVICE  
MULTIMEDIA NETWORK DEVICES THE INTERNET OF THINGS  
PROJECTS WEB APPS PLANNING MEDIA  
BRANDS SMART MACHINES OBJECTS VISION ENGINEERING RESEARCH  
SOLUTIONS WEB SERVICES PROJECTS BIG DATA SERVICE STRATEGY WORLDWIDE AUTOMATION  
EVERYTHING PROJECTS MOBILE SERVICE CODING M2M TOOLS  
AUTOMOBILE SOLUTIONS



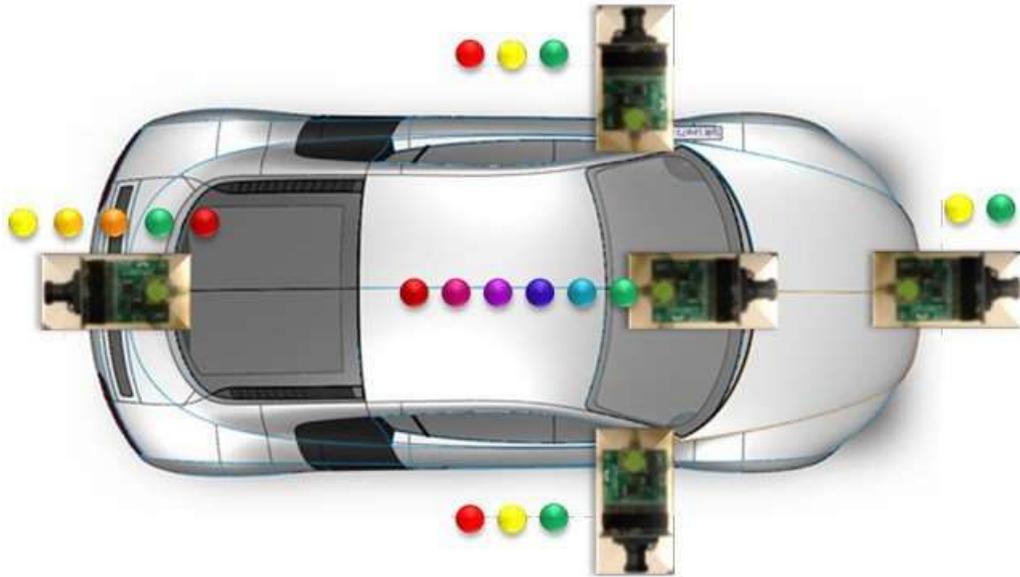
de las cosas...y también lo harán los seguros de  
daños generales

## HOME, SMART HOME

Cool gadgets, practicality drive trend in residential lifestyle technology



# Los autos inteligentes ya están cambiando... ...y también lo harán los seguros de autos



- 3D Surround View
- Rear View Camera
- Rear Cross Traffic
- Blind Spot Detection
- Lane Departure Warning
- Intelligent Headlamp Control
- Traffic Sign Recognition
- Forward Collision Warning
- Intelligent Speed Control
- Pedestrian Detection

# Y todo lo demás, ¡por supuesto!

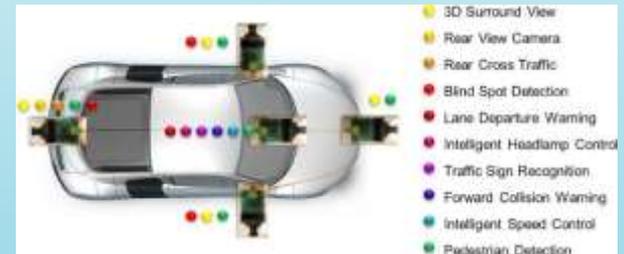


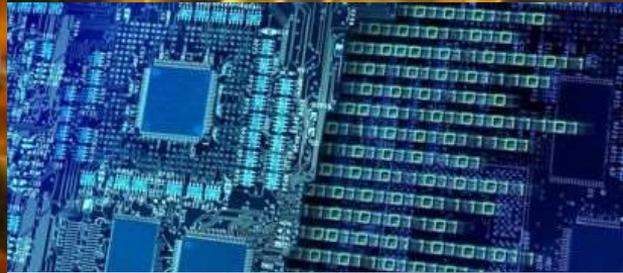
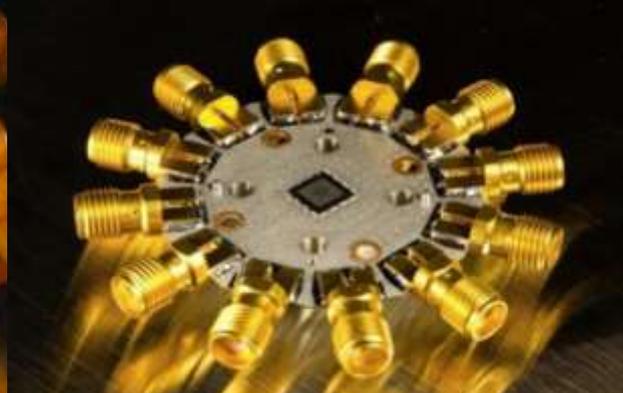
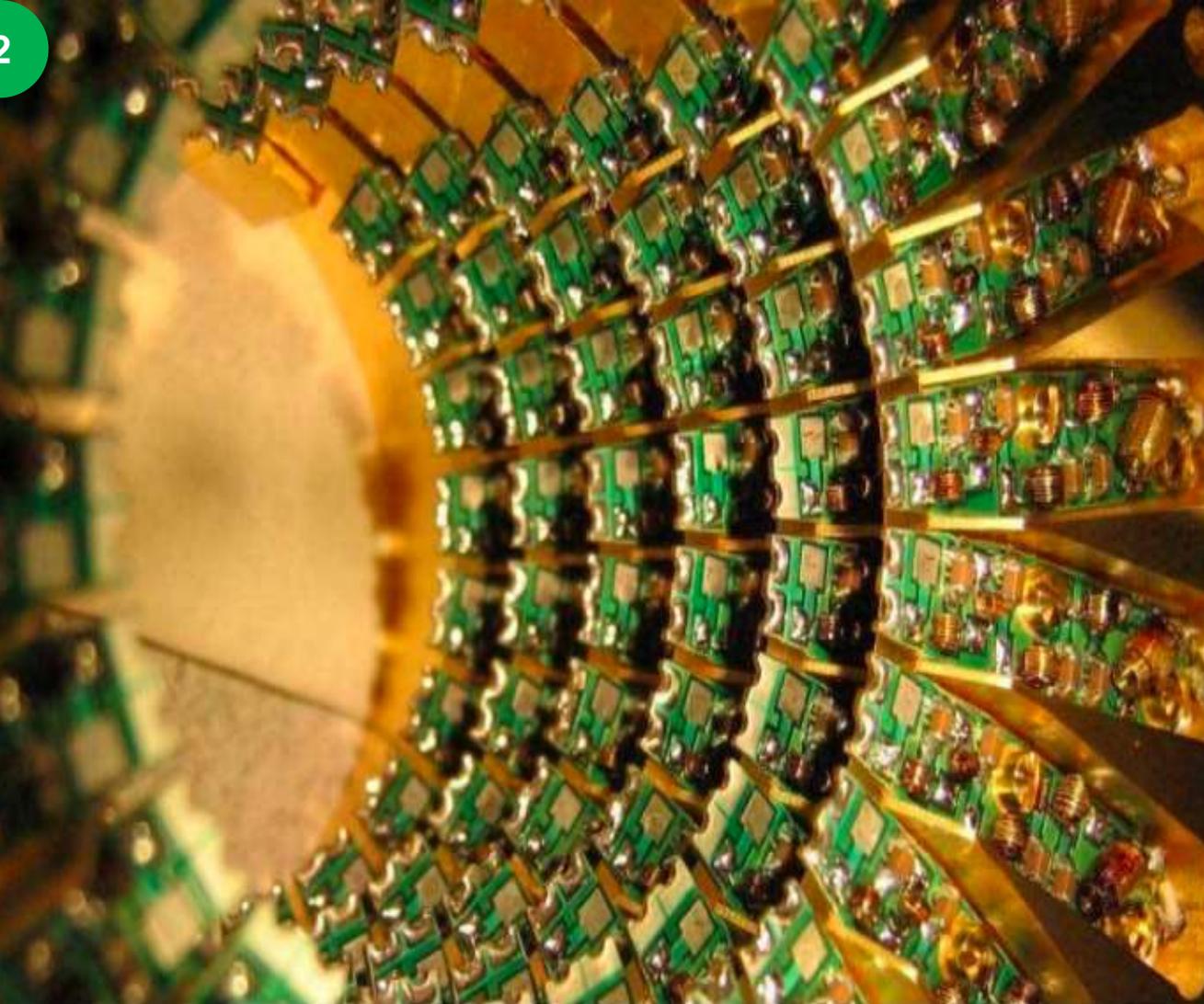
- ❖ Internet de las cosas es una “frontera adyacente” principalmente debido a que:
- ❖ Los costos de ingreso tecnológicos no constituyen barreras
- ❖ Los reguladores vienen MUCHO MÁS REZAGADOS en estas cuestiones (como en tantas otras...)

# ...y también lo hará la industria de los seguros

El producto está **migrando** del **análisis posterior al evento** a la **prevención anterior al evento**.

En el futuro, el producto incluirá **cada vez menos** el elemento de indemnización por pérdidas y **más servicios** destinados a evitar/mitigar pérdidas.



