



Challenges

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With doubling healthcare demand, shortage of skilled personnel, increasing burn-out rates, decreasing budgets and patients becoming empowered, there is **no way** this is sustainable. **Healthcare will implode!**

Lucion Englis



12-13 PM - Pels 28, 2022 - Twitter for Phone



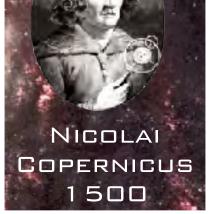
Health(care)'s Copernican moment

Professiona

Patient

Professional

Patient



S Curves

2. The rise to seeming infinite success

1. Start of a successful path (1st S Curve)

Progress

Opportunity GAP

4. A plateau or eventual decline

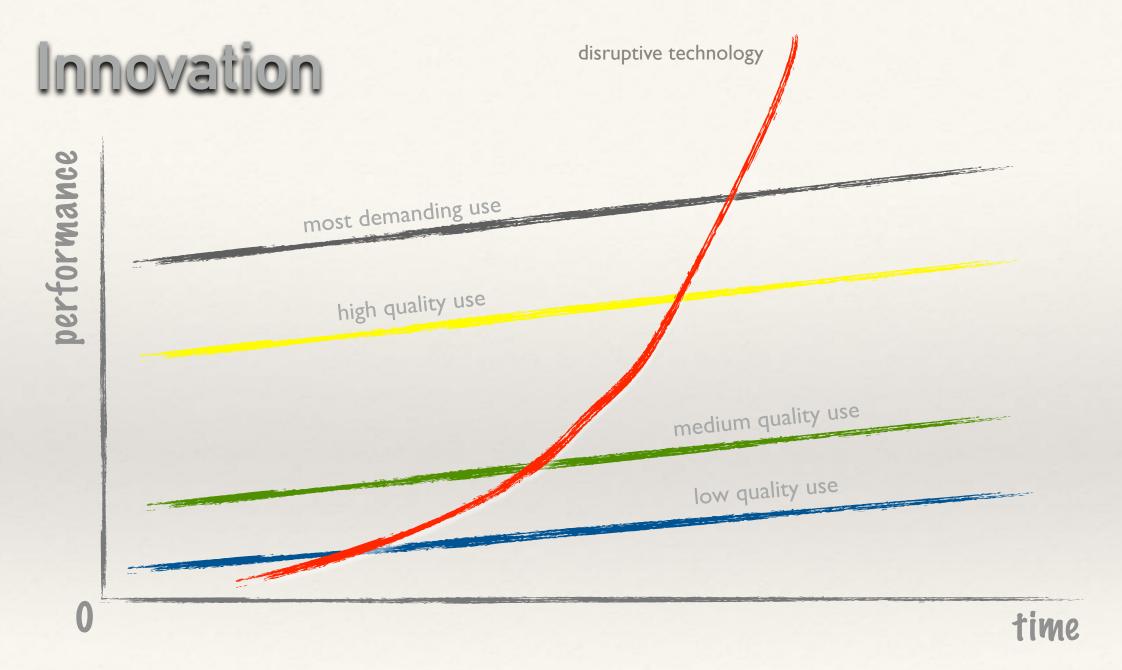
6. The rise of a new curve emerges. Almost time to break away again!

Progressive Success!

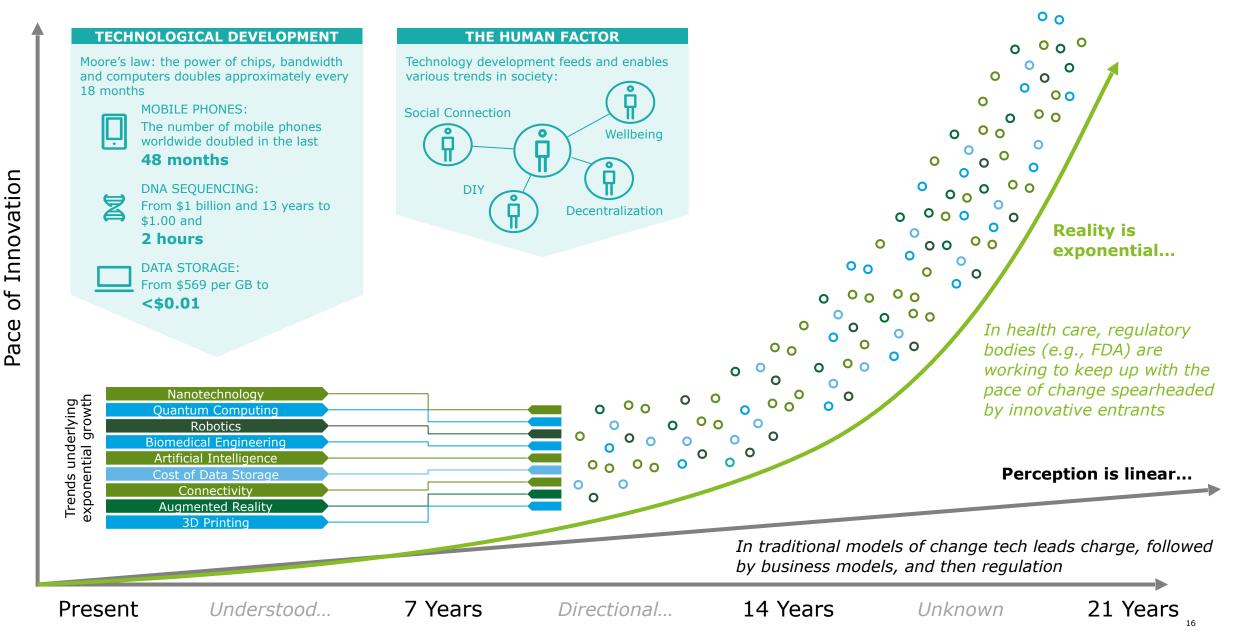
5. Don't be fooled by a temporary depression

3. Here's your chance to break out of an oncoming routine. Explore, embrace change, and seek it out, even when it seems illogical to do so. (2nd S Curve starts)

