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Financial Services Conference 2021

**CONTINUING
PROFESSIONAL
DEVELOPMENT
2021**

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Welcome!

Thank you for Joining us today.

Your feedback is very valuable to us. We would appreciate it if you could take two minutes to fill out [the survey](#), which will also be sent to you by email in the next few days. This is an invaluable part of our drive to improve everything we do continually.

You can keep an eye on all our latest courses [here](#)

If you would like further information or to ask us anything about your booking, please email our team cpd@charteredaccountants.ie or call us on 01 523 3930

We hope you enjoy the course.

Thank you!

Your CPD team
Linda, Emma B, Chris, Emma C, Paul, Jane

Securities Market Dynamics post COVID

Brian Healy

12 March '21

Overview of Presentation



- Reassertion of embedded secular trends
- Market infrastructure change and geo-political shift
- Impact of Climate Change



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3 Major Secular Trends

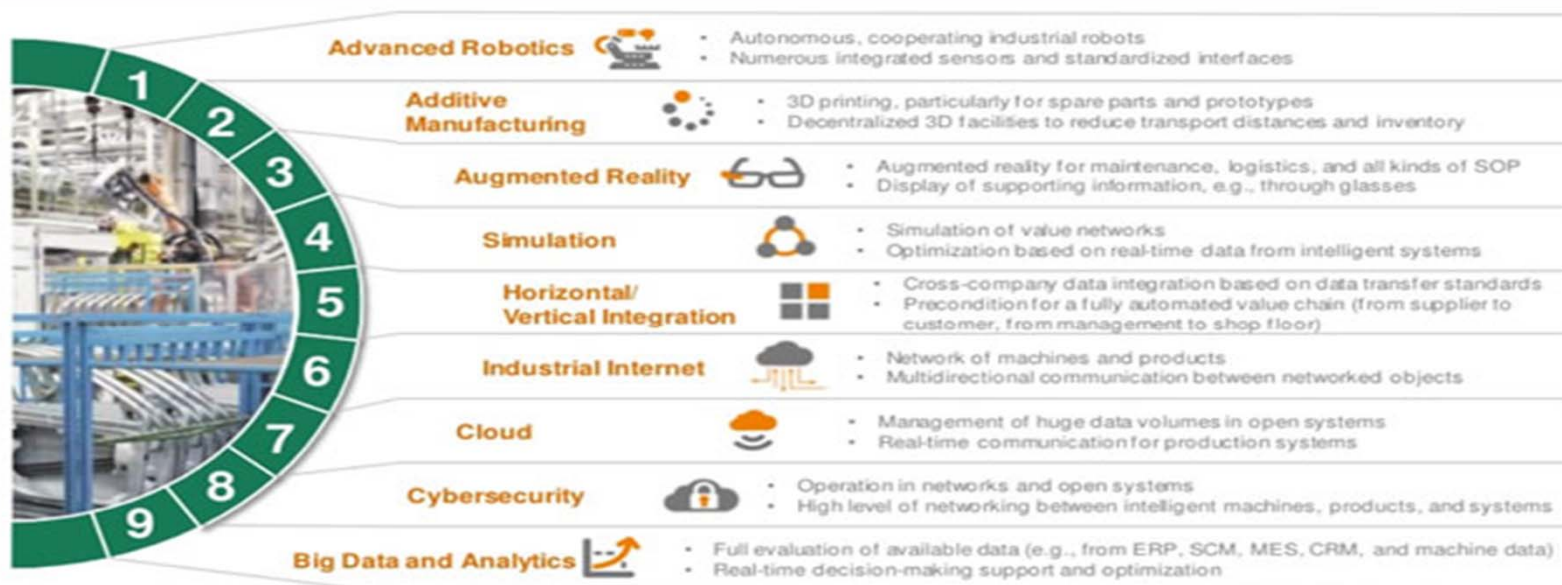
Reassertion of Embedded Secular Trends



- Environmental, Social and Governance (ESG)
- Blockchain & Distributed Ledger Technology
- Growth of Passive Products

Industry 4.0

Industry 4.0 refers to the convergence and application of nine digital industrial technologies



Many application examples already exist for all nine technologies

Industry 4.0 – the convergence and application of industrial technologies as the Boston Consulting Group sees it
– source



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Market Infrastructure Change and Geo-political Shift

Geo-political and economic shift

**CEBR World Economic League Table
2016**

Rank	2015	2030 forecast
1	US	China (+1)
2	China	US (-1)
3	Japan	India (+4)
4	Germany	Japan (-1)
5	UK	Germany (-1)
6	France	UK (-1)
7	India	Korea (+4)
8	Italy	Brazil (+1)
9	Brazil	France (-3)
10	Canada	Canada (-)

Key Trends

China forecast to overtake US in 2029

Rise of India, catching up with China, to overtake UK, France, Germany and Japan by 2030