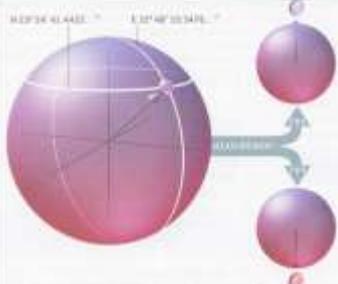


### QUBITS EXPLAINED

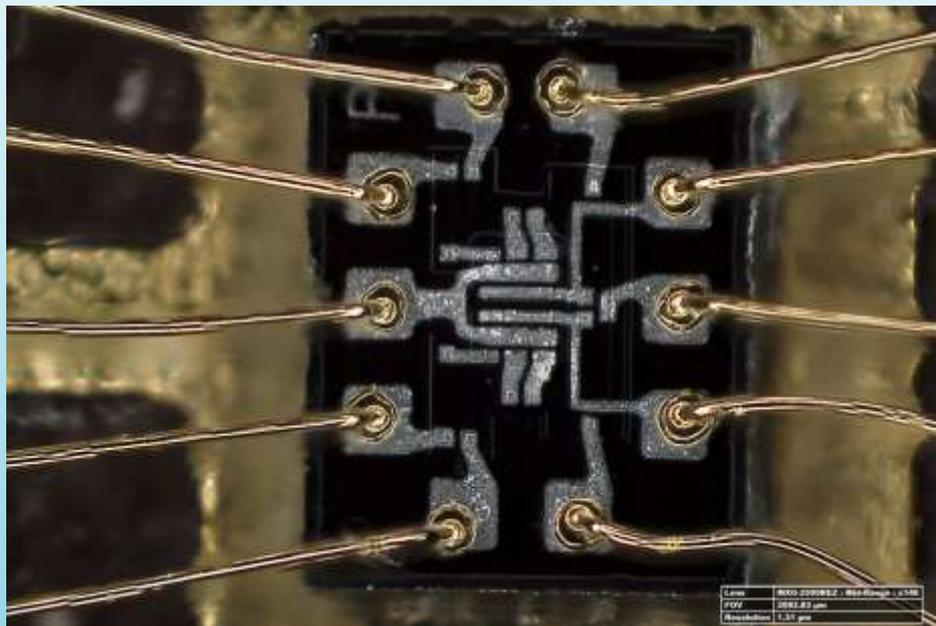
A bit can have one of two states: 0 or 1. A bit can be represented by a transistor switch set to 'off' or 'on' or abstractly by an arrow pointing up or down.



A qubit, the quantum version of a bit, may have more possible states. The states can be represented by an arrow pointing to a location on a sphere. The north pole is equivalent to 1, the south pole to 0. The other locations are quantum superpositions of 0 and 1.



A QUBIT NEEDS TIME TO CONTAIN AN infinite amount of information because its combination can include an infinite sequence of digits. But the information in a qubit must be extracted by a measurement. When the qubit is measured, quantum mechanics requires that the result is always an ordinary bit - a 0 or a 1. The probability of each outcome depends on the qubit's "state."