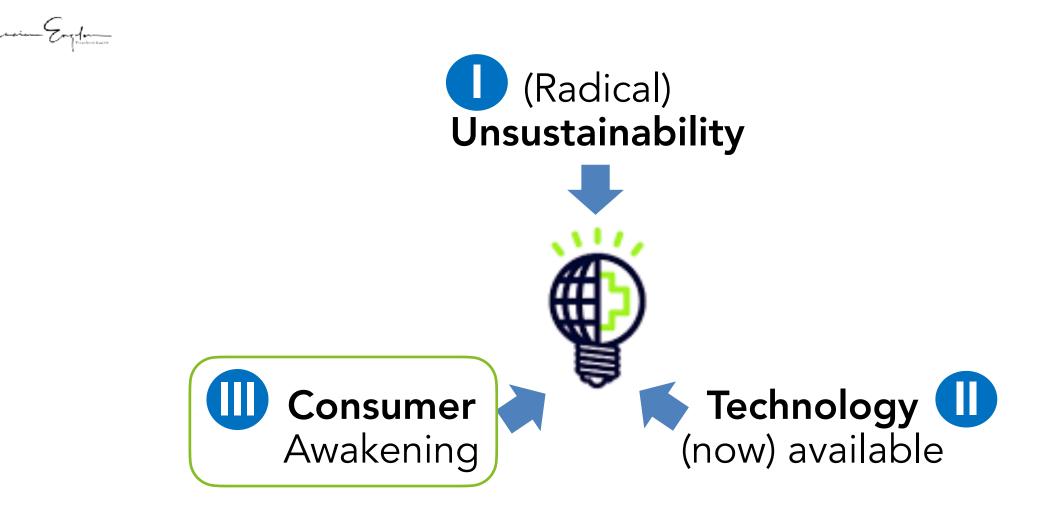
Time



Exponential change will accelerate the pace of disruption







The Innovation Imperative: 3 Forces

RESTAURANT MENU

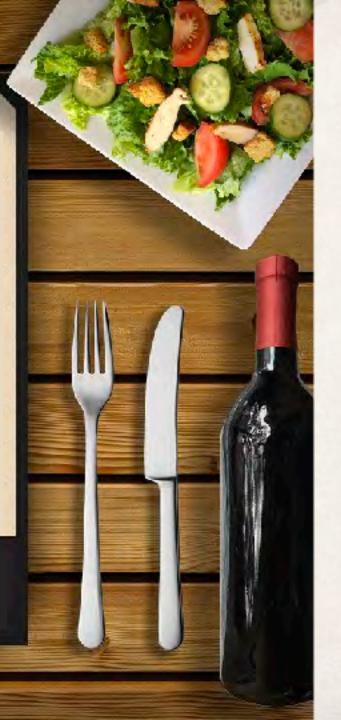
IXI

APPETIZERS

When people talk about us when we're not at the table : we are on the menu

Health(care)

Lucian Engla-









The Future will fool history

win England

Big tankers need help, to find safe passages, or sandbanks. Once on course, they'll be able to maintain it vastly





CEO Transform.Health

Strategist Health(care) Innovation for :

- Deloitte Center for the Edge (Global / not employed, non-commercial)
- Vodafone Ambassador Centers for Health (Global)
- Laurentius Medical Center (Roermond, NL)
- HIMSS (Chicago, USA / moderator / consulting)
- Speaker (Global)

Faculty Singularity University Exponential Medicine (Silicon Valley USA)

Part of initial group Global Linkedin Influencers (Global) Part of inaugural group The Washington Post brandstudio (NYC, USA)





Erasmus MC Caring







Line England



Digital transformation is making the world a lot smaller

Health(care) <u>has</u> become a software business...

Health <u>is</u> becoming a software business...

Interface

/'in-tər-₋fās/ *noun*

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Proximity

/prpk'sımıti/ *noun*

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User-interface

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User-experience

Luin England



Digital Shopping

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We have become a **DIGITAL**



Let's not become the **DIGITAL**





Island-thinking

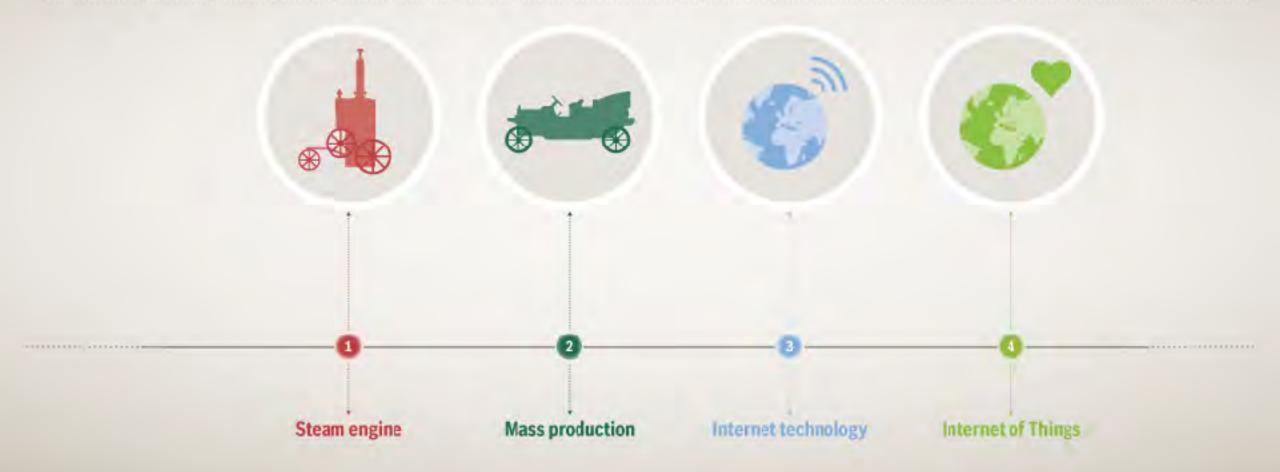
min Englan

Digital Only.