Western Europe falls to 15% of world output by 2030, Italy exits top 10

UK to overtake France by 2026 but Brexit to damage economic prospects

Korea, rapid economic growth

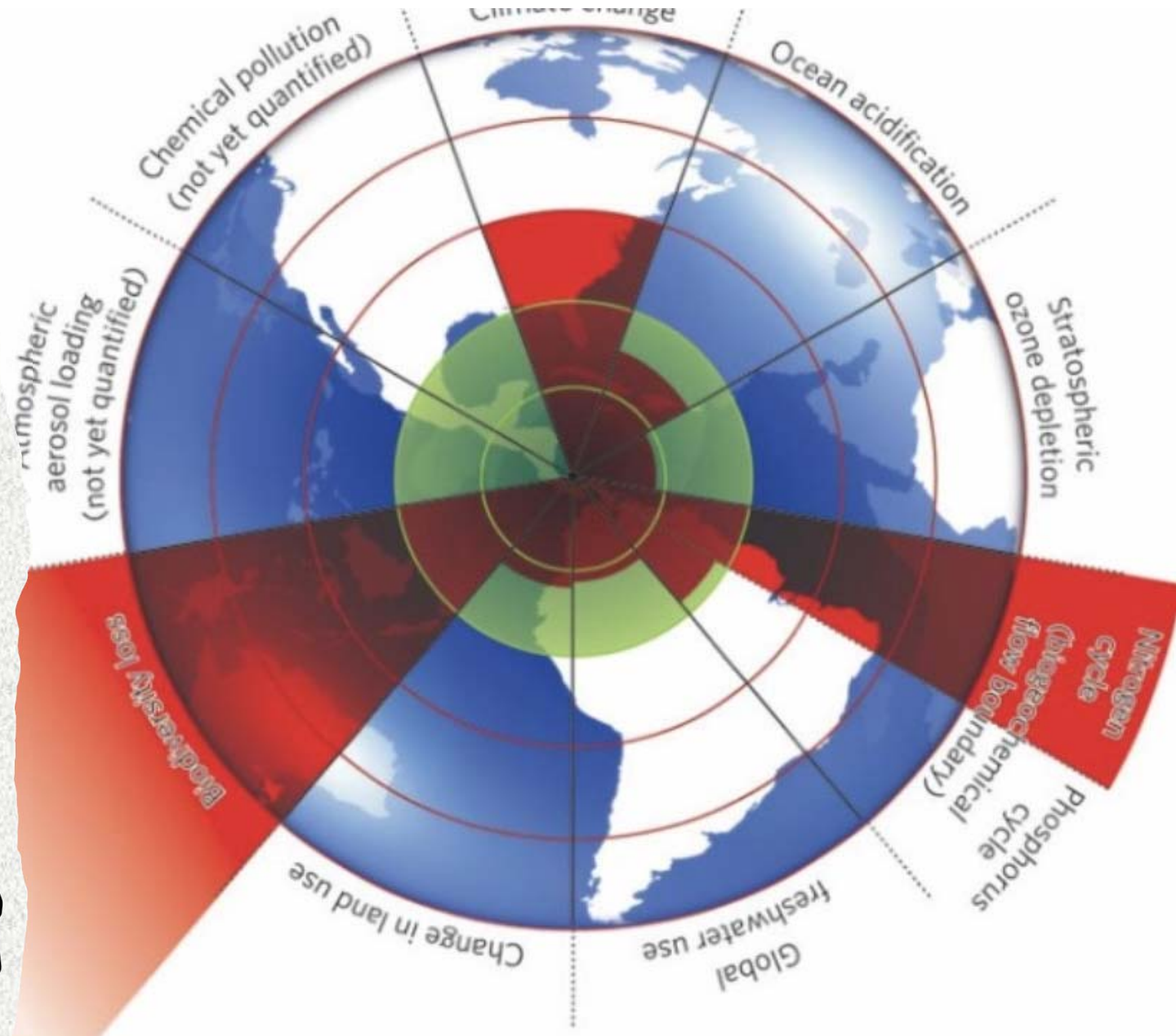
Russia: persistent decline, economic woes, failure to diversify, low oil price

