

ABOUT ITD



International Institute for
Trade and Development

During the Tenth Session of the United Nations Conference on Trade and Development (UNCTAD X) held in Bangkok in February 2000, the Royal Thai Government and UNCTAD signed a Cooperation Agreement establishing the international institute for Trade and Development (ITD) on 17 February 2000. The institute was officially inaugurated on 1 May 2002 during the Mid-term Review Conference of UNCTAD X, hosted by the Thai Government.

ITD

ITD is a non-profit legal entity established under the Thai Law as a public organization under the Royal Decree 2001. ITD is governed by Board of Directors and has Executive Director as its chief administrator.

VISION

To be a knowledge bridge and capacities building center on trade and development globally recognised



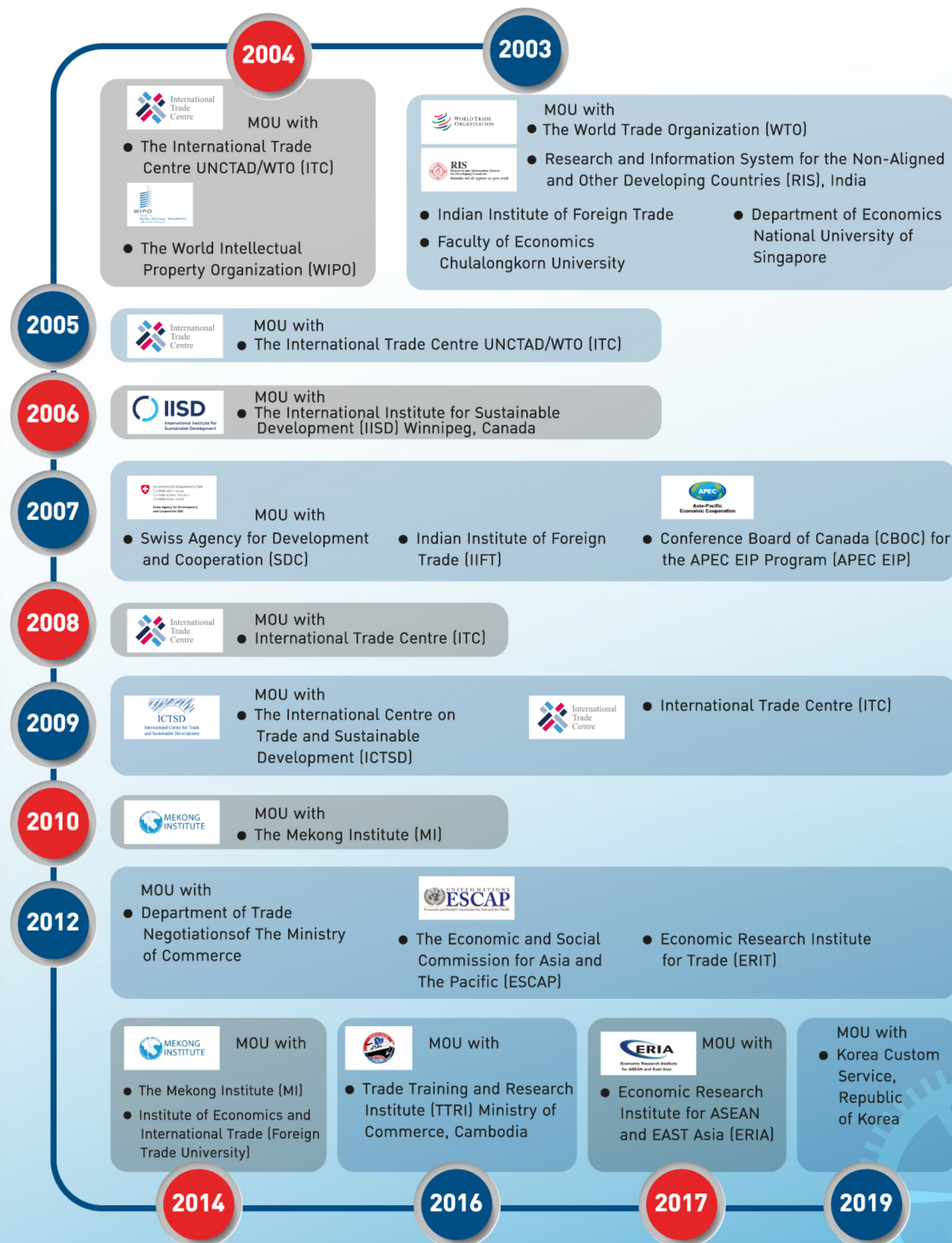
LEVELS OF ACTIVITIES

- Research
- Training and seminar
- Conference
- Networking & Academic Partnership

MISSION



MILESTONES OF ITD'S 19TH ANNIVERSARY



DEMONETIZATION IN TRADE AND DEVELOPMENT: AN INDIA CASE

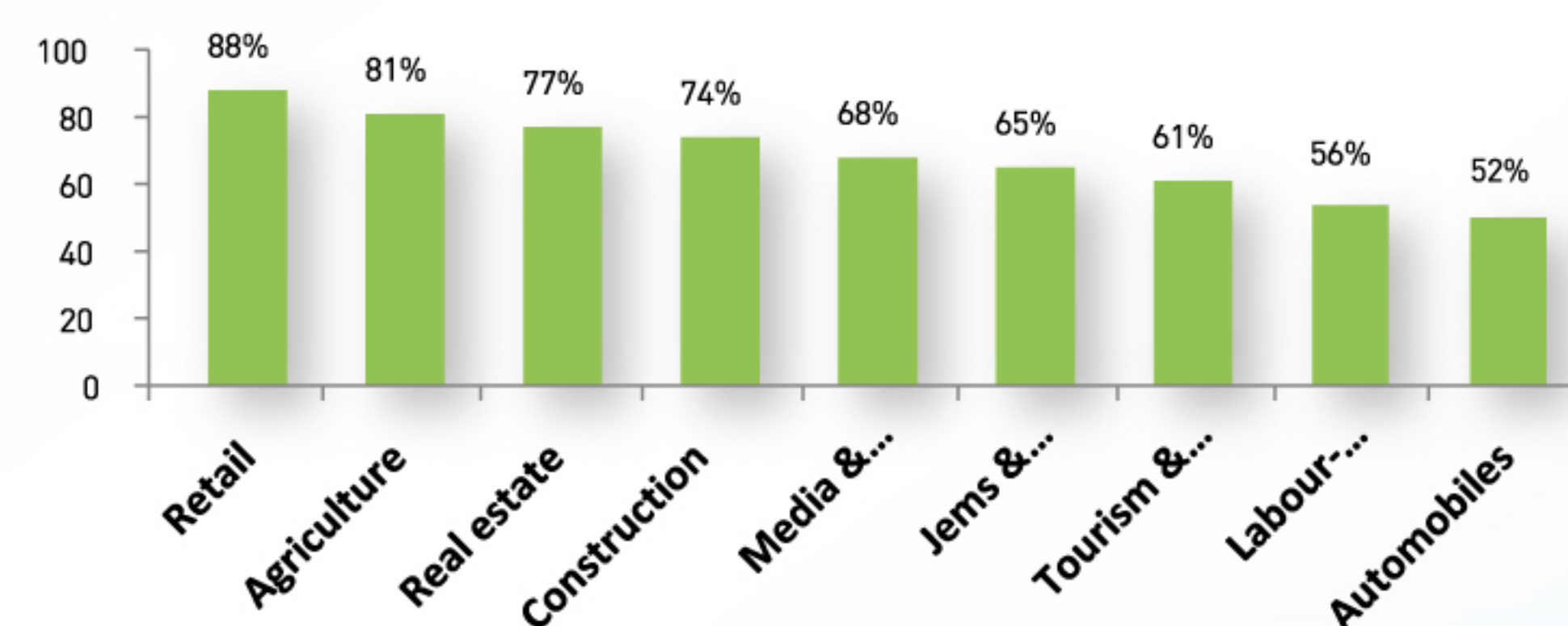
On 8 November 2016, the Government of India announced the demonetization of all ₹500 and ₹1,000 banknotes of the Mahatma Gandhi Series. The Prime minister of India Narendra Modi claimed that the action would curtail the shadow economy and reduce the use of illicit and counterfeit cash to fund illegal activity and terrorism.