# Physicists reverse time using quantum computer

by Moscow Institute of Physics and Technology





3











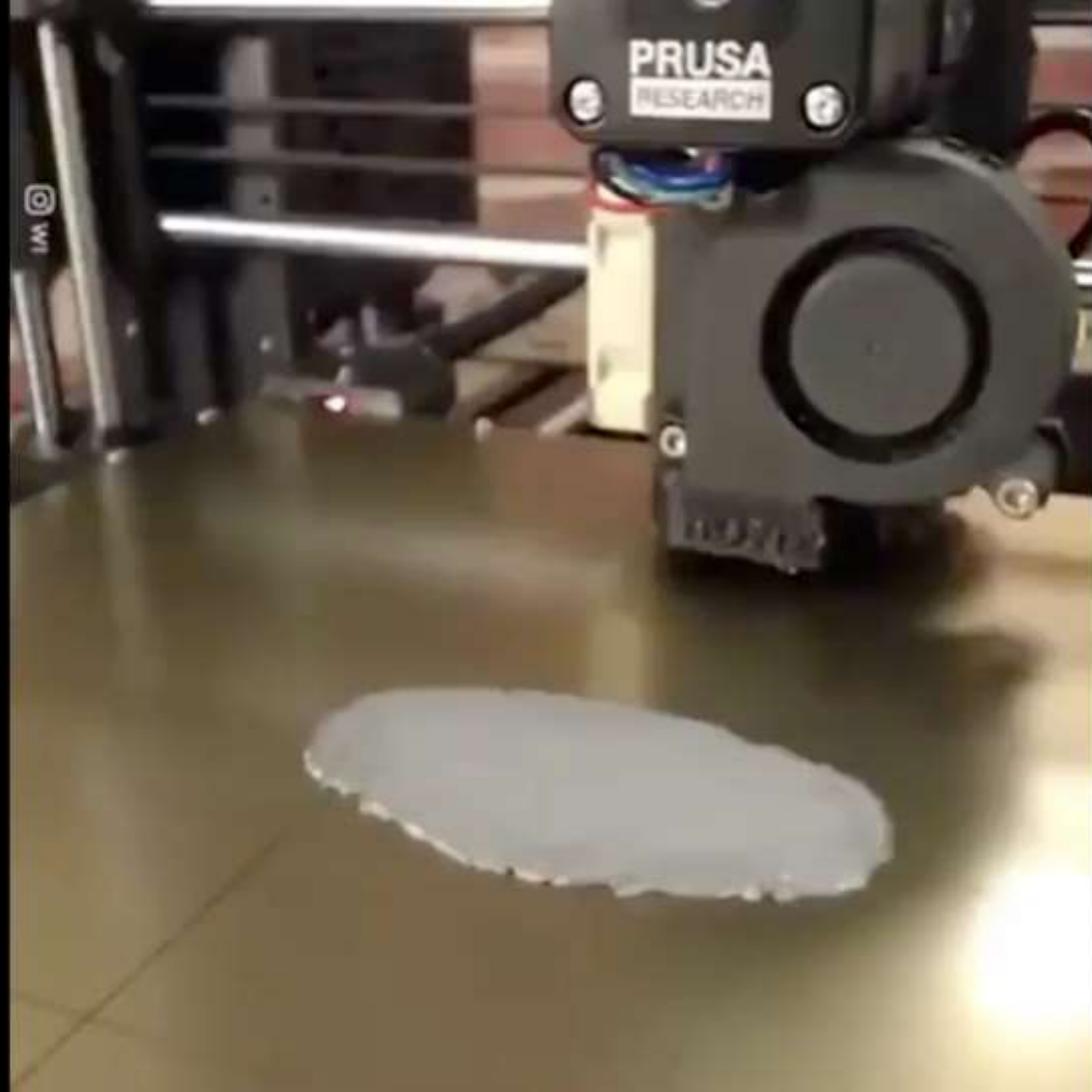
Sogou 搜狗

AI 合成主播

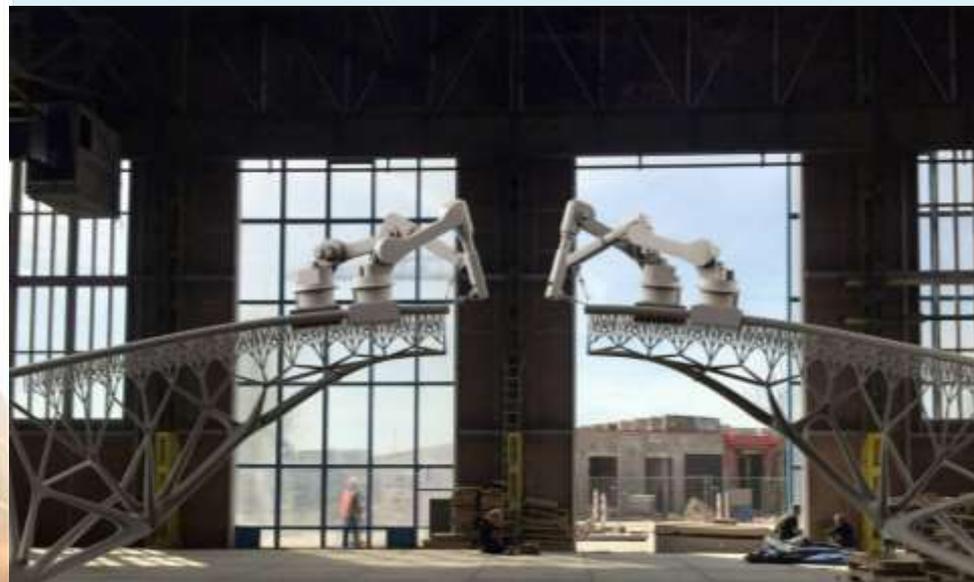




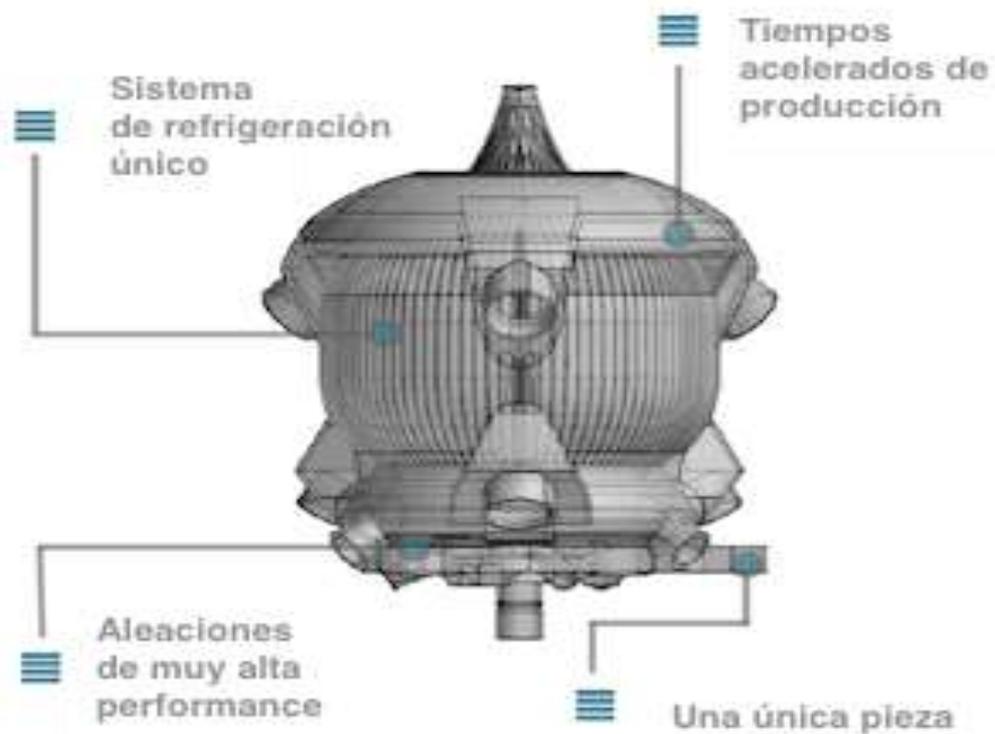




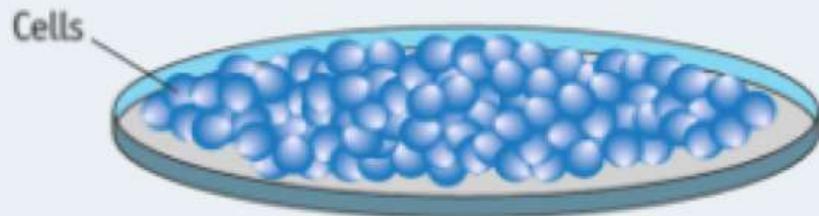




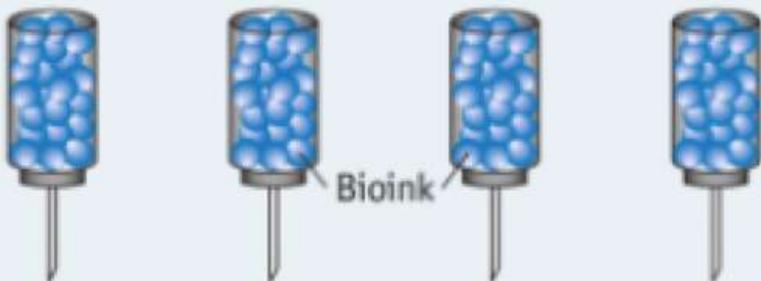




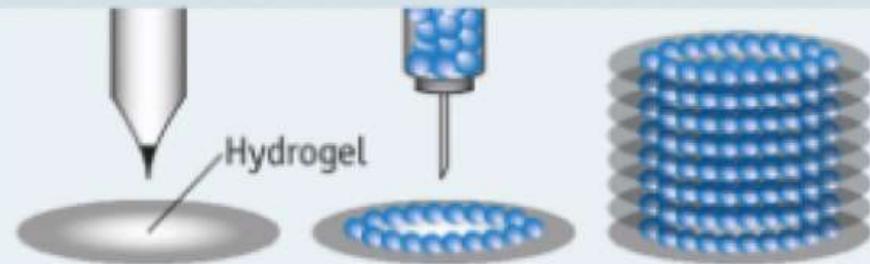
## ¿Cómo funciona una bio-impresora 3D?



1. Se dejan reproducir, en un ambiente propicio, células madre o células tomadas del organismo de una persona. Estas células serán usadas para producir la "bio-tinta".



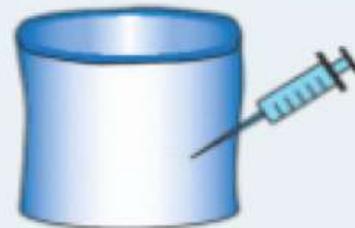
2. Esta "bio-tinta" se introduce en unos cartuchos en forma de jeringas con una agujas largas para la impresión.



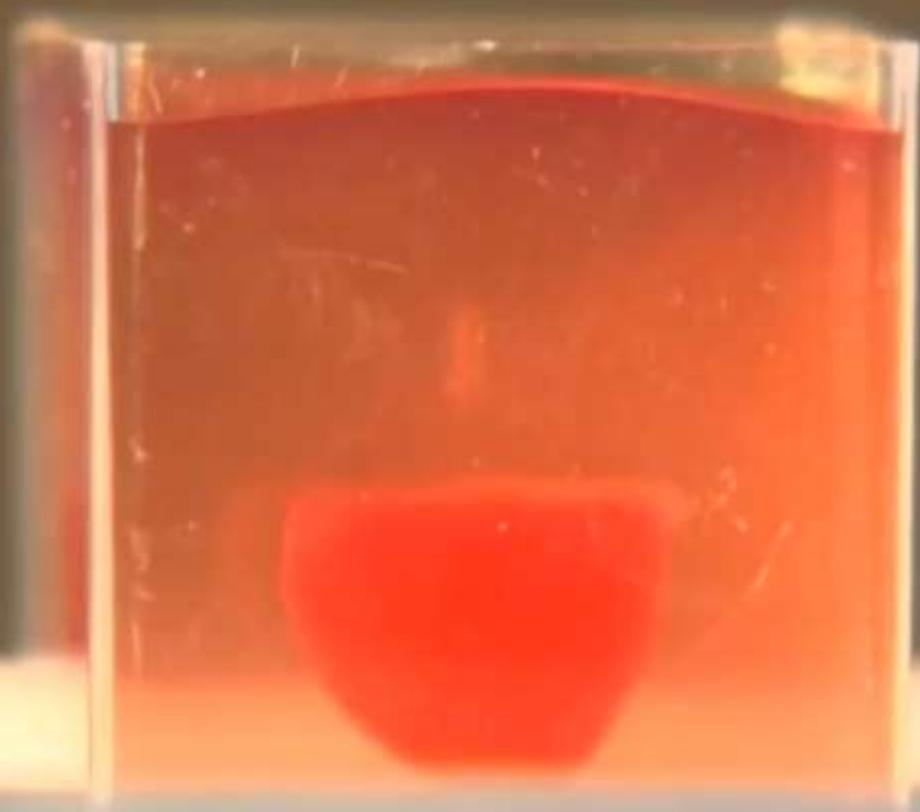
3. La computadora guía a la bio-impresora para ir depositando un diseño de células en capas muy precisas; una capa sobre otra. Entre cada capa se coloca una sustancia llamada "hidrogel", la cual se coloca a través de una jeringa especial y que sirve para "darle forma" a las células.