Impact of Climate Change



Planetary Boundaries Model

J. Rockstrom et al, Stockholm Sustainability Institute



The “Doughnut” Model

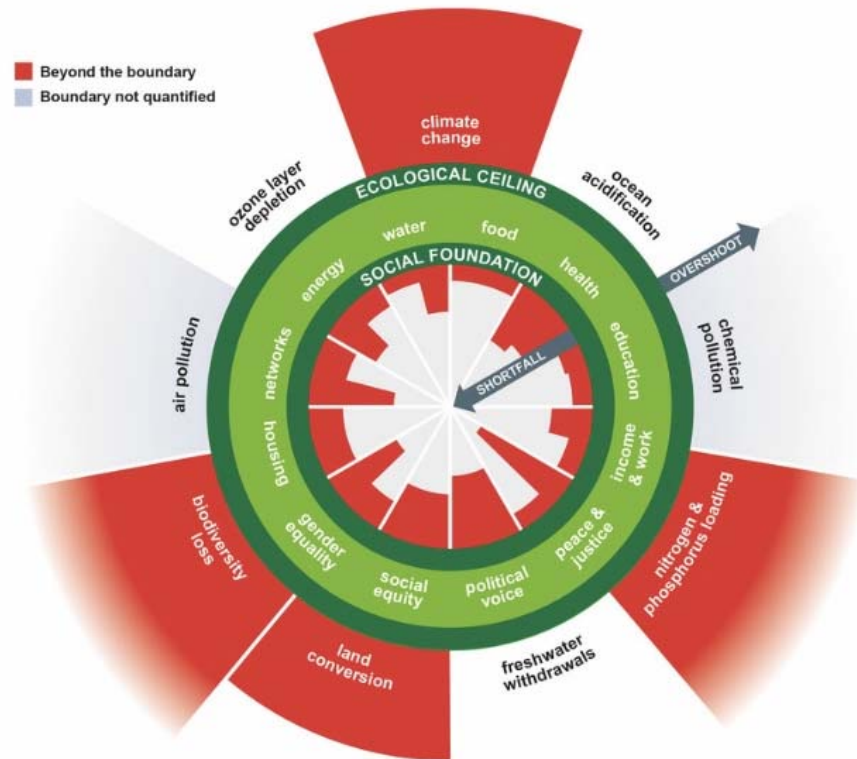


Image: Kate Raworth and Christian Guthrie/The Lancet Planetary Health

“It is not the strongest nor
the most intelligent of the
species which survives but
the most adaptable to
change”