“All change is hard at first, messy in the middle, and gorgeous at the end.”

ROBIN SHARMA

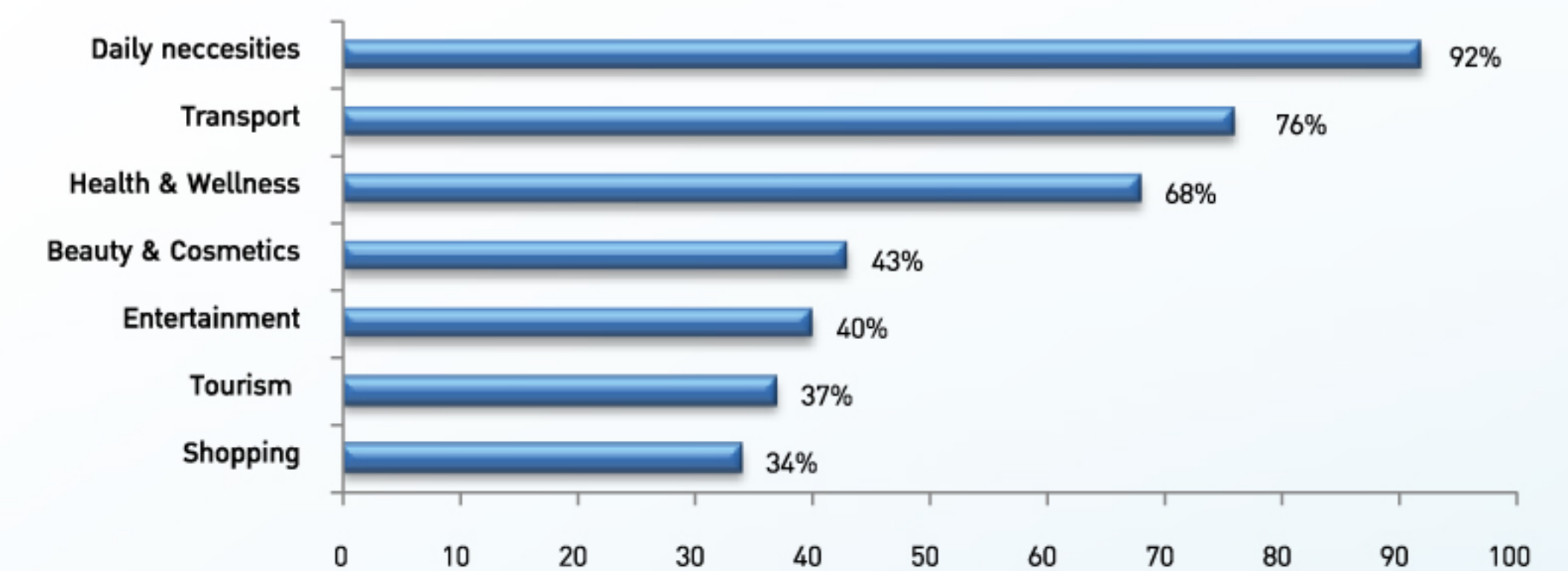


CHART: IMPACT OF DEMONETIZATION ON MAJOR SECTORS OF THE ECONOMY



Source: PHD Research Bureau, PHD Chamber Demonetization Survey 2016

CHART: IMPACT OF DEMONETIZATION ON DAY-TO-DAY ACTIVITIES OF PEOPLE

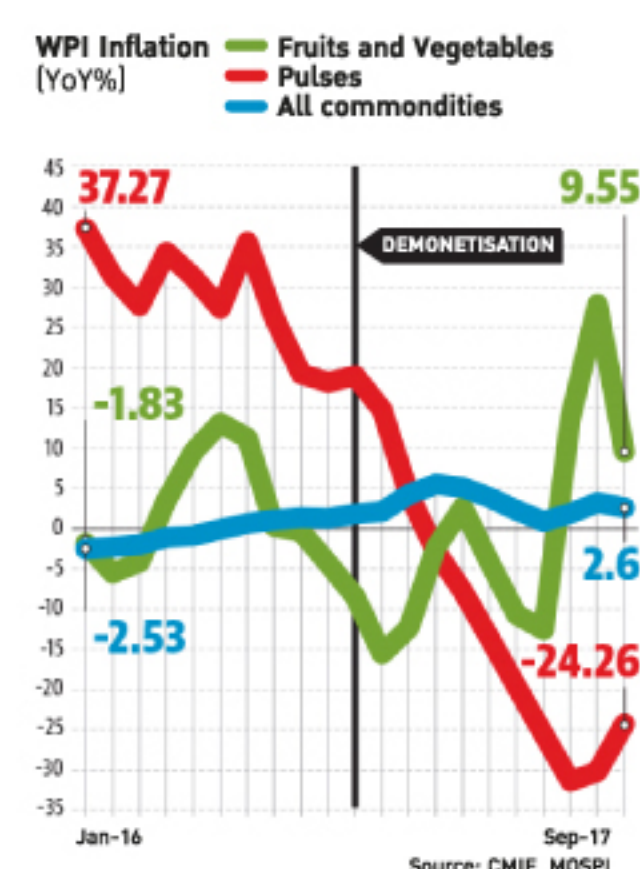


Source : PHD Research Bureau, PHD Chamber Demonetization Survey 2016

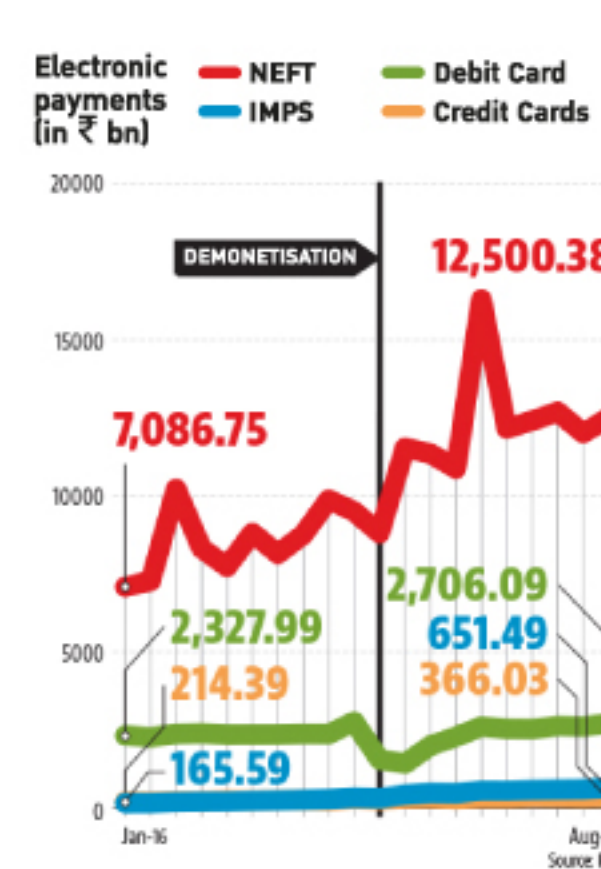
SUCCESS POINTS:

India has marched on the path of digital transactions at a much faster pace. Key points describing success of demonetization are:

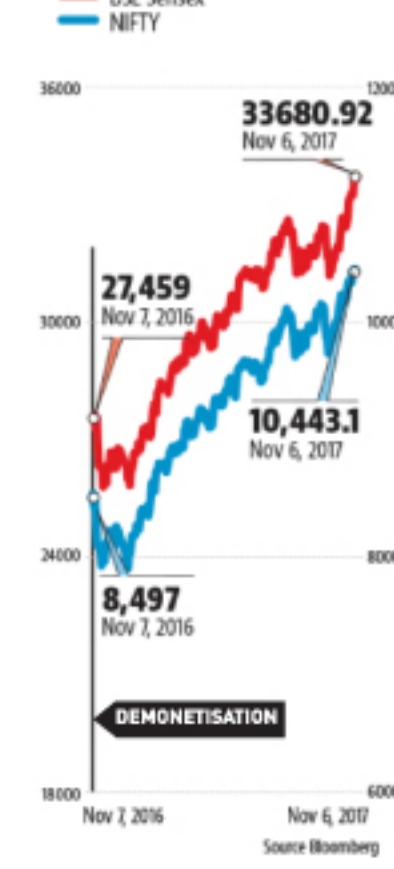
- Rate of Inflation goes down
- India moves to cashless economy
- Stock Market gets bullish