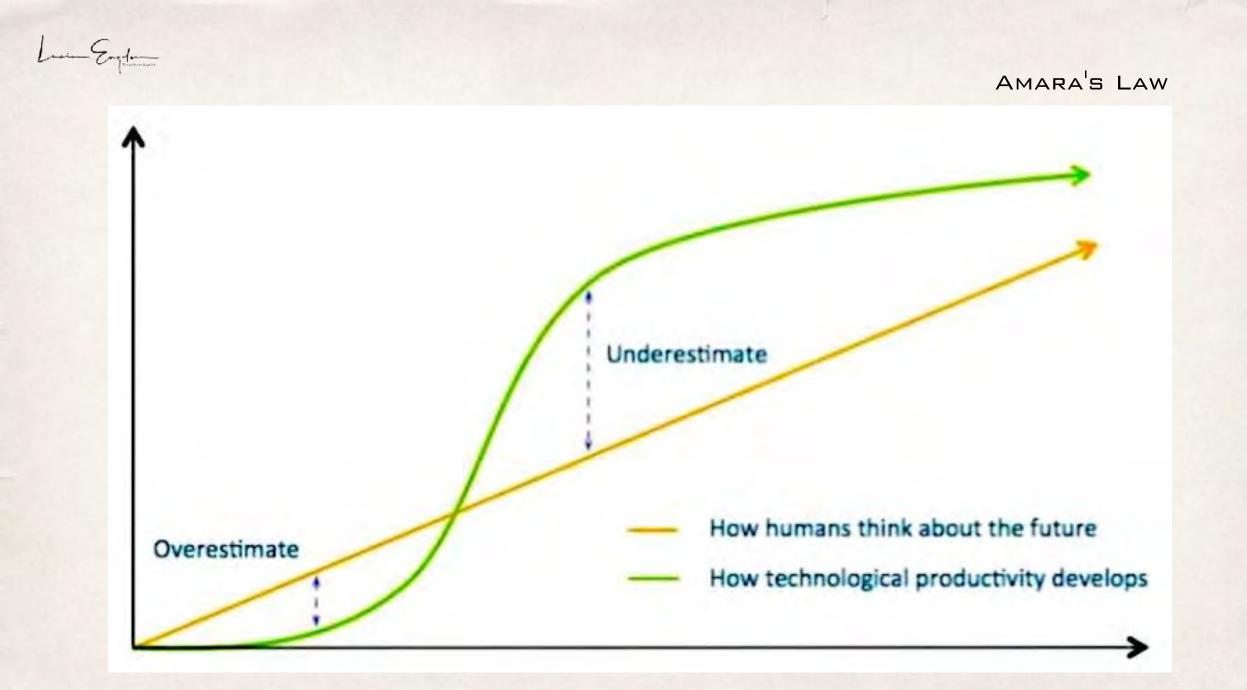


FOURTH INDUSTRIAL REVOLUTION

Lisin Englin



©lucienengelen



From patients' perspective: Healthcare for 80% is blunt logistics





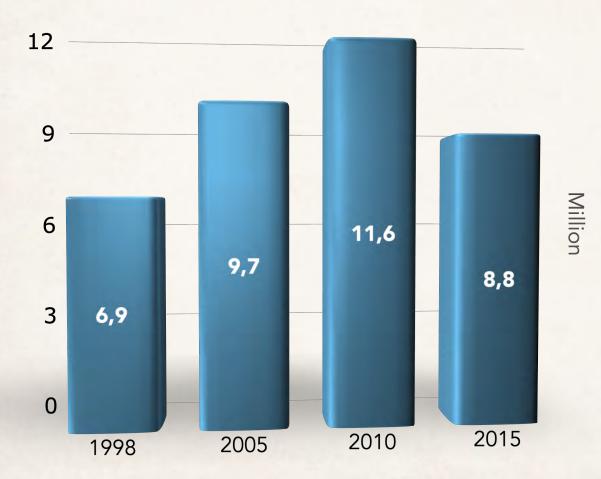






FIRST-time outpatient visits

These are ~33% of all outpatient-visits





2015 : Outpatient-visits **8,8**M Patient-movements 8.8 x 2 =**17,6**M Mean distance nearest hospital ~5,3 km Total **91**MILLION KM /year

ONLY for 1st outpatient-visits

Lin England

https://digitaal.scp.nl/publiekvoorzien/curatieve-zorg/ziekenhuizen-en-medisch-specialisten/#groei-in-dienstverlening-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-loslaten-budgettering-door-losl

From patients' perspective: Healthcare is 80% blunt logistics



Health(care)'s Copernican moments

PATIENT PROFESSIONAL PROFESSIONAL

NICOLAI COPERNICUS 1500

Proximity

/prpk'sımıti/ *noun*

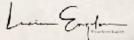
nearness in space, time, or relationship.



from 'Hospital' to 'Home'



from 'Hospital' to 'Phone'







WAT KAN IK VOOR U DOEN?

WAAR IS HET VOOR?

HOE WERKT HET?

WANNEER BEGINT DE WERKING?

Sint Maartenskliniek Apotheek + 31 024 - 3659677 maartensed chreit 2./fak tenskinje (d