Charles Darwin, The Origin of Species



Thank you

Brian Healy

Securities Market Dynamics post COVID

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12 March '21

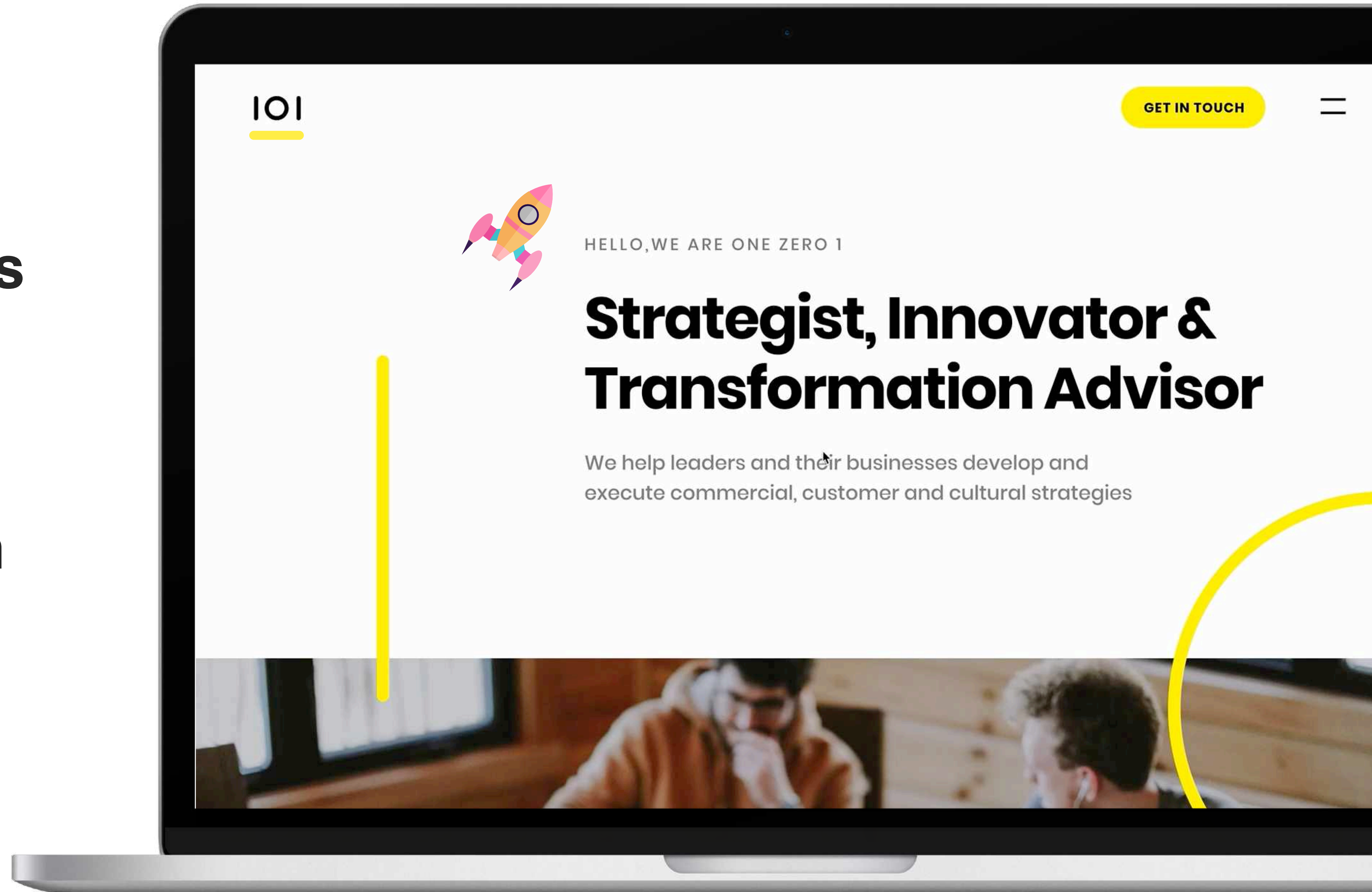




The Next Waves of Change in Financial Services Transformation



Garvan Callan
12th March 2021





Garvan Callan

FOUNDER @ ONEZERO1

ENJOY GETTING MY HANDS DIRTY WITH BUSINESS LEADERS
TO DEVELOP AND EXECUTE LARGE SCALE CHANGE THAT
DRIVES COMMERCIAL, CUSTOMER AND CULTURAL
ACCELERATION