Source: CMIE, MOSPI



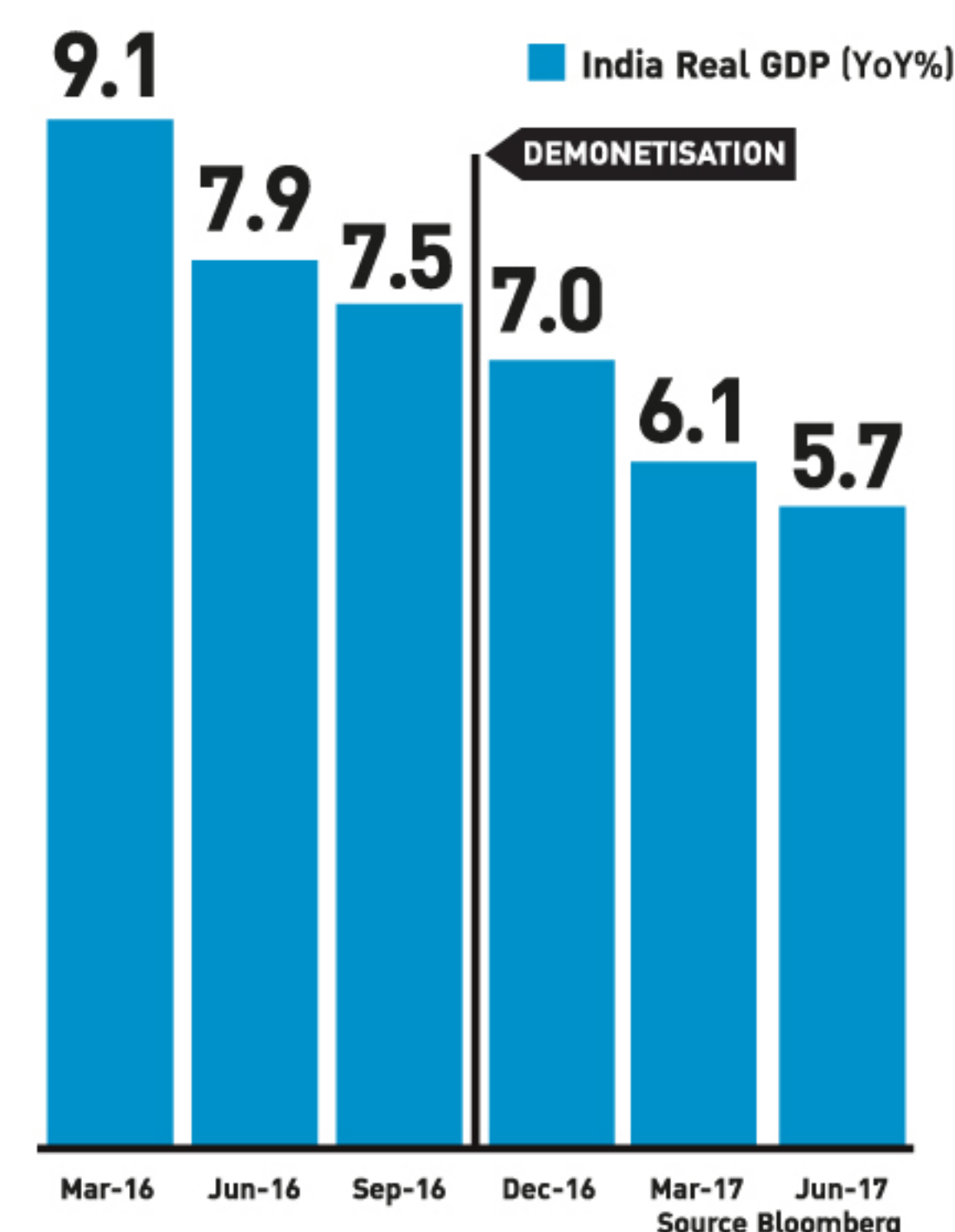
Source: RBI



Source: Bloomberg

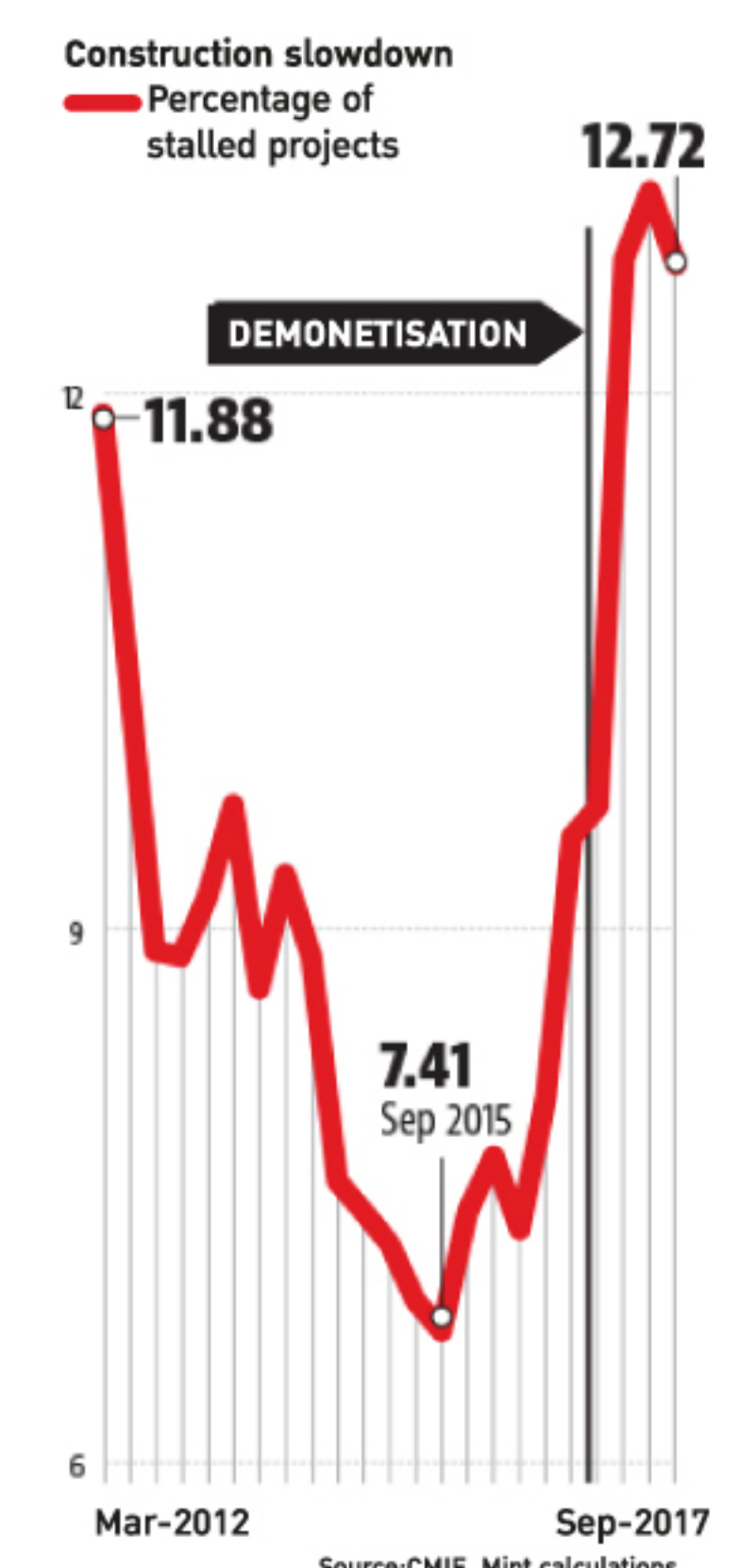
DOWNTURN OF DEMONETIZATION

- Economic Growth slows down Post demonetization growth of Indian Economy slowed down from 9.1% to 5.7% in less than one year. Month-wise GDP growth chart for the period March 2016 to September 2017 as shared by Bloomberg emphasizes this fact as detailed below:



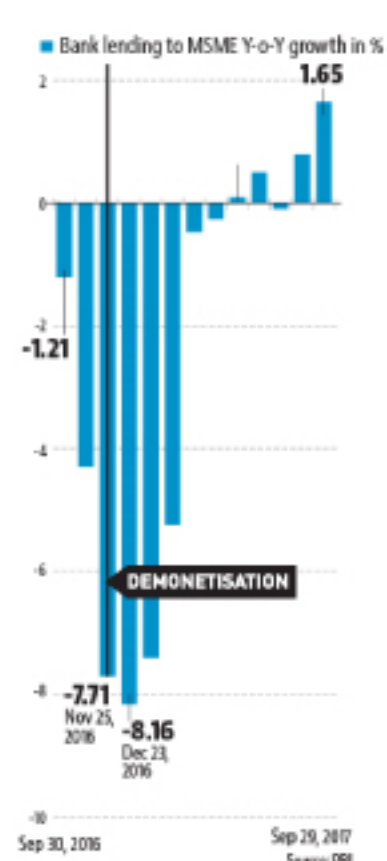
Source: Bloomberg

- Realty sector bears the brunt



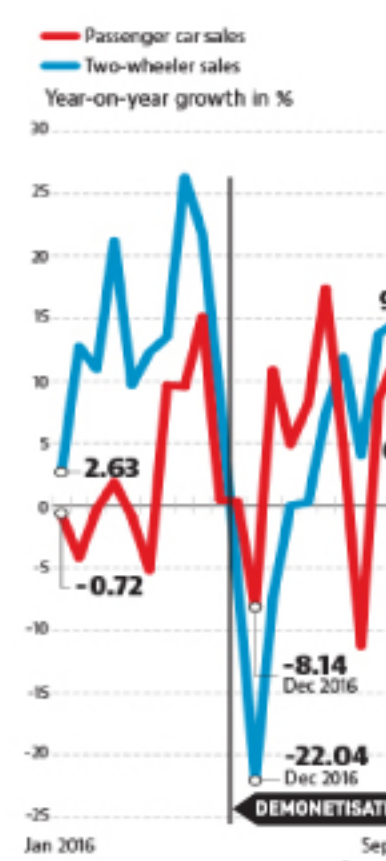
Source: CMIE, Mint calculations

- Banks' lending increases for small businesses



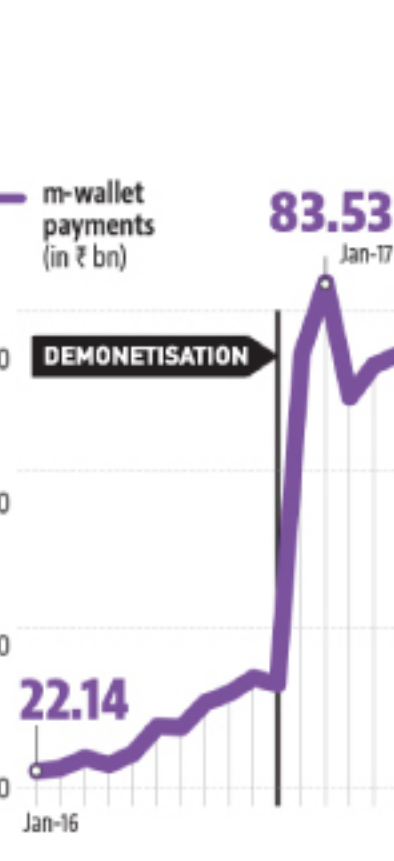
Source: RBI

- Automobile sales picked up



Source: CMIE

- More people use Mobile wallets than cash



Source: RBI

AI: THE CHALLENGES FOR TRADE AND DEVELOPMENT

ASILOMAR AI PRINCIPLES

RESEARCH ISSUES



ETHICS AND VALUES



LONGER-TERM ISSUES



COMMISSION ON SCIENCE AND TECHNOLOGY FOR DEVELOPMENT (CSTD)

CONTRIBUTION TO THE HIGH-LEVEL POLITICAL FORUM,
9 - 18 JULY 2019

TWO THEMES DURING
THE 2018-2019
INTERSESSIONAL PERIOD

01

The impact of rapid
technological change
on sustainable
development

02

The role of science,
technology and
innovation in building
resilient communities,
including through
the contribution
of citizen science

FINDING AND RECOMMENDATION:



01

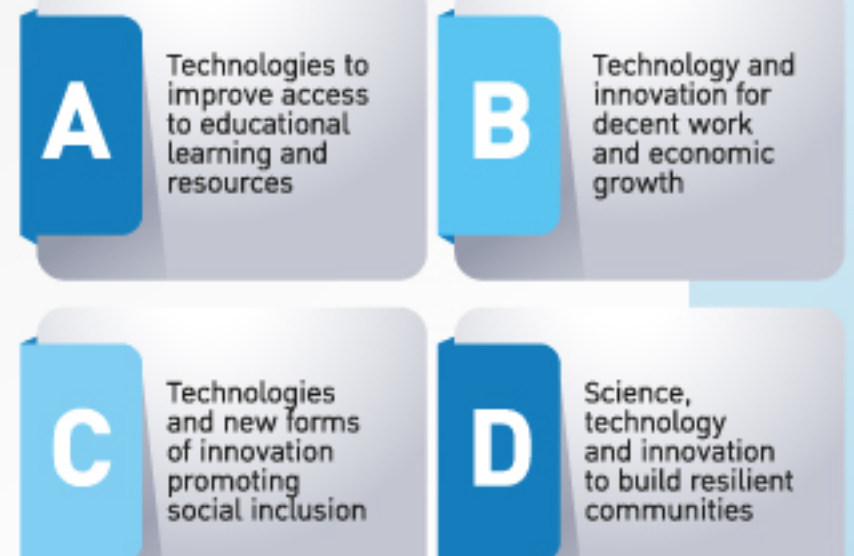
"Ensuring that no one
is left behind" at the
global, regional
and national levels

02

Identification of gaps,
areas requiring urgent
attention, risks and
challenges

03

Successful experiences
and lessons learned on
empowering people and
ensuring inclusiveness
and equality



04

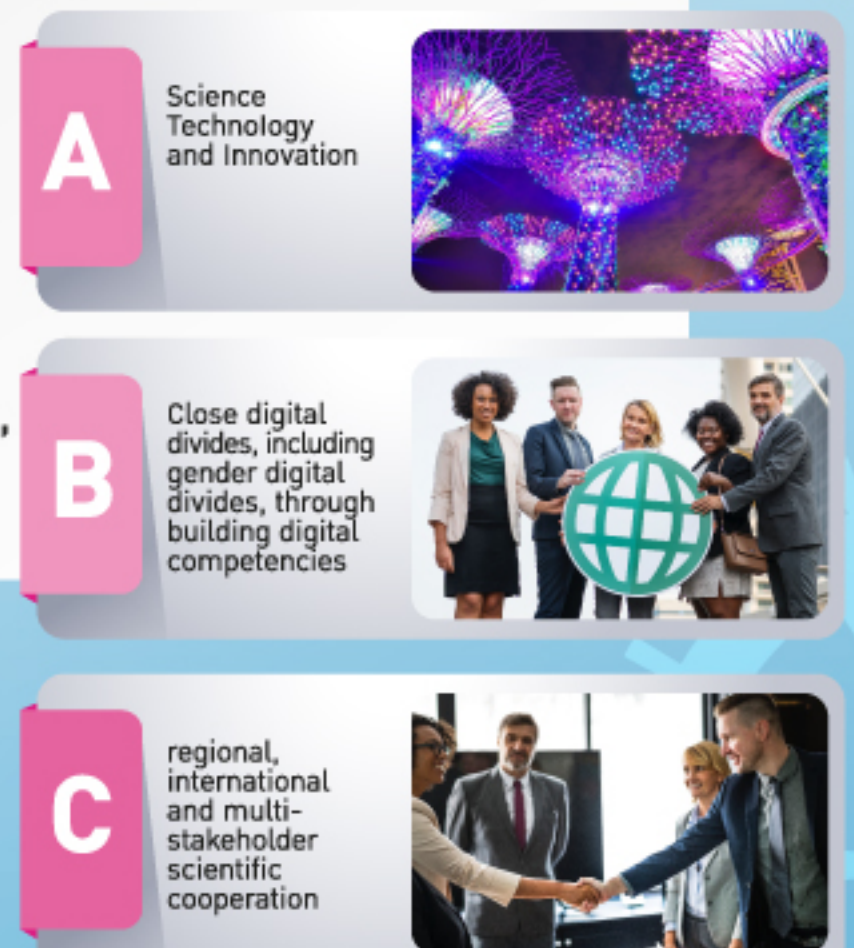
Emerging issues likely
to affect inclusiveness
and equality

05

Political guidance by
the High-level Political
Forum is required

06

Policy recommendations
on ways to accelerate
progress in empowering
people, ensuring
inclusiveness and equality,
and achieving the SDGs



AI: THE CHALLENGES FOR TRADE AND DEVELOPMENT

"While implementing an AI solution, 10 percent of the effort is around coding the algorithm, 20 percent is about collecting data and building the user interface, While 70 percent is about changing the way people work."