INSTELLINGEN

GESPREK BEEINDIGEN

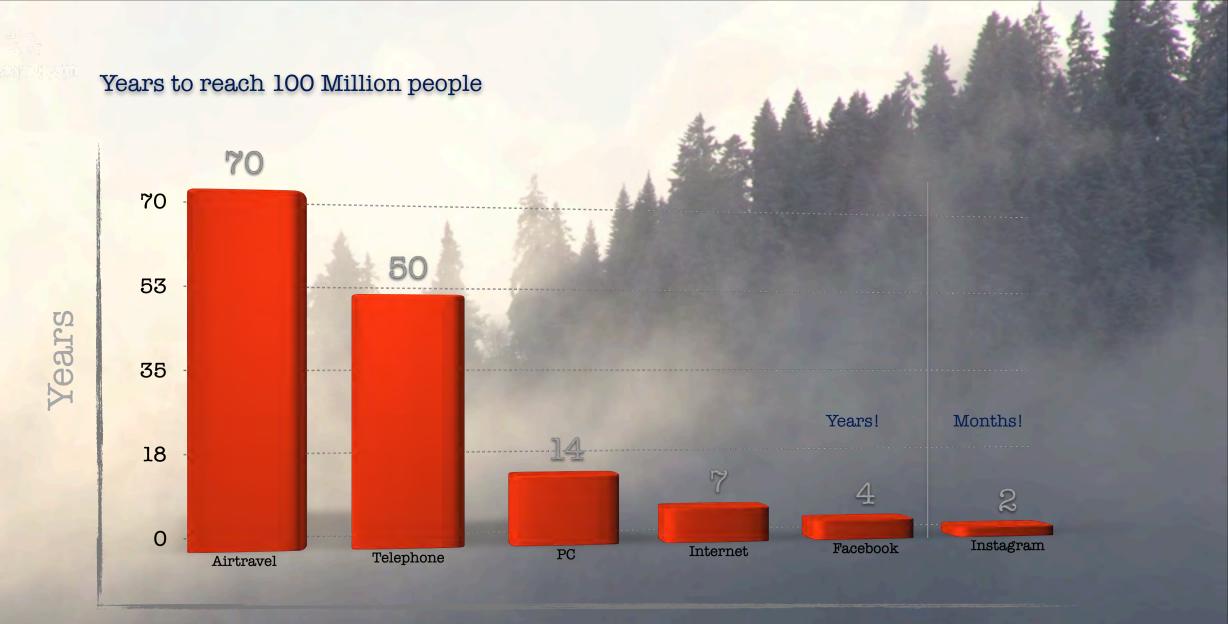
Digital Humans

19-+3

HOUD DE SPATIEBALK INGEDRUKT OM TE PRATEN

3

- Goode



min Engle



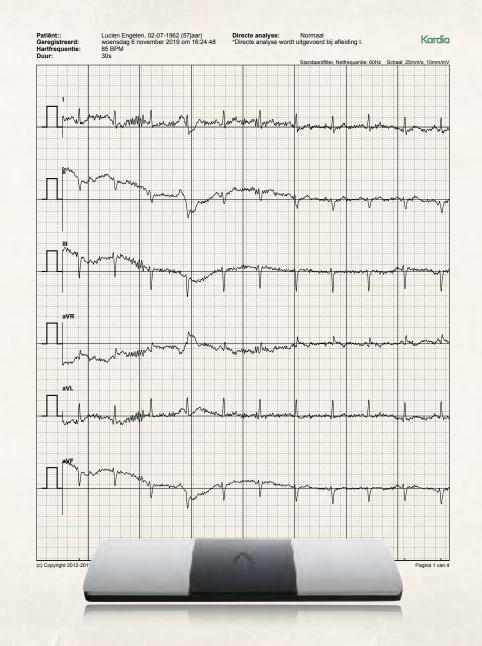
ECG

Sinus Rhythm

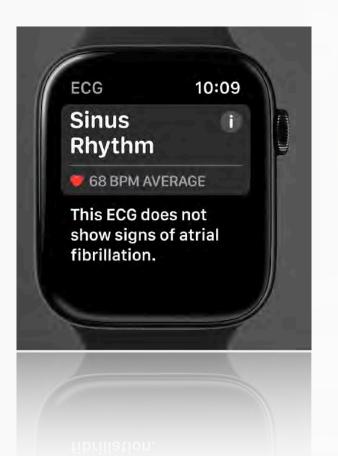
🖉 68 BPM AVERAGE

10:09

This ECG does not show signs of atrial fibrillation.