4. El tejido así "impreso", se deja crecer y madurar y se retira el "hidrogel".



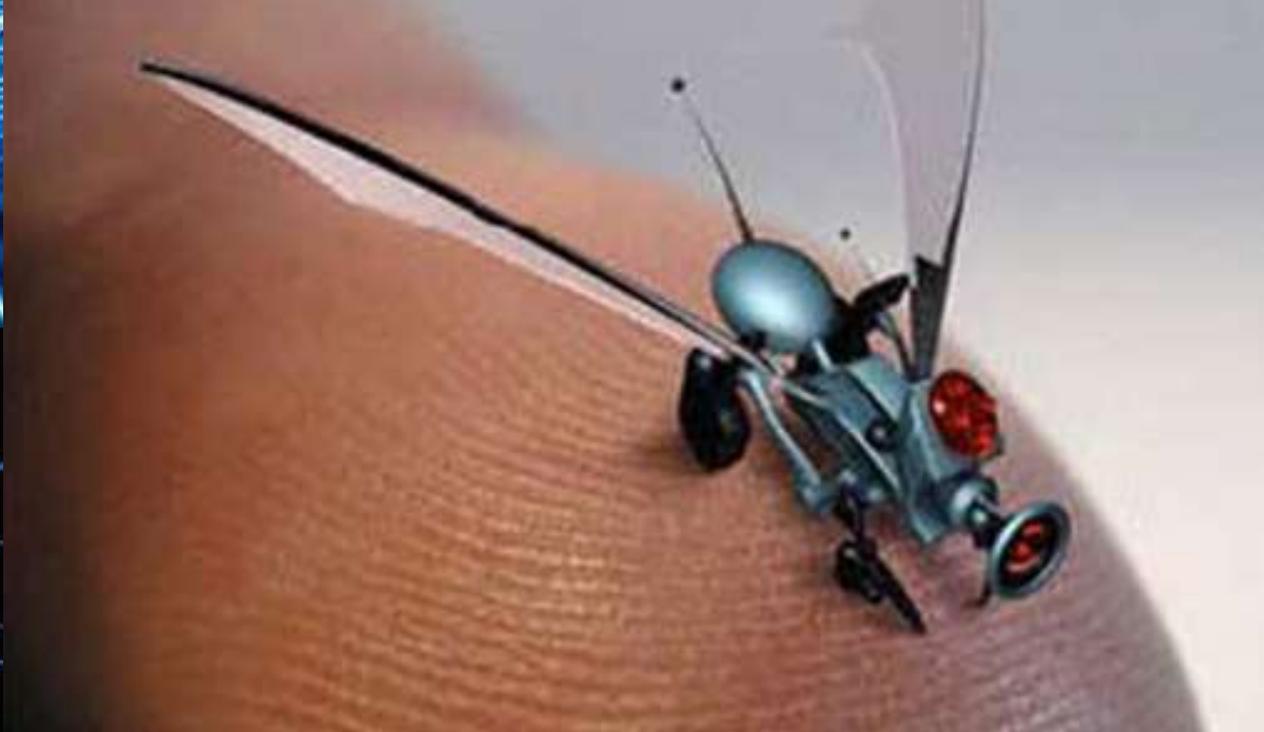
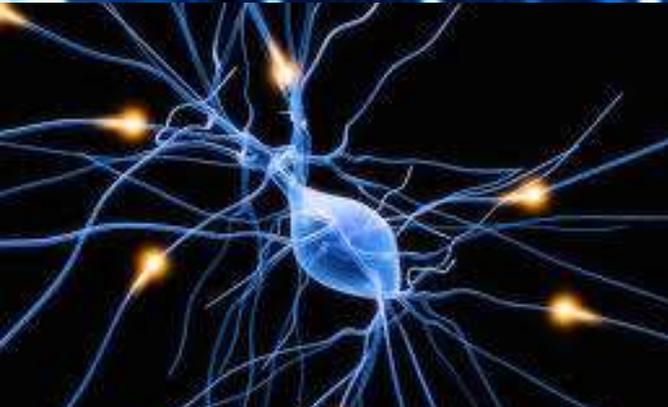
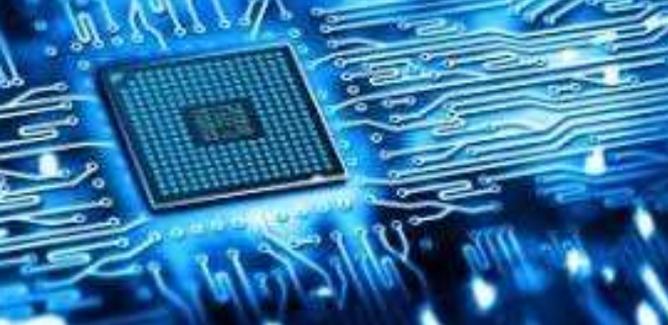
4. El tejido así "impreso", se puede usar para investigación médica o como material para trasplantes.



En un futuro cercano todo será cualquier cosa menos un "diseño"...

¿Qué sucederá entonces con los contratos de garantía extendida? ¿Qué vamos a asegurar?

¿La preocupación sobre la propiedad intelectual?



### Efficient Farming

A unit of water goes further with C4 crops, producing far more food. In China, planting C4 rice could feed 50 percent more people per hectare.

Rice and corn grown with equivalent amount of water (the small rectangles covered by a fourth of one millimeter with water)

C4 Crops  
30-37 kg

C3 Rice  
15-22 kg



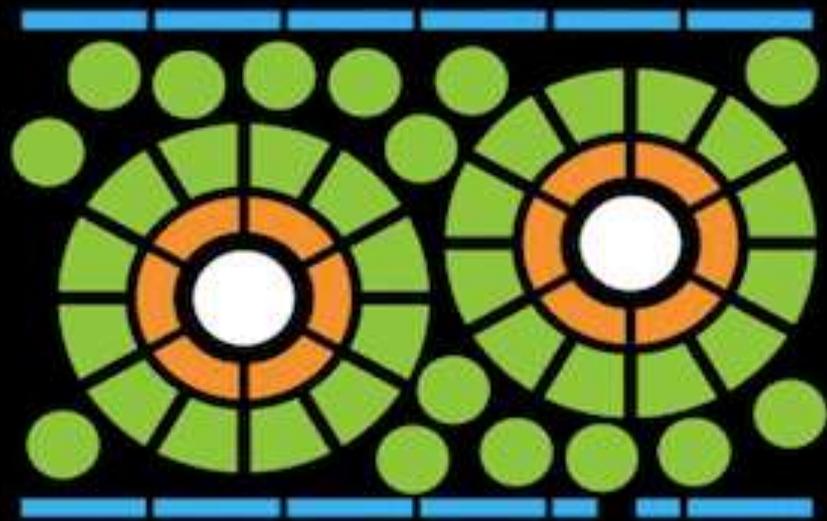
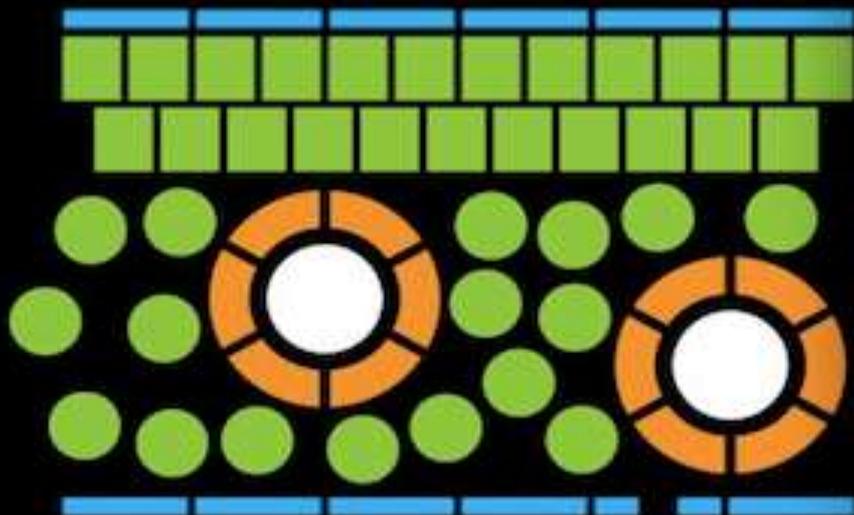
Possible yields in China for one hectare from one hectare of C3 vs. C4 rice

C3 Rice

36 people

C4 Rice

54 people





# CRISPR 101

Your Guide to Understanding CRISPR

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SYNTHEGO



Special Report **Genomics**

## crispr gene editing ready for testing in humans

Biotech companies plan to use the technique to treat blood diseases and blindness

CRISPR, a pioneering genome-editing technique could be used to edit living human cells

David Crow MARCH 5, 2018



© iStock.com

Rewriting Life

### China's CRISPR twins might have had their brains inadvertently enhanced

New research suggests that a controversial gene-editing experiment to make children resistant to HIV may also have enhanced their ability to learn and form memories.

by Antonio Regalado February 21, 2019

## SingularityHub

TOPICS IN FOCUS EXPERTS EVENTS VIDEOS

Topics

# Scientists Just Added Four New Letters to the Genetic Code

By Edd Gent - Feb 24, 2019 2,045





# Prevenir enfermedades por US\$199



## Personal Genome Service™

Get to know your DNA. All it takes is a little bit of spit.



Here's what you do:



1. Order a kit from our online store.



2. Register your kit, spit into the tube, and send it to the lab.



3. Our CLIA-certified lab analyzes your DNA in 6-8 weeks.



4. Log in and start exploring your genome.



### Carrier status

Find out if your children are at risk for inherited conditions, so you can plan for the health of your family.



### Health risks

Understand your genetic health risks. Change what you can, manage what you can't.



### Drug response

Ask your doctor with information on how you might respond to certain medications.



### Health tools

Document your family health history, track inherited conditions, and share the knowledge.



### Inherited traits

Explore your genetic traits for everything from eye color to whether to make pattern baldness.



### Scientific advances

Keep receiving updates on your DNA as discoveries and results, so your knowledge grows as you do.

### Disease Risks (100)

↑ Elevated Risks		Your Risk	Average Risk
Glaucoma	<b>new</b>	11.5%	7.8%
Restless Legs Syndrome		2.5%	2.8%
<a href="#">more &gt;</a>			
↓ Decreased Risks		Your Risk	Average Risk
Prostate Cancer	<b>cf</b>	12.7%	17.8%
Alzheimer's Disease	<b>new</b>	4.9%	7.2%
Colorectal Cancer		4.2%	5.8%
<a href="#">more &gt;</a>			

[See all 100 risk reports...](#)

### Carrier Status (24)

Hemochromatosis	<b>Variant Present</b>
Alpha-1 Antitrypsin Deficiency	Variant Absent
Bloom's Syndrome	Variant Absent
BRECA Cancer Mutations (Selected)	Variant Absent
Cystic Fibrosis	Variant Absent
Familial Dysautonomia	Variant Absent
Factor XI Deficiency	Variant Absent

[See all 24 carrier status...](#)

### Traits (50)

Alcohol Flush Reaction	Open Not Flush
Bitter Taste Perception	Can Taste
Earwax Type	Wet
Eye Color	Likely Brown
Hair Curl	Slightly Curlier Hair on Average

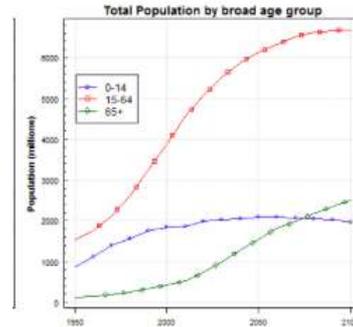
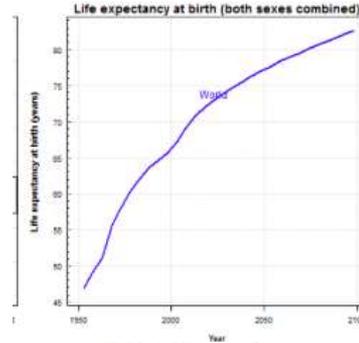
[See all 50 traits...](#)