www.onezero1.ie

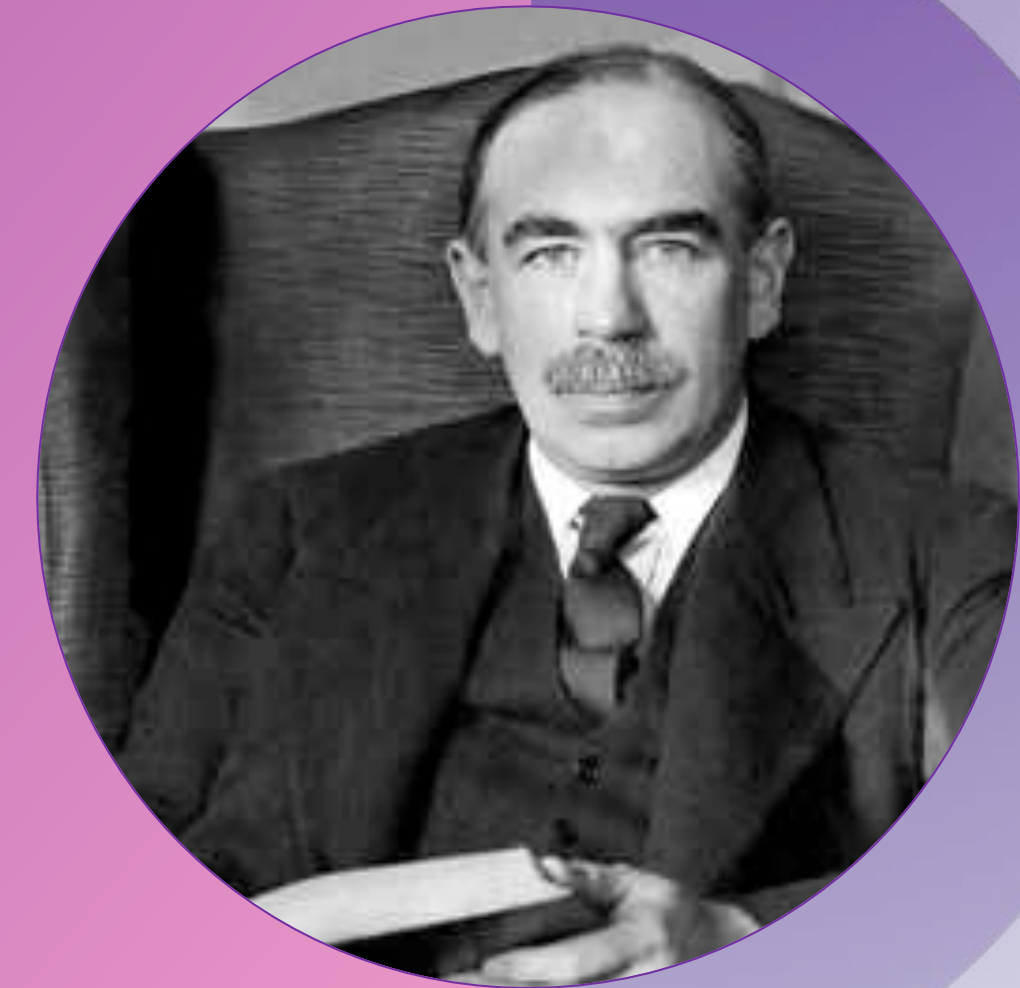


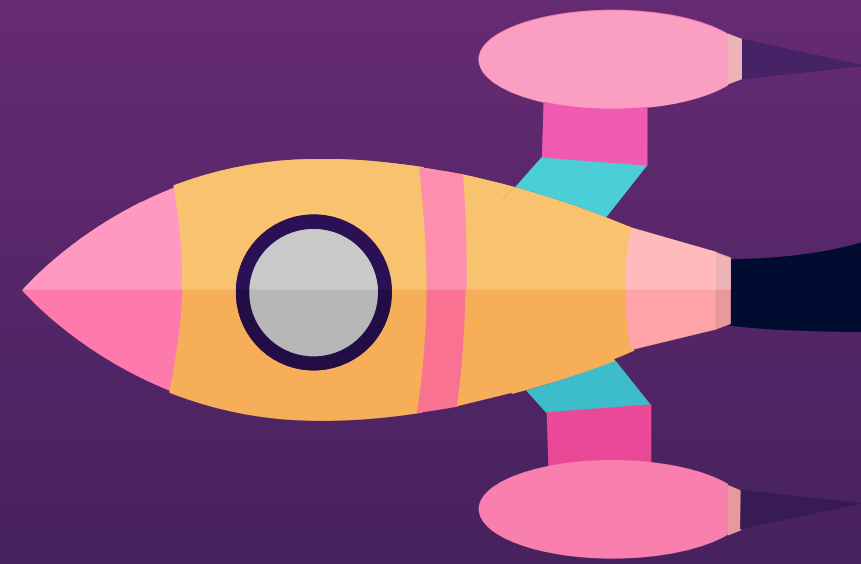
John Maynard Keynes

Economist

FOR THE FIRST TIME SINCE HIS CREATION MAN WILL BE
FACED WITH HIS REAL, HIS PERMANENT PROBLEM — HOW TO
USE HIS FREEDOM FROM PRESSING ECONOMIC CARES, HOW
TO OCCUPY THE LEISURE, WHICH SCIENCE AND COMPOUND
INTEREST WILL HAVE WON FOR HIM, TO LIVE WISELY AND
AGREEABLY AND WELL

(1930)