www.businesstoday.in

DEFINING AI

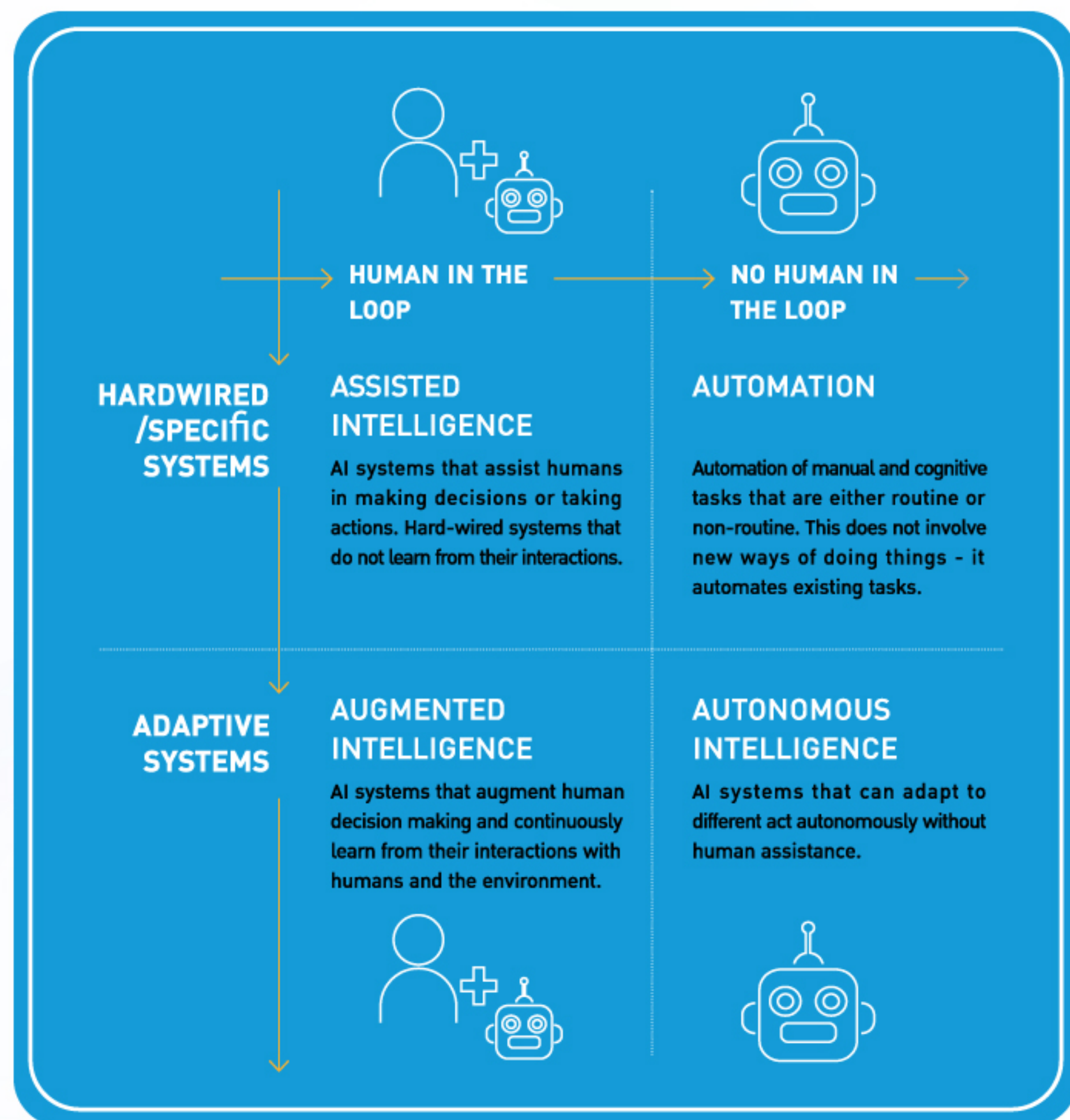


FIGURE 1: WHERE WILL THE VALUE GAINS COME FROM WITH AI?