### Drug Response (19)

Warfarin (Coumadin®) Sensitivity	<b>Increased</b>
Abacavir Hypersensitivity	Typical
Alcohol Consumption, Smoking and Risk of Esophageal Cancer	Typical
Clopidogrel (Plavix®) Efficacy	Typical
Fluorouracil Toxicity	Typical

[See all 19 drug response...](#)

# ... entonces, ¿cómo afectará a los seguros de vida?

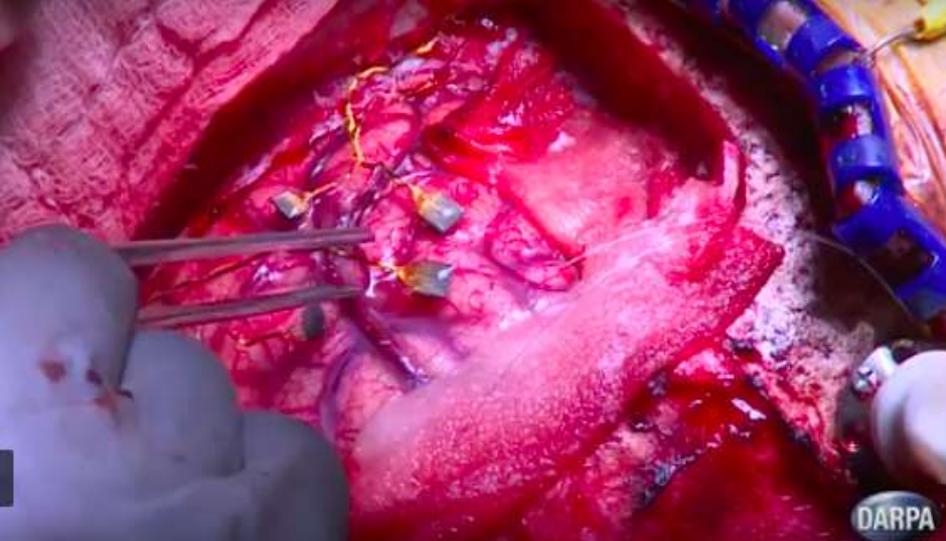


- ⌘ Bio-impresión 3D
- ⌘ Uso de IA en la medicina
- ⌘ Pruebas genéticas predictivas...
- ⌘ Podrían conducir a una selección adversa a través de asimetría en la información.



The NeuroMedical Center Clinic





Providing a Sense of Touch through a Brain-Machine Interface

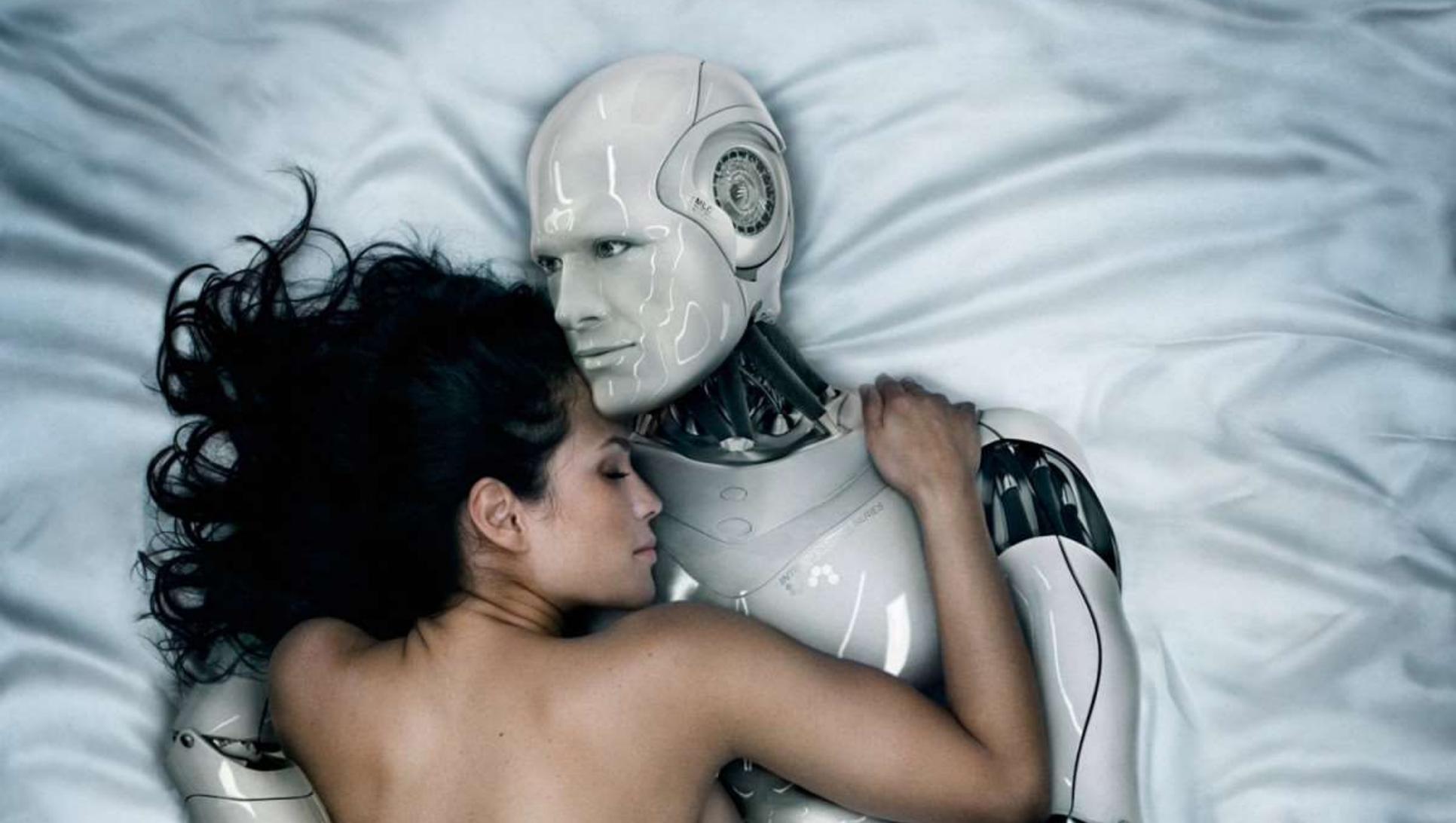


MORE VIDEOS



Jesse Sullivan and Claudia Mitchell demonstrate the capabilities of their RIC six-motor, neural-controlled prosthetic arms with a high five.  
*Photo courtesy of the Rehabilitation Institute of Chicago.*





6





¿Quién cree que Blockchain revolucionará a la industria?



¿Quién puede explicar qué es Blockchain?...





People in Bangkok are using **blockchain to trade electricity** with each other

# Finalmente...

## ... ¿Qué pasa con Blockchain?



[THE GROUP](#)

[REINSURANCE](#)

[PRIMARY INSURANCE](#)

[INVESTOR RELATIONS](#)

[MEDIA RELATIONS](#)

[CAREER](#)

» [Home](#) » [Media Relations](#) » [Other Company News](#) » [10 September 2017](#)

### Other Company News

You have access to the database of Munich Re company news. To find information quickly, you can choose from among the following search options:

10 September 2017

## B3i launches working reinsurance blockchain prototype

B3i, the Blockchain Insurance Industry Initiative, announces launch of market beta-testing of its reinsurance blockchain prototype.







4%

” ¿Propiedad  
?”

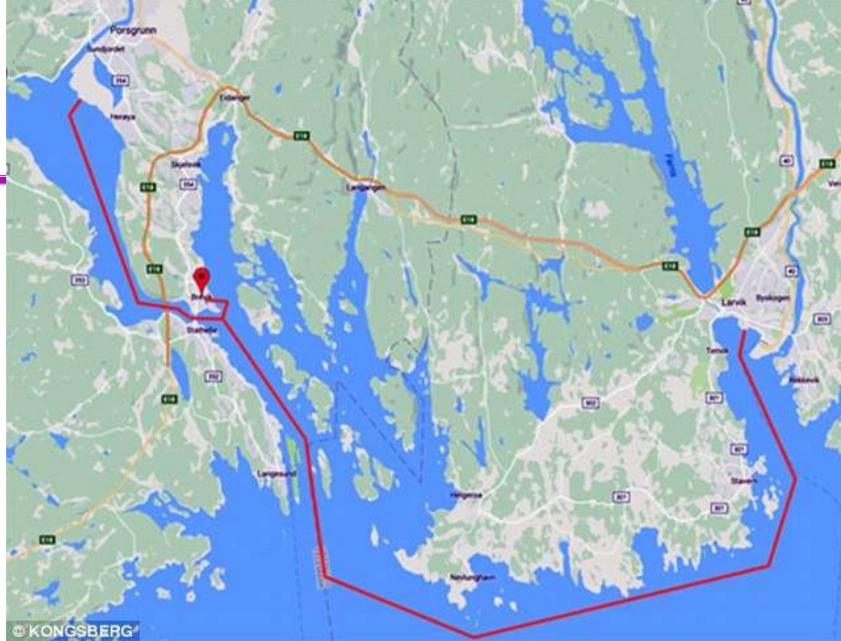
autónomos  
remodelarán  
completamente la  
nueva economía...