Levien England



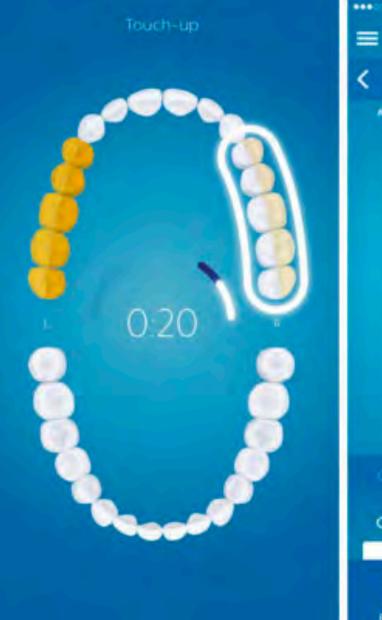
Blood O₂ 10:09 7sec

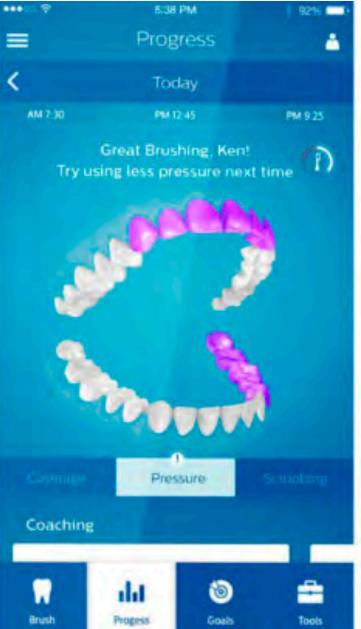


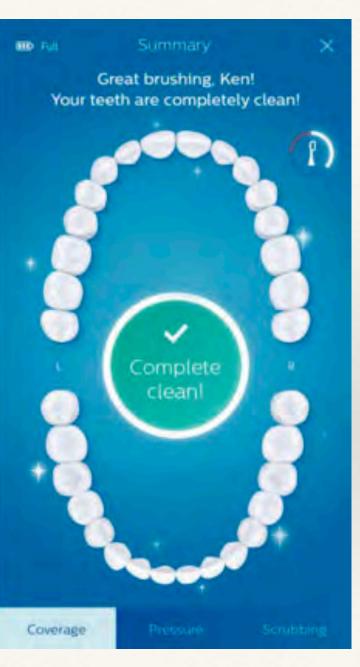


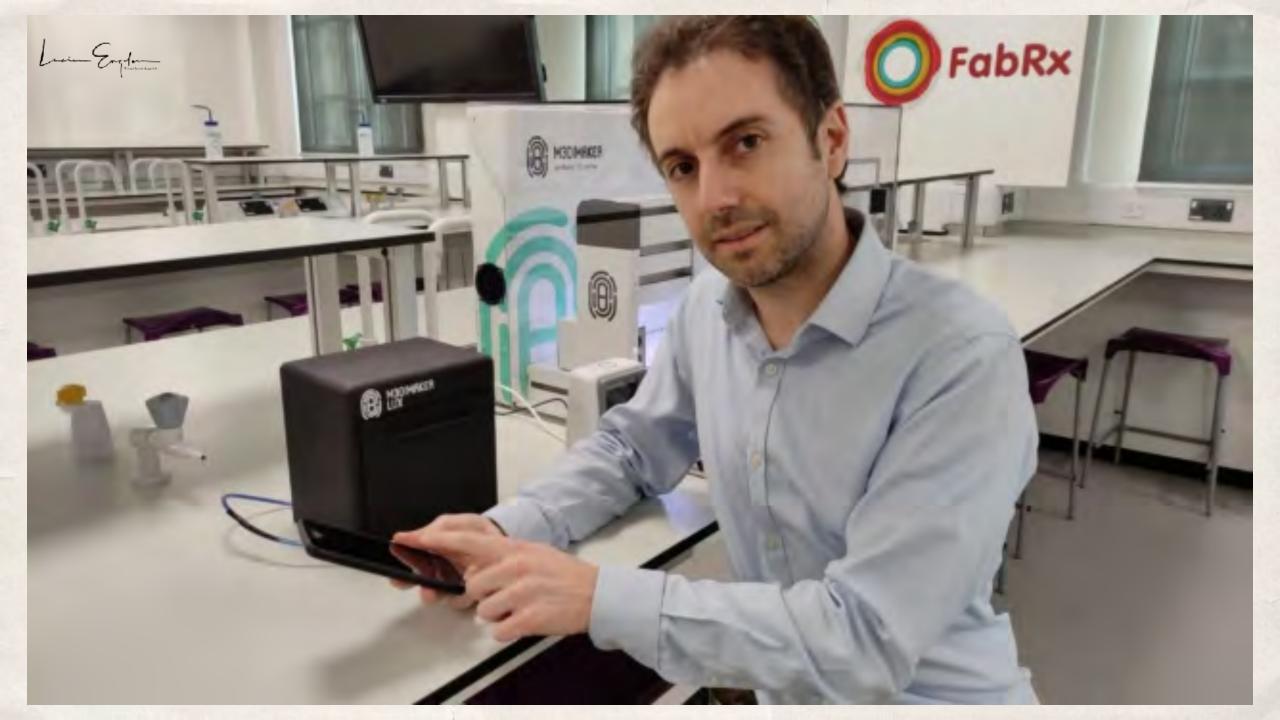
8.1











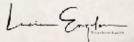
Apple's AirPods Pro Can Now Function Like a Hearing Aid



DAVE LECLAIR V @caveglecleir OCT 7, 2021, 9:58 AM EDT | 1 MIN READ



Framesira/Shutterstock.com



Transform Health



LIFE VITALS IN CLINICAL PATIENTS

LEAN MONITORING

PHILIPS

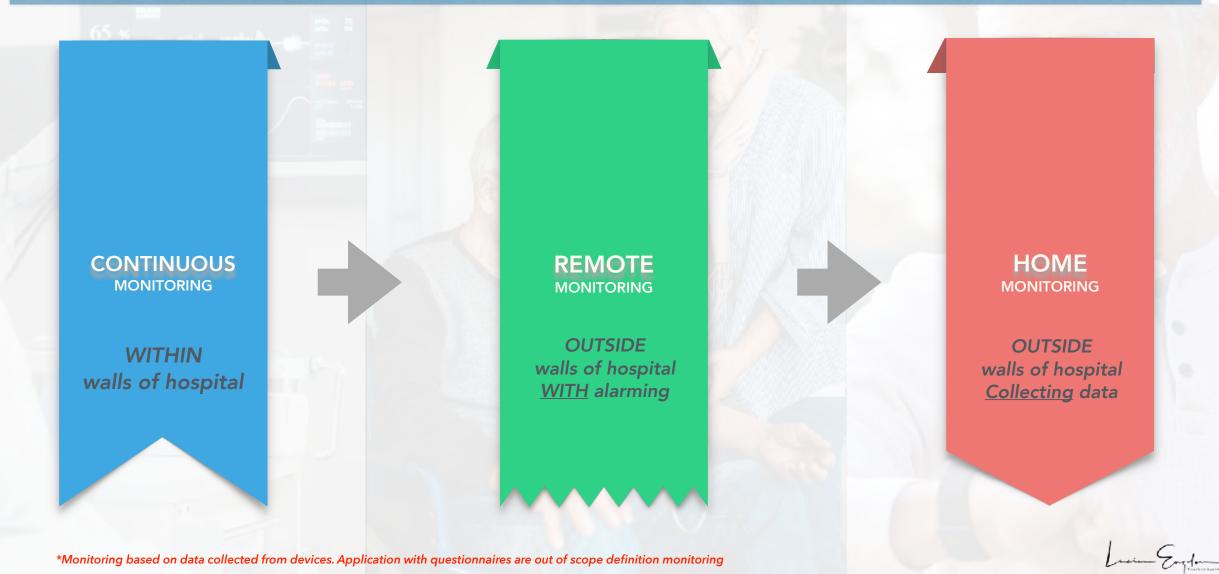
661



... when they need to be Continuous & Proactive

Defining monitoring*





*Monitoring based on data collected from devices. Application with questionnaires are out of scope definition monitoring

3

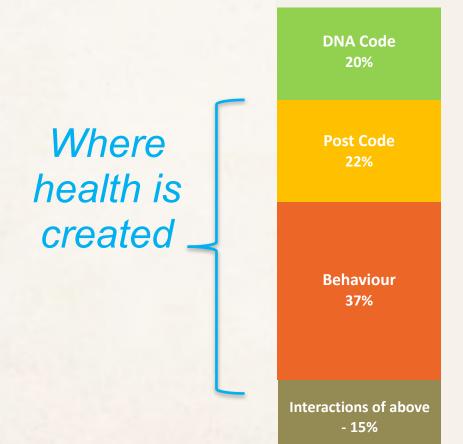


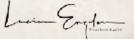
"For years we have been 'pregnant' of digital health, and now -during this impressive pandemicit came to life, through an acute c-section"