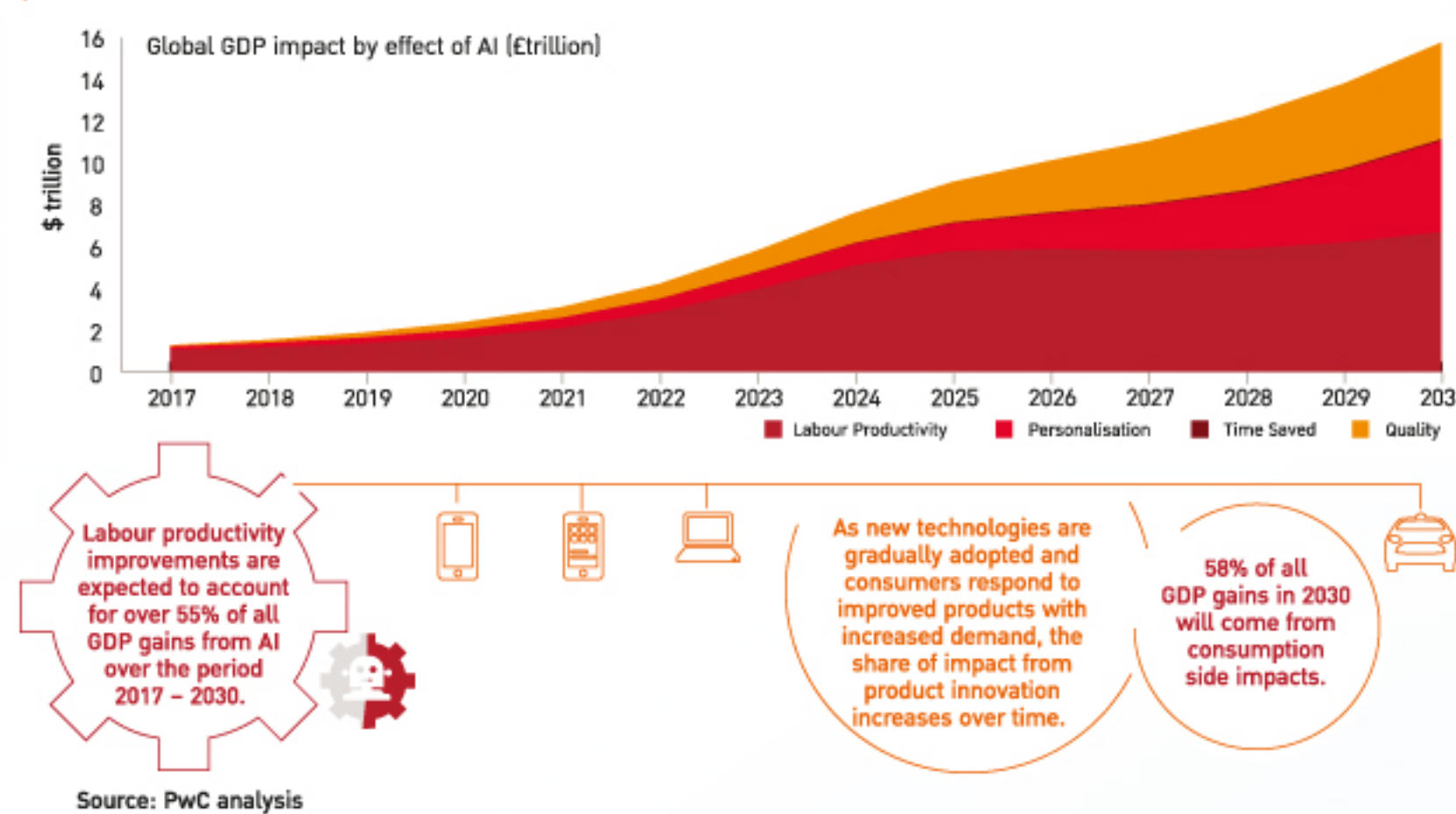
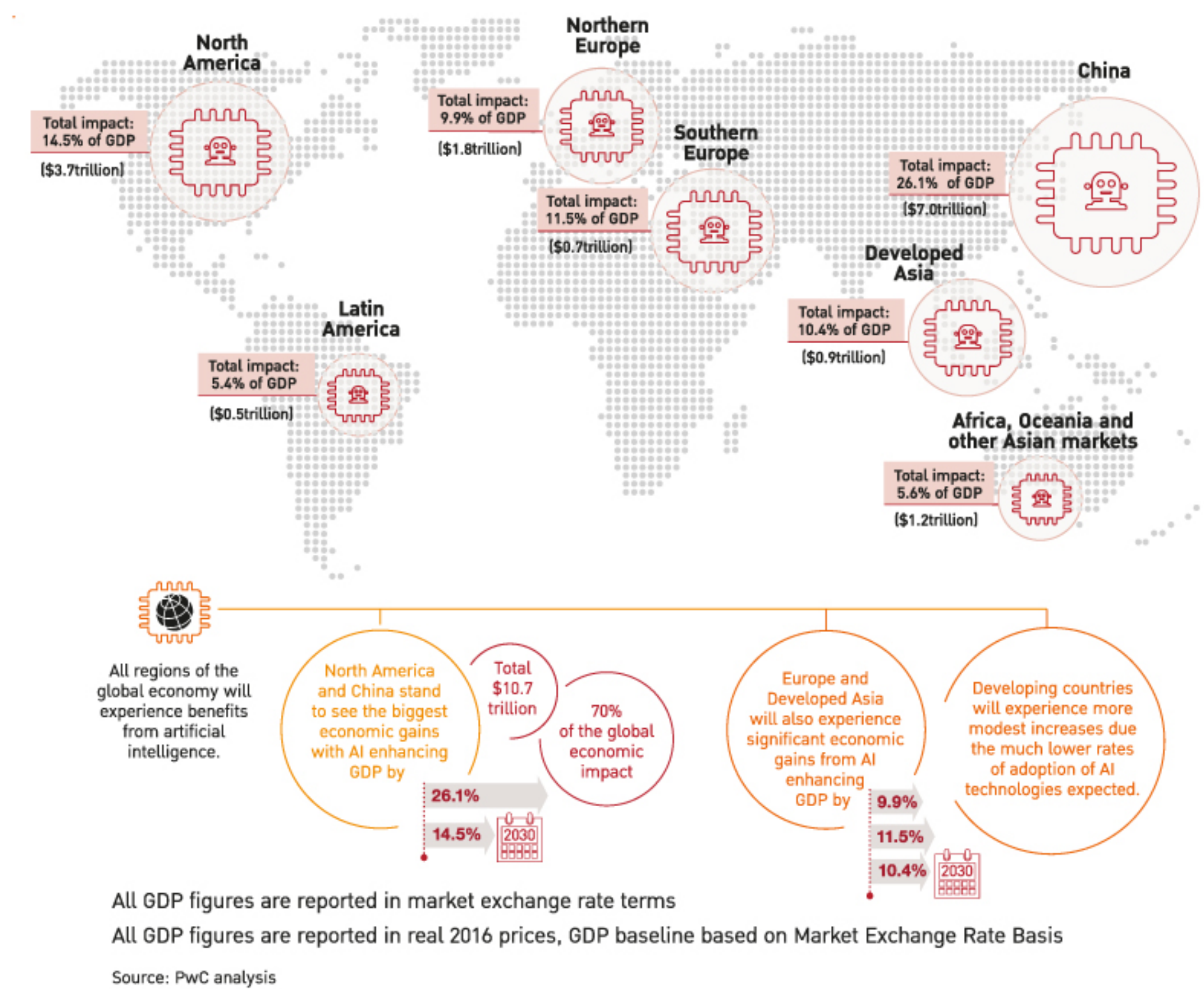