- 360 Surround View
- Rear View Camera
- Rear Cross Traffic
- Blind Spot Detection
- Lane Departure Warning
- Intelligent Headlamp Control

¿Y si en lugar de  
asegurar miles de  
millones de autos ahora,  
en el futuro tenemos que  
asegurar unas pocas  
miles de flotas...?



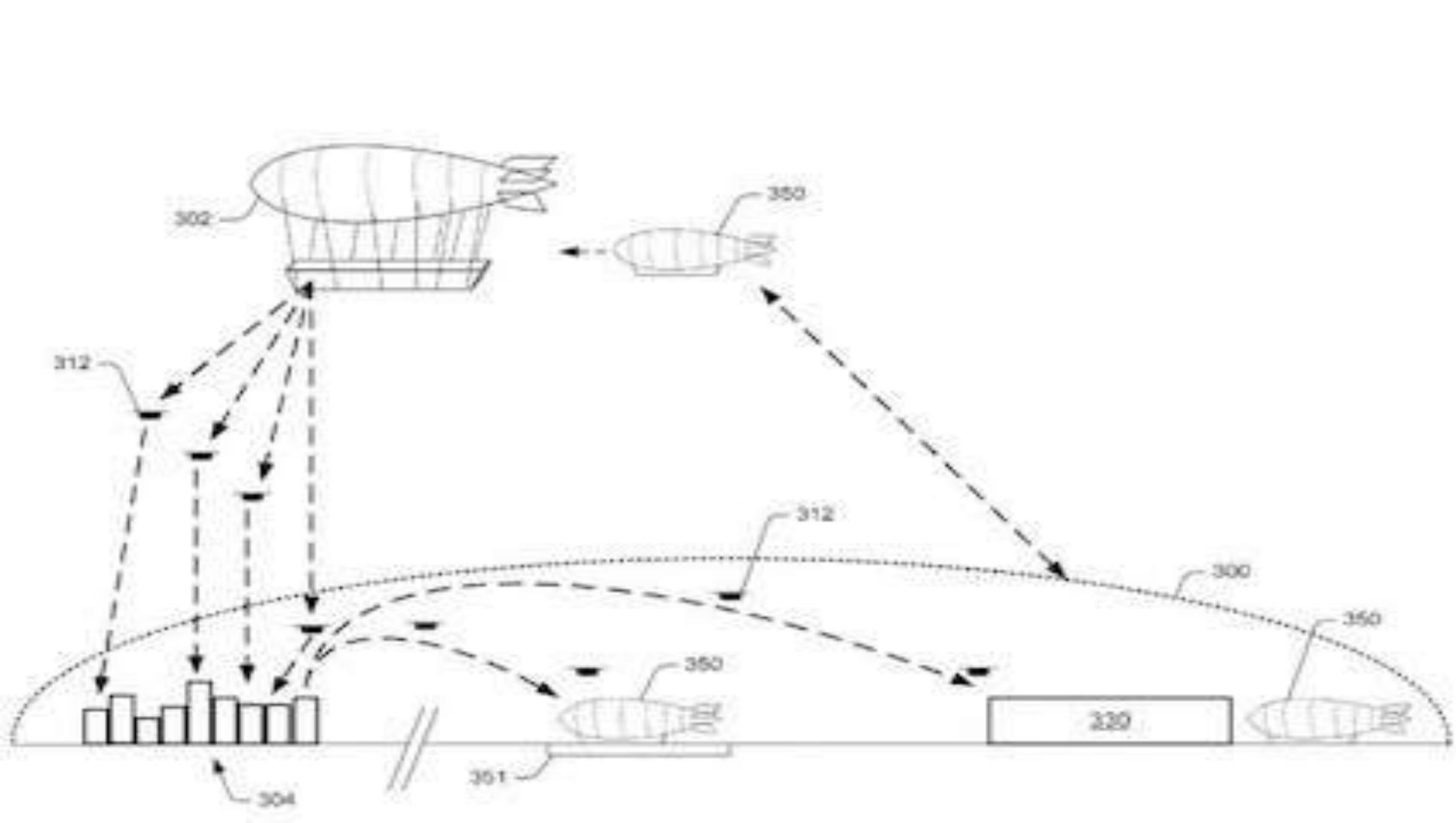
The autonomous ship YARA Birkeland.