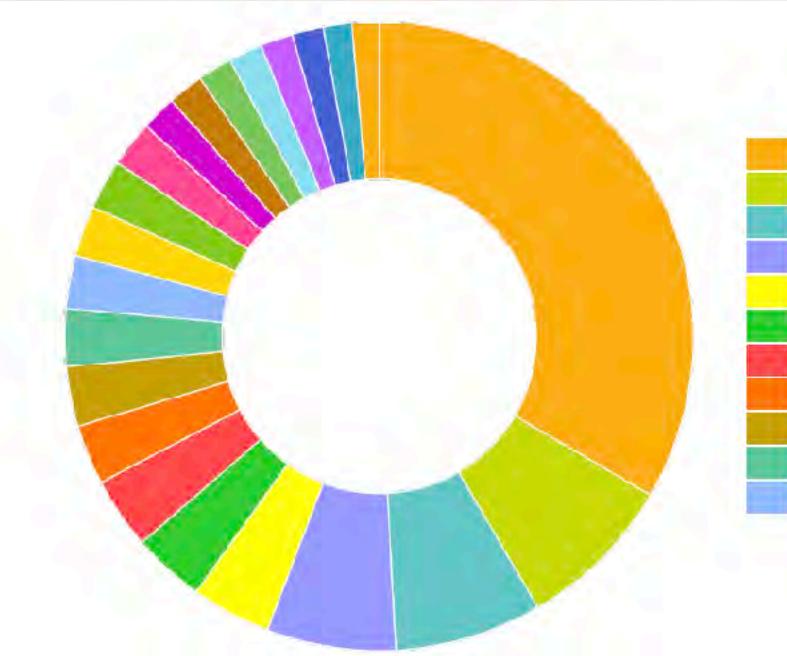
2 Lucius England

11001

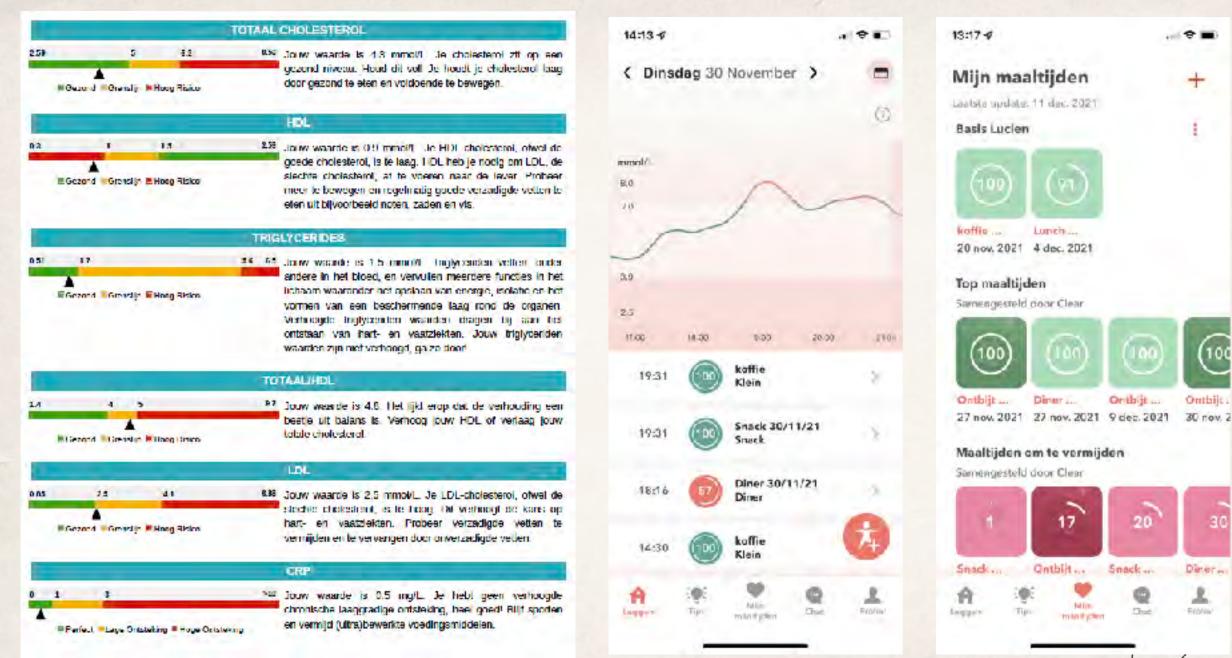
Drivers of health Where we invest







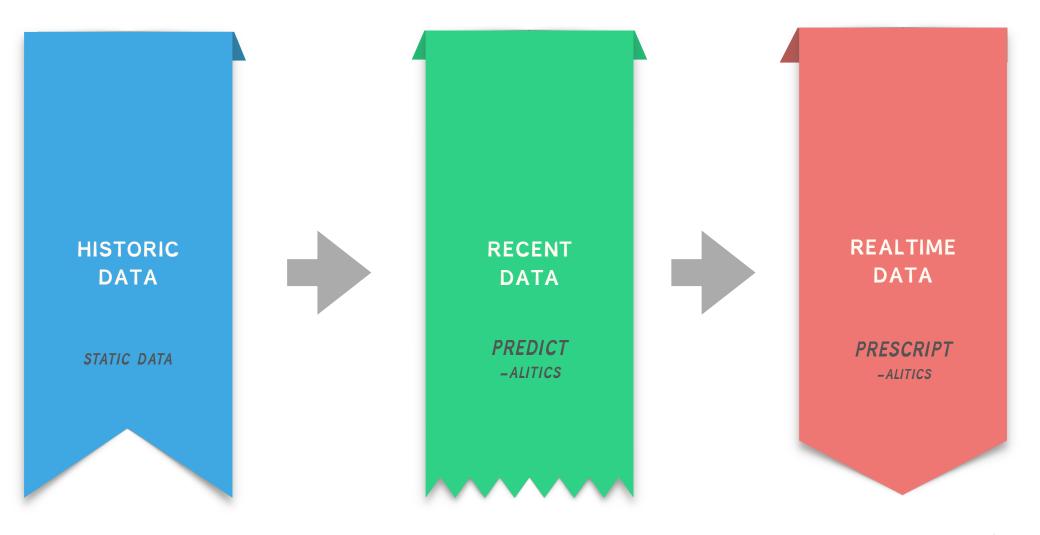
Bacteroides vulgatus (25 9%) Parabacteroides distasonis (6 3%) Bacteroides uniformis (5.9%) Faecalibacterium prausnitzii (5 1%) Blautia wexlerae (3.2%) Parasutterella excrementihominis (2.9%) Akkermansia muciniphila (2.9%) Eubacterium rectale (2.4%) cyanobacterium enrichment (2.4%) Bacteroides cellulosilyticus (2.3%) Bacteroides ovatus (2.1%)