VUCA

PREDICT

COMPLEX
MULTIPLE DECISION
FACTORS

VOLATILE
RAPID UNEXPECTED
CHANGES - AT PACE

AMBIGUOUS
TOO MANY UNKNOWN
UNKNOWN

VOLATILE
EVEN THE KNOWN ARE
SUBJECT TO CHANGE

KNOW

TRANSFORMATION WAVES

1-2-MANY

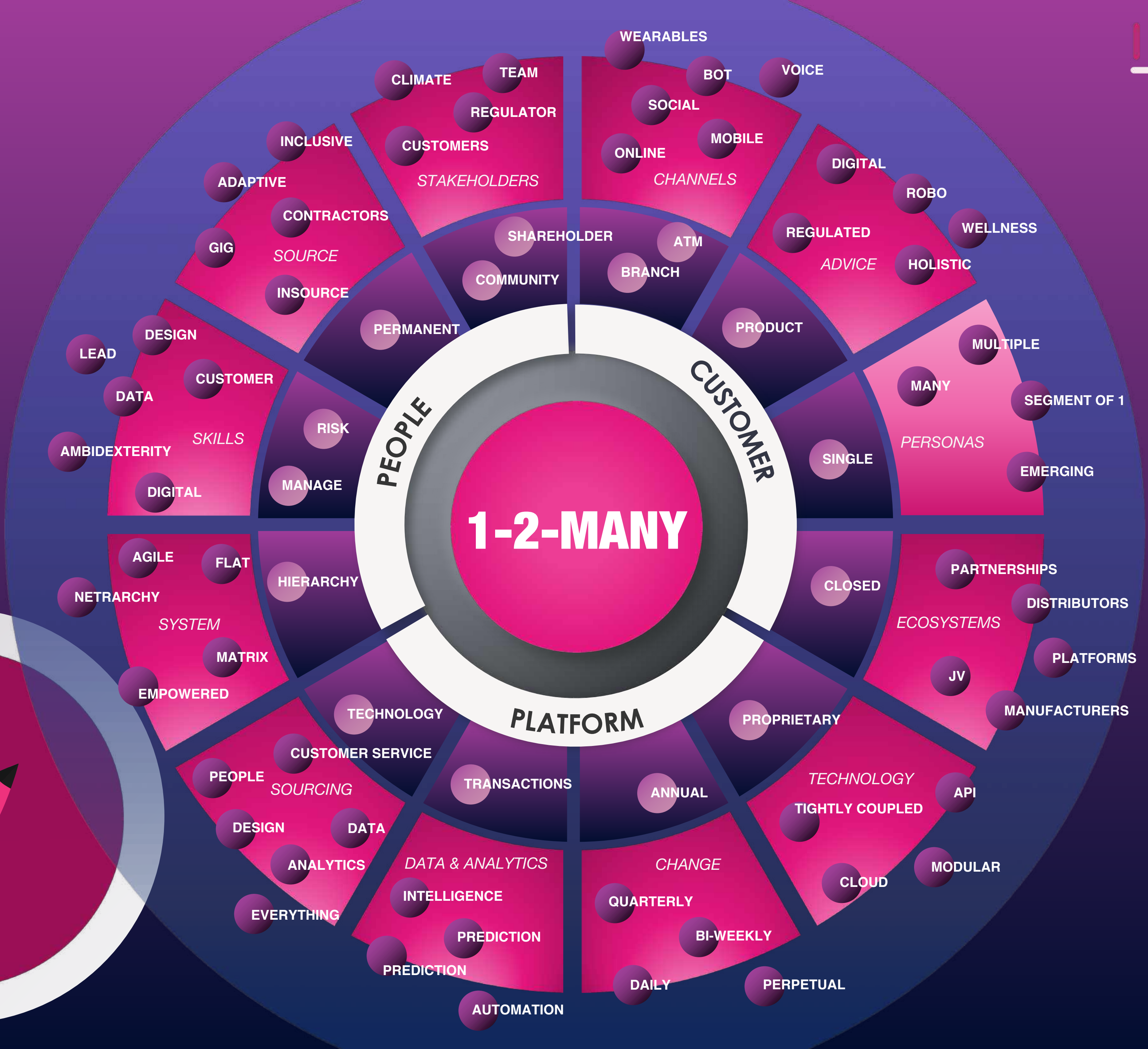


FROM THE SIMPLE ...
...TO THE VERY COMPLEX

YESTERDAY

TODAY

TOMORROW

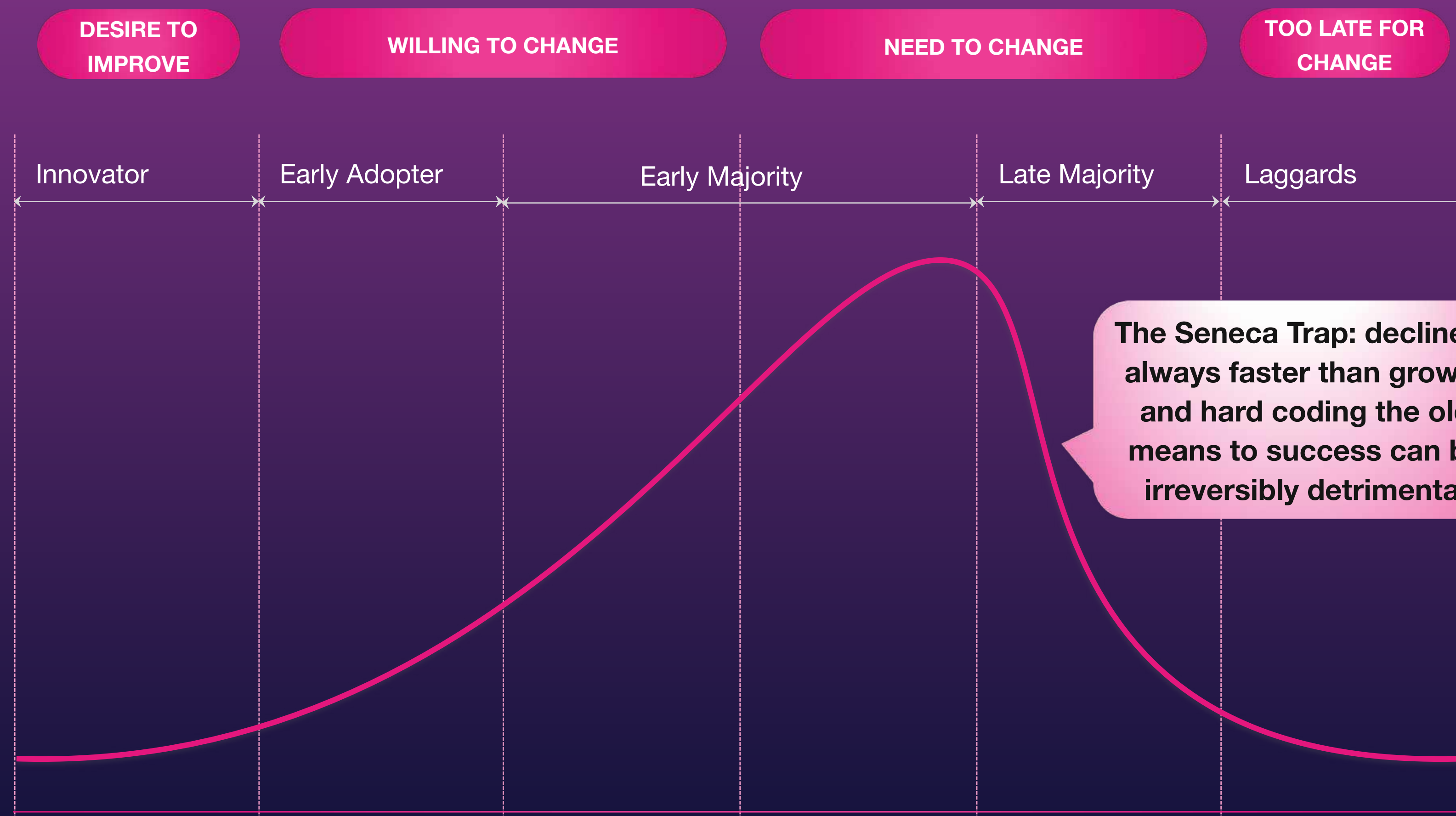


The Seneca Trap

IT'S TOO LATE TO DISRUPT WHEN IN DECLINE

IT WOULD BE SOME CONSOLATION FOR THE FEEBLENESS OF OUR SELVES AND OUR WORKS IF ALL THINGS SHOULD PERISH AS SLOWLY AS THEY COME INTO BEING; BUT AS IT IS, INCREASES ARE OF SLUGGISH GROWTH, BUT THE WAY TO RUIN US RAPID

Lucius Anneaus Seneca
Letter to Lucilius
n.91





Red Queen Race

“Now, here, you see, it takes all the running you can do, to keep in the same place. If you want to get somewhere else, you must run at least twice as fast as that!”

LINEAR V EXPONENTIAL

PACE OF CHANGE

Time Into Future	Year	Paradigm Shift Rate
0	2020	1x
10	2030	2x
20	2040	4x
30	2050	8x
40	2060	16x
50	2070	32x
...		
100	2120	1024x