Maersk

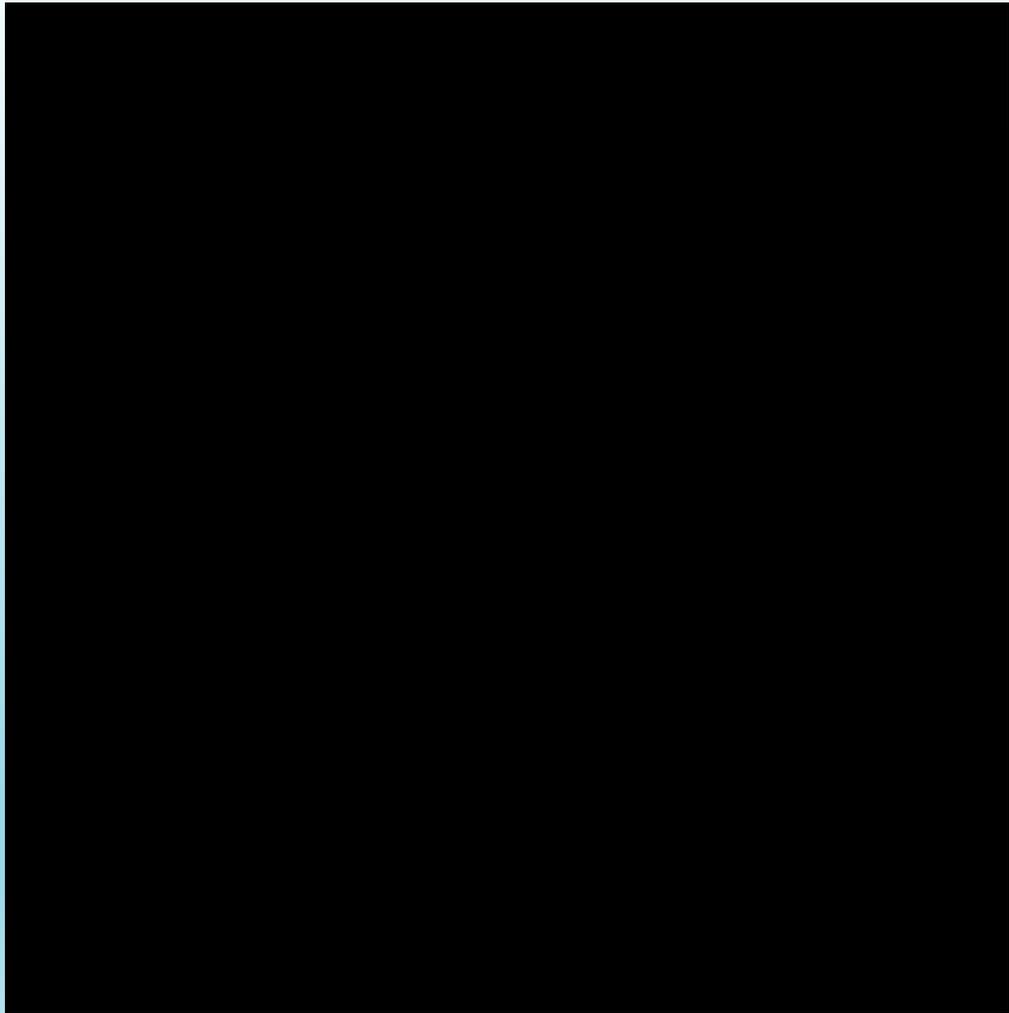


THE STRAITS TIMES









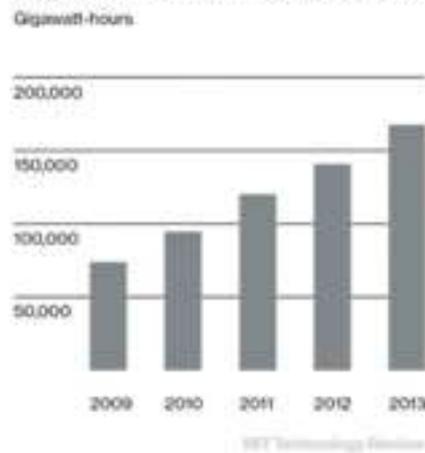




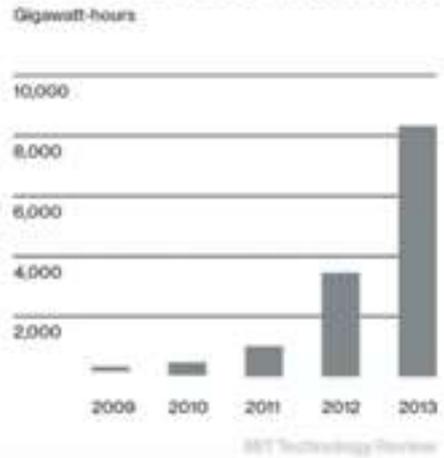




### U.S. Wind Power Generation



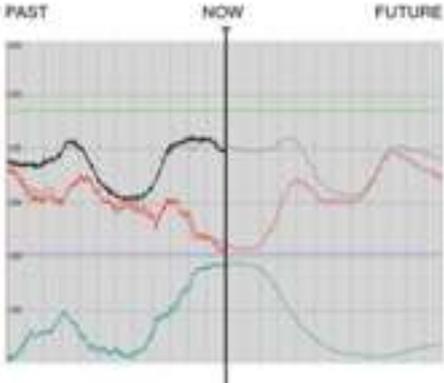
### U.S. Solar Power Generation



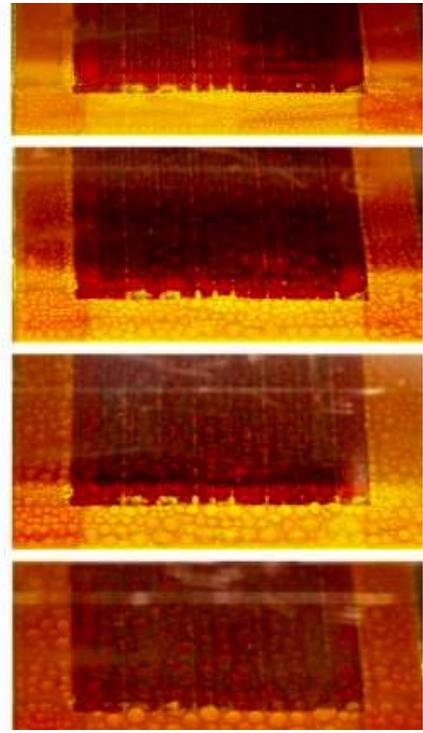
### Power Forecast



### Power Balancing







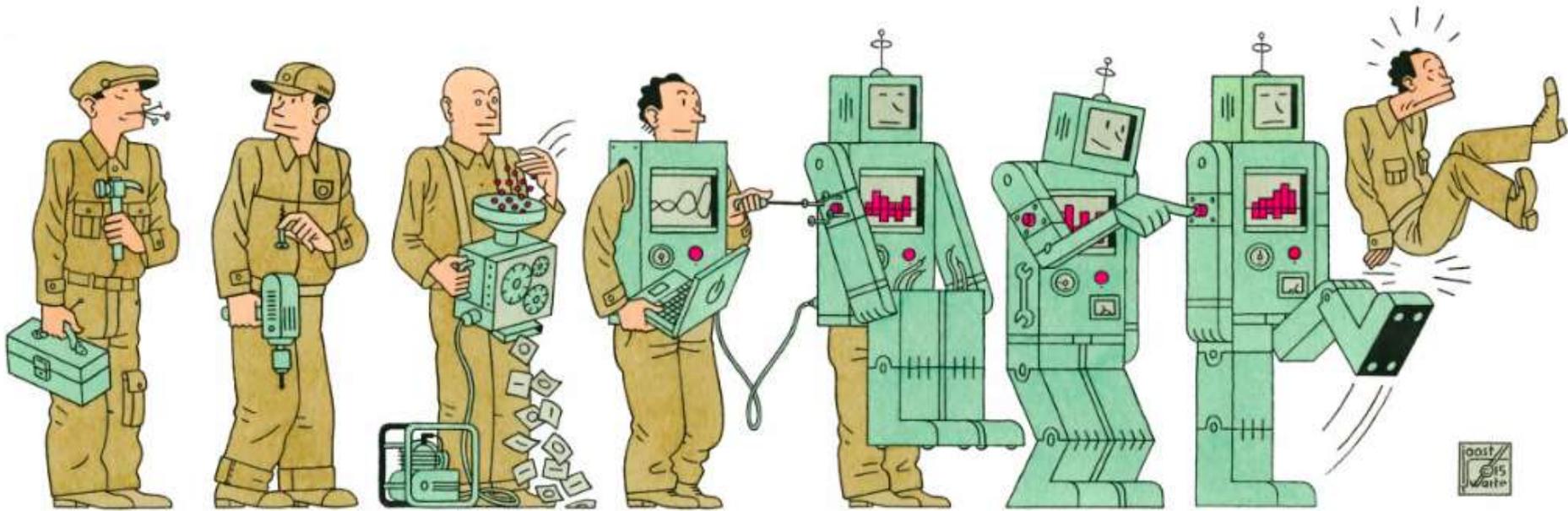


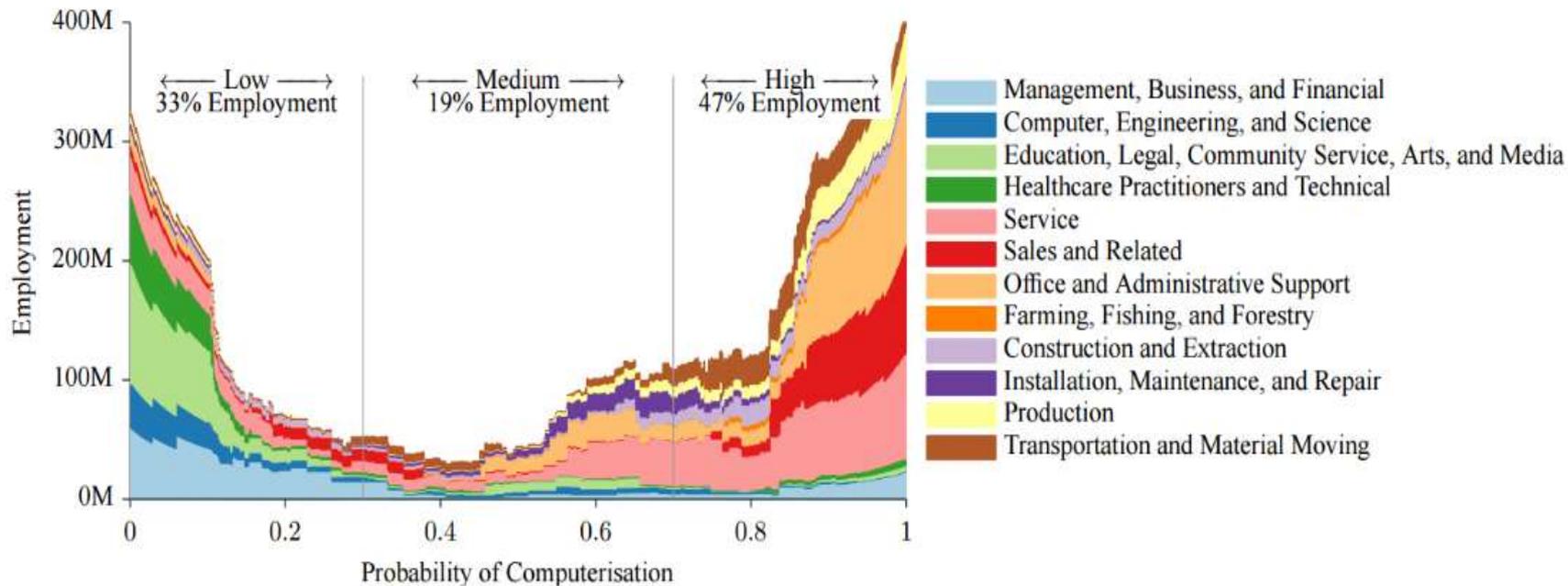




¿Quiénes  
se verán  
más  
afectados  
?





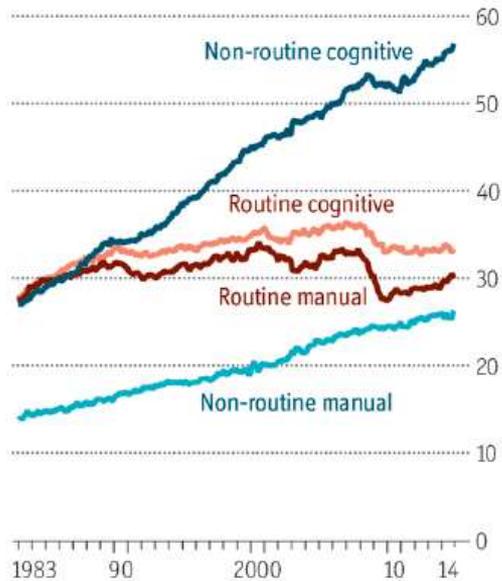


\* Distribution based on 2010 job mix.

Source: Frey, C.B. and M.A. Osborne, "The Future of Employment: How Susceptible Are Jobs to Computerisation?", 17 September 2013