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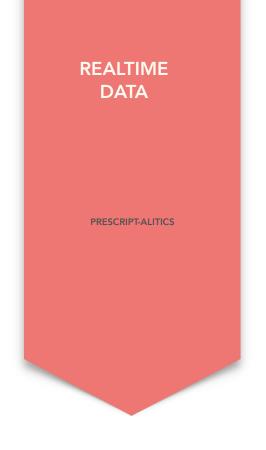
Trasform Basilt

New data segway?



Lucian England

New segway?



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Access to care 6%	
DNA Code 20%	
Post Code 22%	
Behaviour 37%	
Interactions of above - 15%	

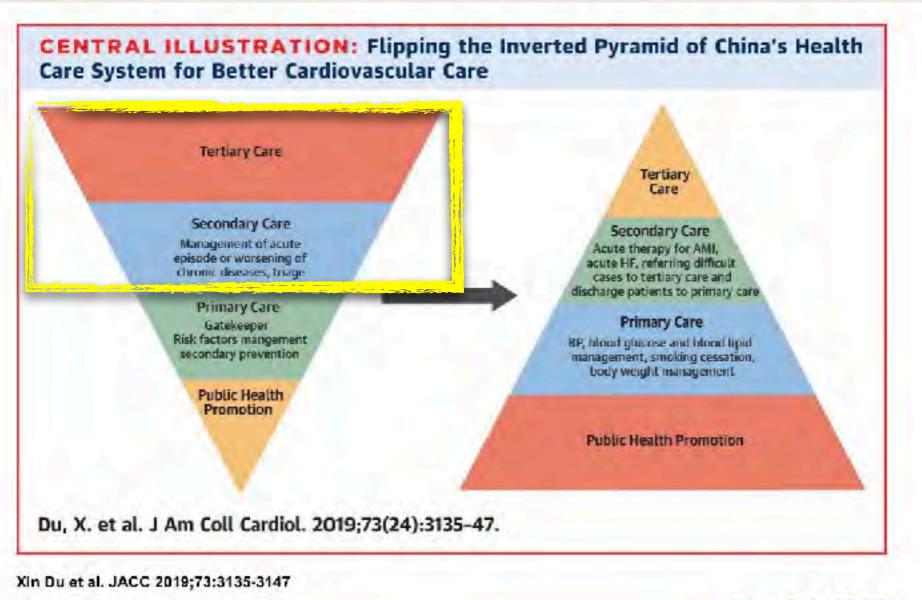
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BORKS	REVERSIT		-0,91
BONE	CESCIR WORT		-1.45
BURLS	KAN		-0,00
BOMUE	COURCETTE		-0.08
BURLE	MARMITTEL		8, 39
BONUS	ALORIK .		-1.85
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BUNUS	LP BROK		-2,64
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Different receipt Based on personal profile, activity & intake.



Linking the Future of Health

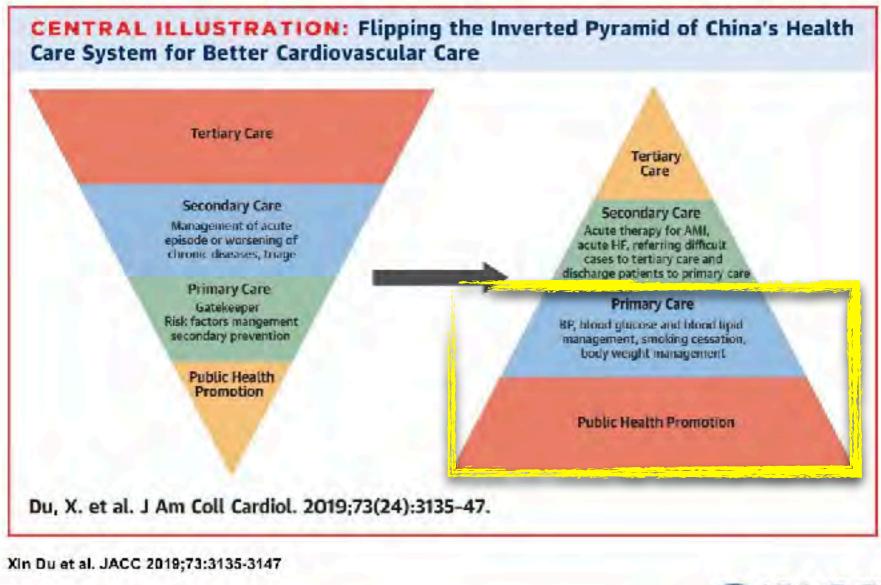
Future of Food	Future of Work	Future of Mobility	Future of Finance	Future of Retail	Future of Medicine
 Personalised Insight driven Biome-based Preventive Prescriptive Activity based 	 Who What Where Al Impact More creative Gig-economy Flexible (care) Mental Health Safe housing 	 Delocalise De-stress (valet) Exercise Flexible Predictive Shared assets Increase travel distance 	 Debt lowering Insight driven Education Preventive Affordable housing 	 Consumerism Retailisation New players Online Insight driven 	 Personalised Delocalise Democratize Digital Insight driven Prevention Prescriptive Al
					©lucienengelen 2018