MY MODELS SHOW THAT WE ARE DOUBLING
THE PARADIGM-SHIFT RATE EVERY DECADE

Ray Kurzweil
The Singularity is Near

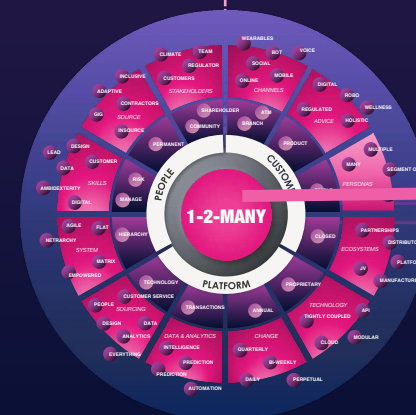
CHANGE

EXPONENTIAL

AT WHAT PACE WILL THE
FUTURE EMERGE

LINEAR

TIME





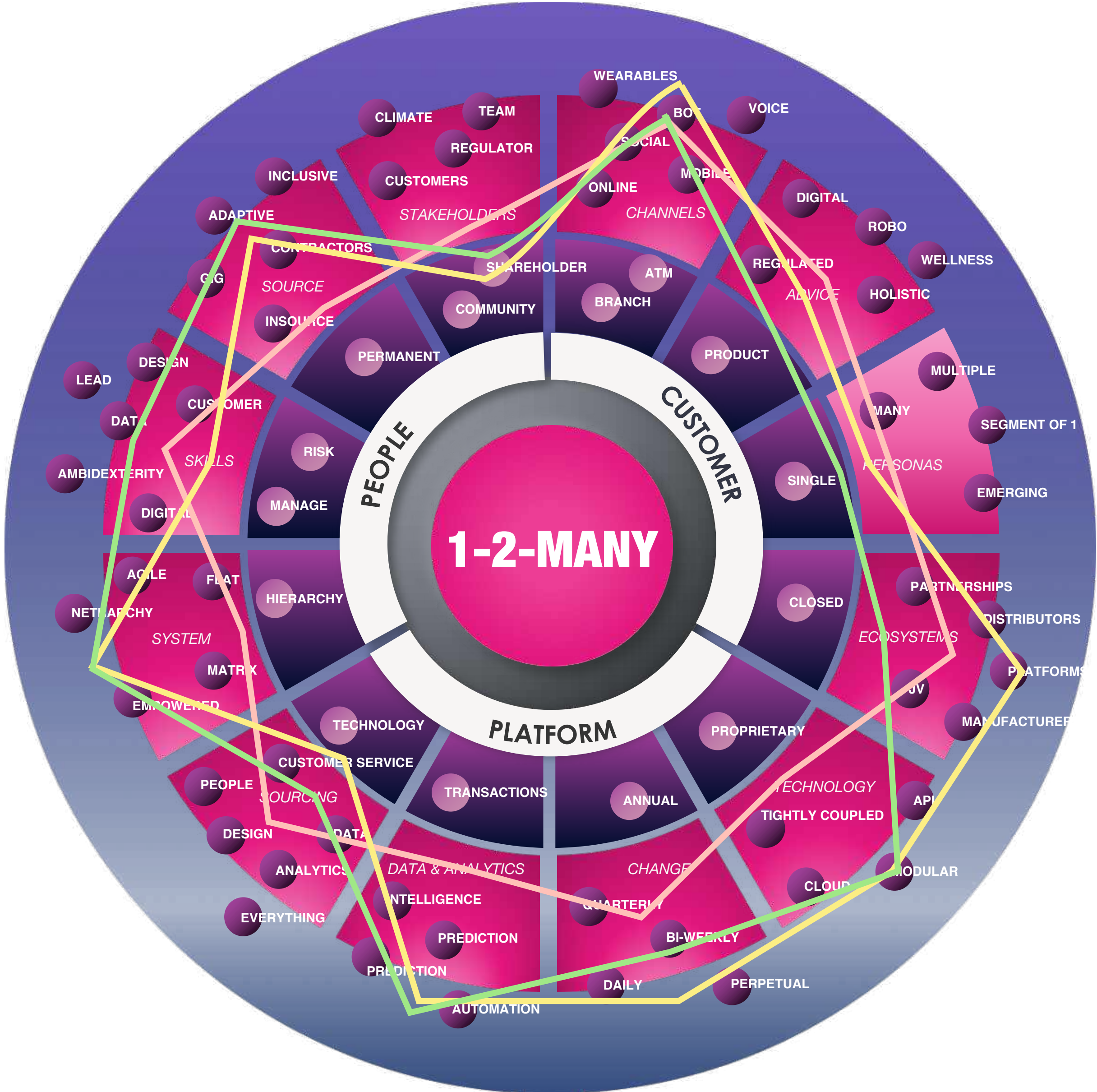
Dilbert.com DilbertCartoonist@gmail.com

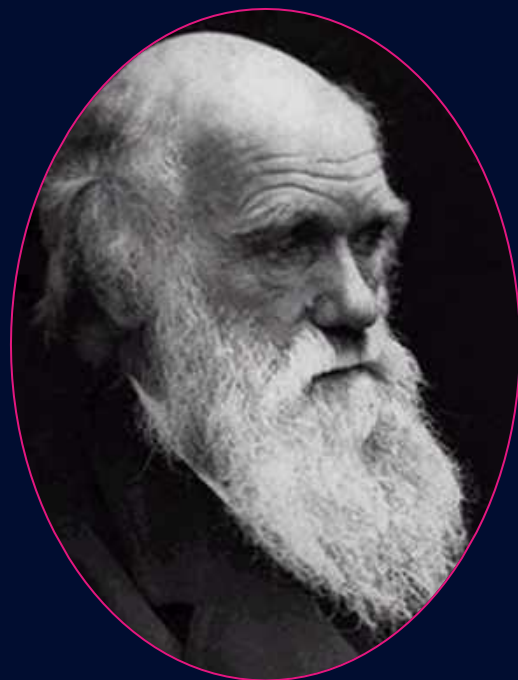
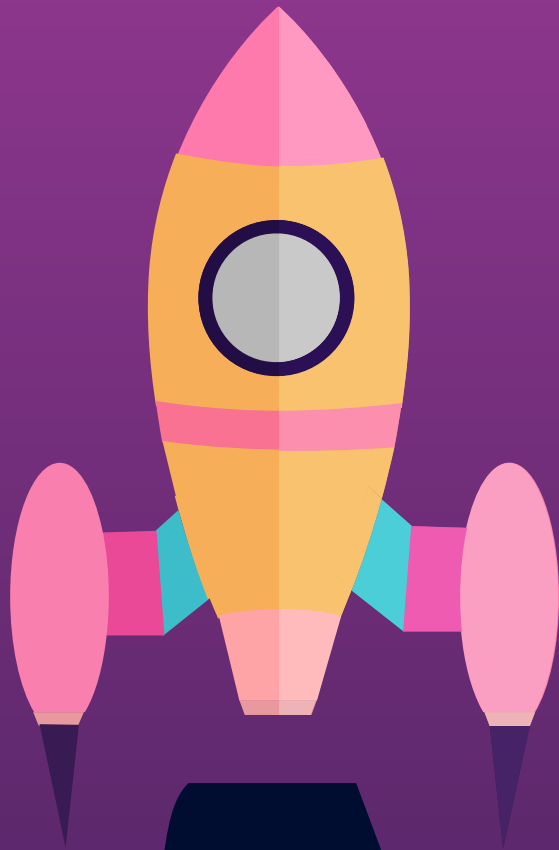


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FITNESS





Charles Darwin

Naturalist, Geologist, Biologist and Explorer

IT IS NOT THE STRONGEST OF THE SPECIES THAT SURVIVES, NOR THE
MOST INTELLIGENT - IT IS THE ONE THAT IS MOST ADAPTABLE TO CHANGE

(1930)

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*Why, sometimes I've believed as many as
six impossible things before breakfast*