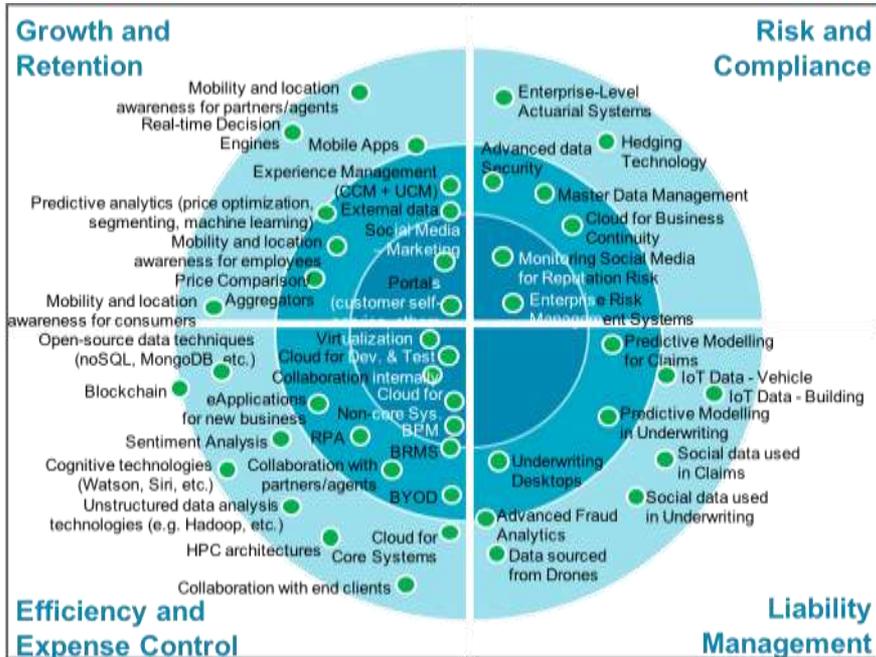
## Think

United States employment, by type of work, m

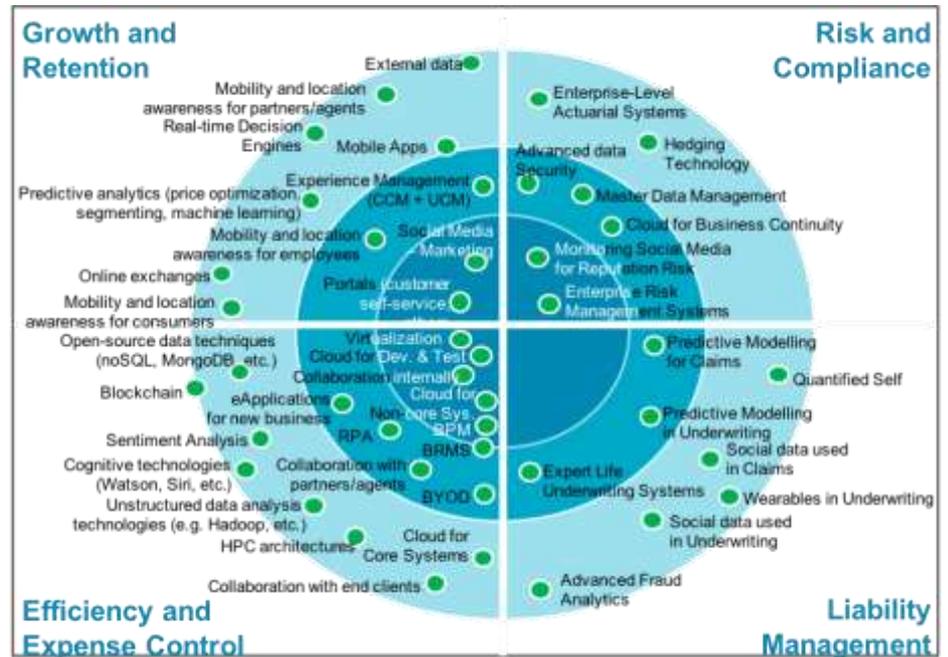


Sources: US Population Survey; Federal Reserve Bank of St. Louis





Daños generales



Vida



# The Pulse of Fintech Q4 2017

Global analysis of  
investment in fintech

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## Top 10 predictions for 2018

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- 1 AI accelerates:** Continued innovation and adoption of AI as an underlying tech
- 2 Regtech rising:** Increased investment in regtech around the world
- 3 Building bridges:** Greater collaboration and partnering between large-scale providers
- 4 Next gen digital lending:** The rise of online mortgage technology and platforms
- 5 Beyond use cases:** Early success efforts in the initiation of blockchain production systems
- 6 Open banking:** Open APIs pave the road for third party developers in Europe and Globally
- 7 New challenger banks:** Financial services incumbents building their own digital banks
- 8 Insurtech innovation:** Accelerated investment into driving insurtech innovations and building hubs around the world
- 9 Going full-stack:** Broadening of solution sets by mature fintech companies
- 10 Big tech participation:** More partnering between fintech and technology giants

## Top 10 Trends in Financial Services, 2018

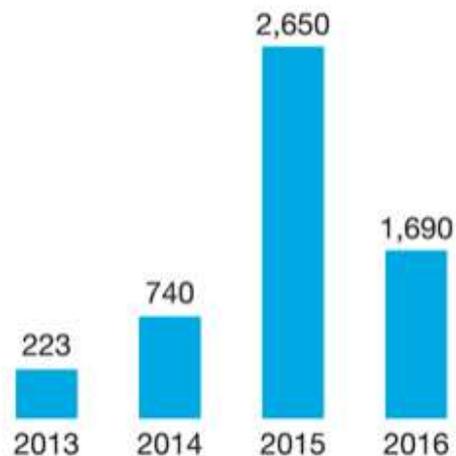
JANUARY 2018

- **Data protection and privacy take center stage:** Several factors, including ceaseless cyberthreats and Europe's General Data Protection Regulation (GDPR), will force insurers to adopt a fresh data strategy.
- **Unstructured data spreads in property and casualty (P&C) underwriting and claims:** Consumers want quicker underwriting and claims decisions, which will compel carriers to turn to unstructured data.
- **Technology becomes a greater part of loss-control strategies:** High-severity losses are pushing carriers to think differently about how to limit those losses.
- **Instant claims payouts become key differentiators in P&C:** In an increasingly customer-centric environment, more carriers will strengthen policyholder engagement and relationships by using available technology to pay claims quickly.
- **Life insurers step up customer-facing full-office digital transformations:** Customer demand and the need to improve upon the full customer experience will force life insurance carriers to look beyond front-office digital solutions to solutions that will support the full policy life cycle.
- **Accelerated life insurance underwriting gets personal:** The need to create an individualized experience while providing immediate gratification, simplicity, convenience, and products that fit consumers' needs is pushing carriers to shift to a true accelerated underwriting process, employing rules engines, scoring tools, advanced algorithms, and third-party data.
- **Life insurers embrace automation:** Reducing operational costs, improving scalability, and streamlining internal processes while plagued by legacy systems are some key reasons life insurance carriers are forced to implement RPA to support automation.
- **Health plans emerge as a medical bill payment channel:** Deepening provider and member relationships are the linchpin for more payers to implement medical bill payment collection technologies, paving the way for a new disruptive consumer collection model in healthcare.
- **Health insurers revamp provider data management:** Better provider data management is being driven by Centers for Medicare & Medicaid Services. But with potential financial penalties, health plans recognize this capability's importance as their businesses become more consumer-focused.

# Efficiently manage the InsurTech...

## The growth of insurtechs.

Insurance tech funding, \$ million



McKinsey&Company | Source: CB Insights

## Where insurtechs are focusing.

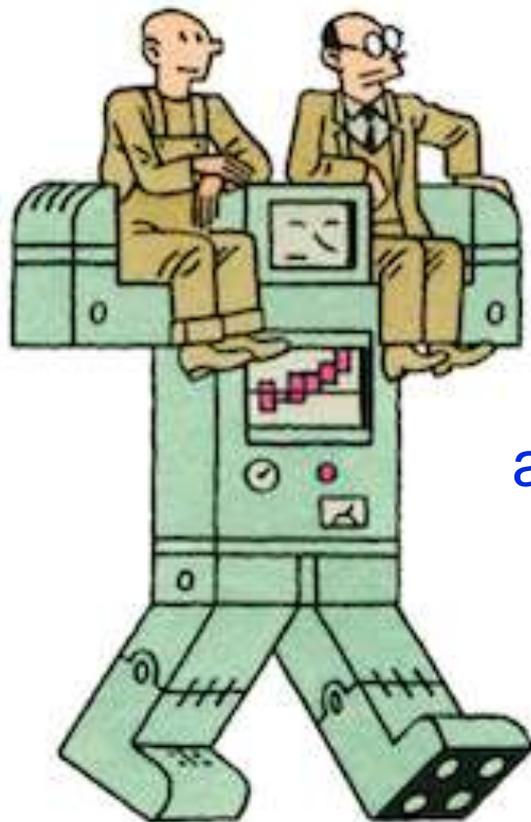
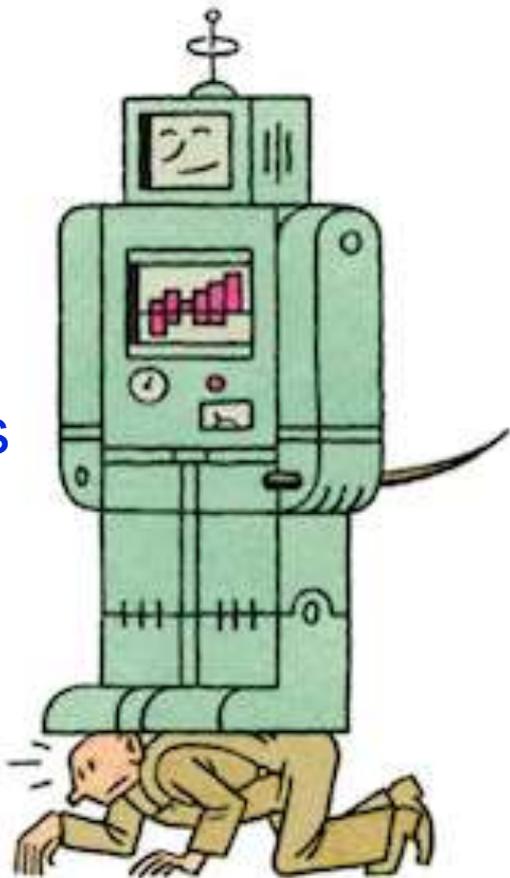
Number of innovations as % of total in the database<sup>1</sup>

Share of innovations in Insurtech database

● <5% ● 5–10% ● >10%



Tenemos  
que  
descubrir  
cómo evitar  
ser  
desplazados  
por la  
tecnología...



...y cómo  
aprovecharla  
al máximo  
en beneficio  
de todos.

Carlos Alejandro Belloni