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Luin Engl



JACC

Luin Englan





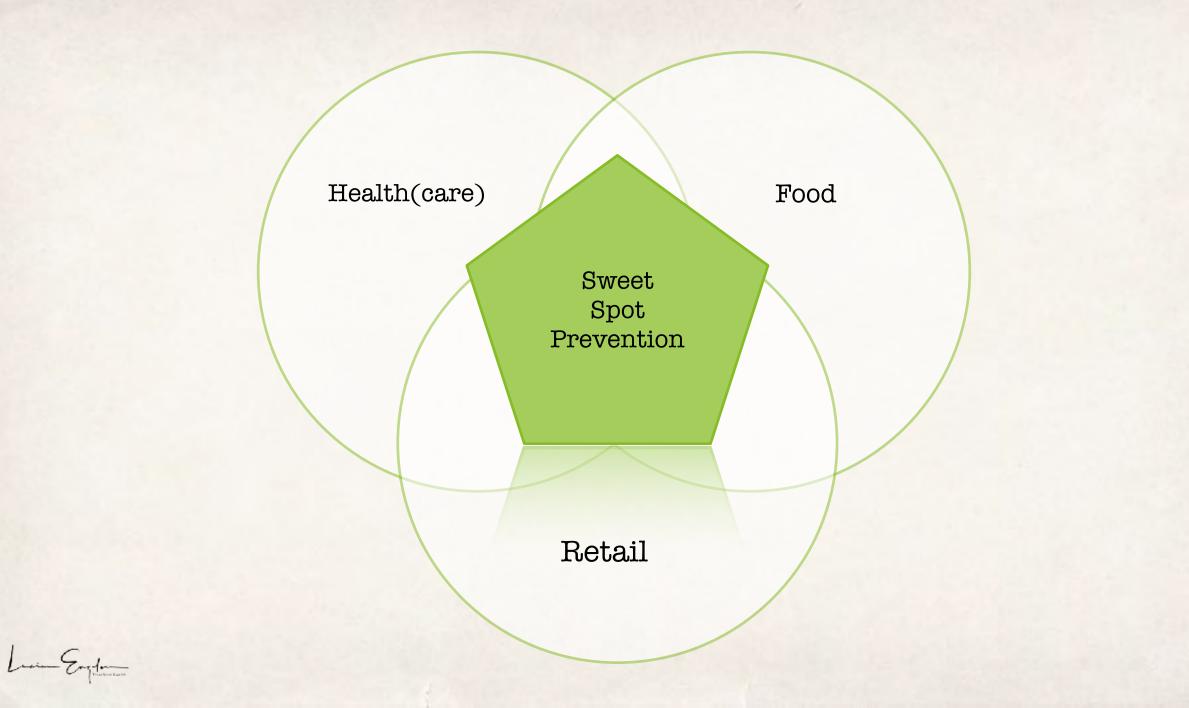
Lucia England





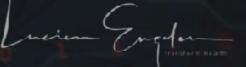
The Innovation Imperative: 3 Forces (Radical) Unsustainability **Consumer** Awakening Technology 🕕 (now) available

Are we ready ?

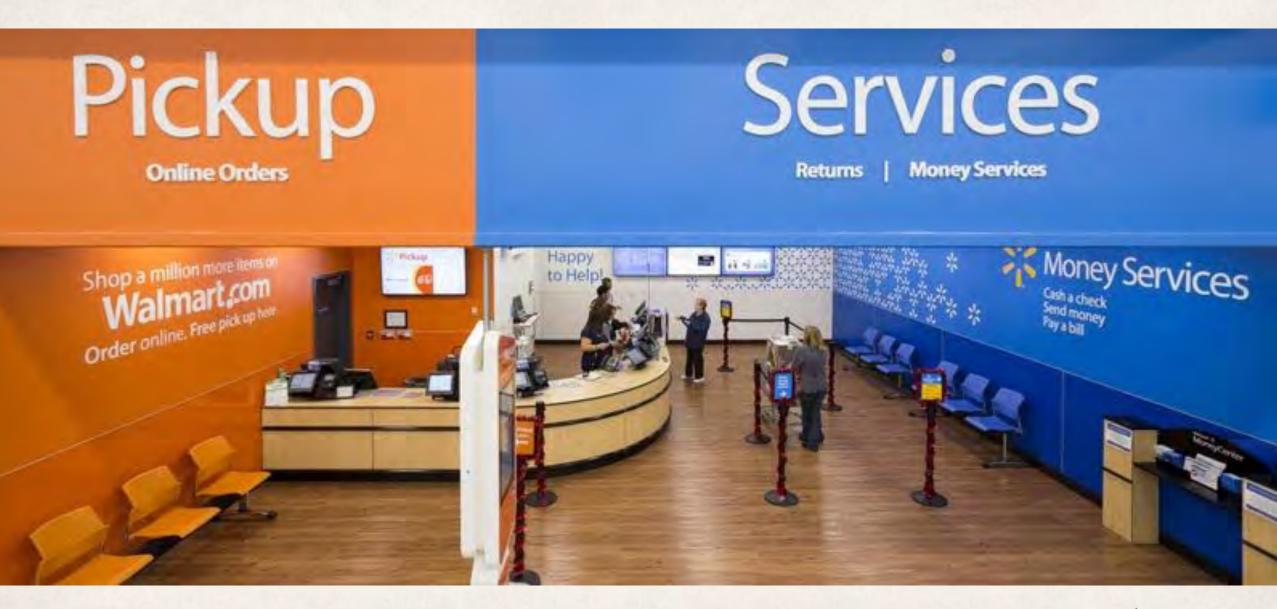


HOW CANI

NEW AMSTERDAM BREAK THE RULES. HEAL THE SYSTEM.









Delocalized Democratized Digital Dollars







in England

Big tankers need help, to find safe passages or sandbanks. Once on course, they'll be able to maintain it vastly

Even when the course would be wrong ...