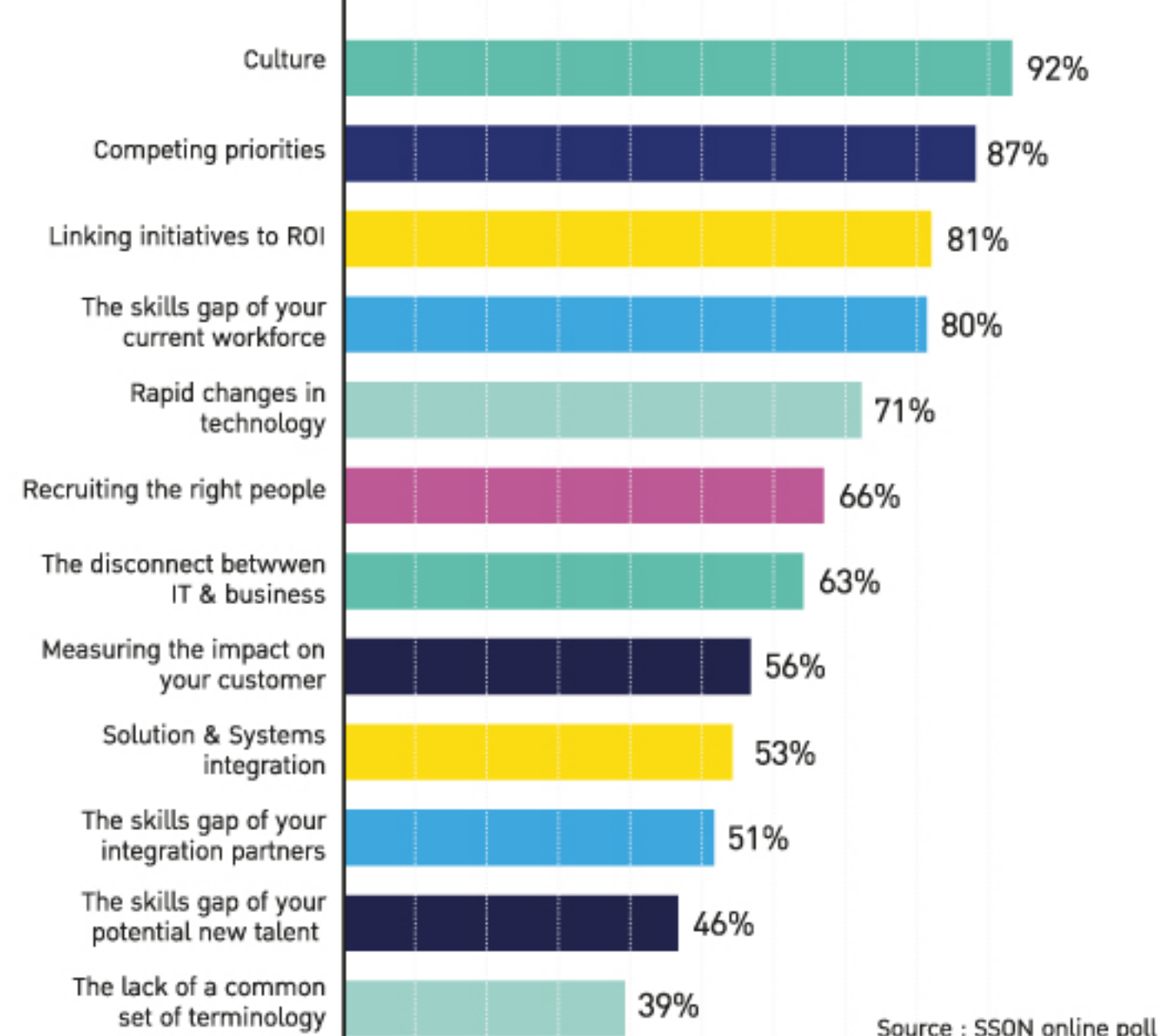
FIGURE 3: HOW QUICKLY WILL AI IMPACT PRODUCTIVITY?



FIGURE 2: WHICH REGIONS WILL GAIN THE MOST FROM AI?



WHAT ARE THE BIGGEST CHALLENGES TO IMPLEMENTING AN INTELLIGENT BUSINESS STRATEGY IN YOUR ORGANIZATION?



WITHIN 5 YEARS: AI AND INTERNATIONAL TRADE NEGOTIATION



Source: Brasil International Chamber of Commerce

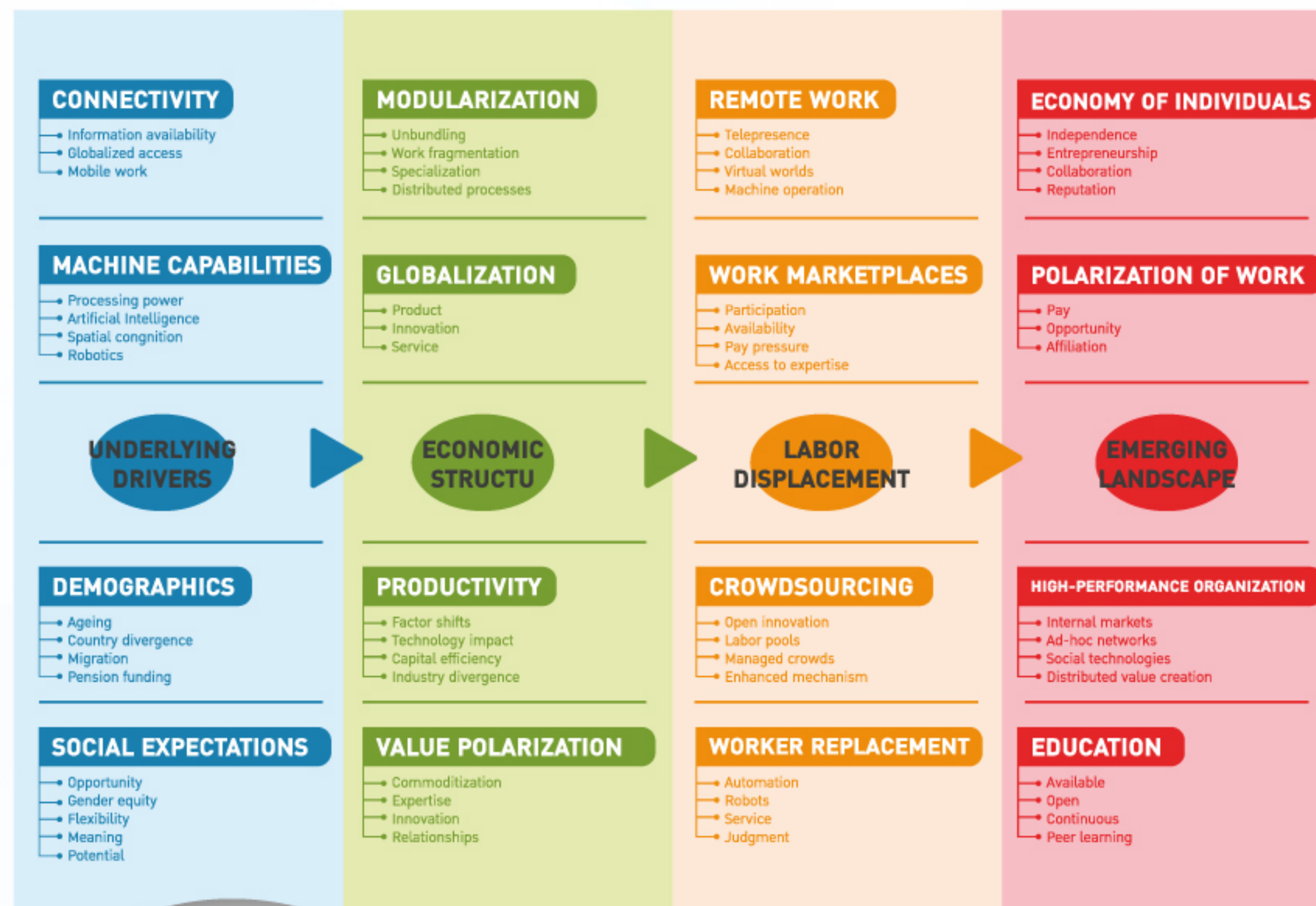
TECHNOLOGY AND SOCIETY DEVELOPMENT

"Technology is only meaningful when it enhances humanity. A horse is faster than human. But we don't compete against a horse. We ride a horse. We should focus on how to ride and drive AI and technology, ..."

Dr. Yuhyun Park,
at the Sustainable Development
Impact Summit 2018, WFP



THE FUTURE OF WORK



TREE DIMENSIONS OF THE FUTURE OF WORK



EDUCATION FOR A NEW GLOBAL REALITY



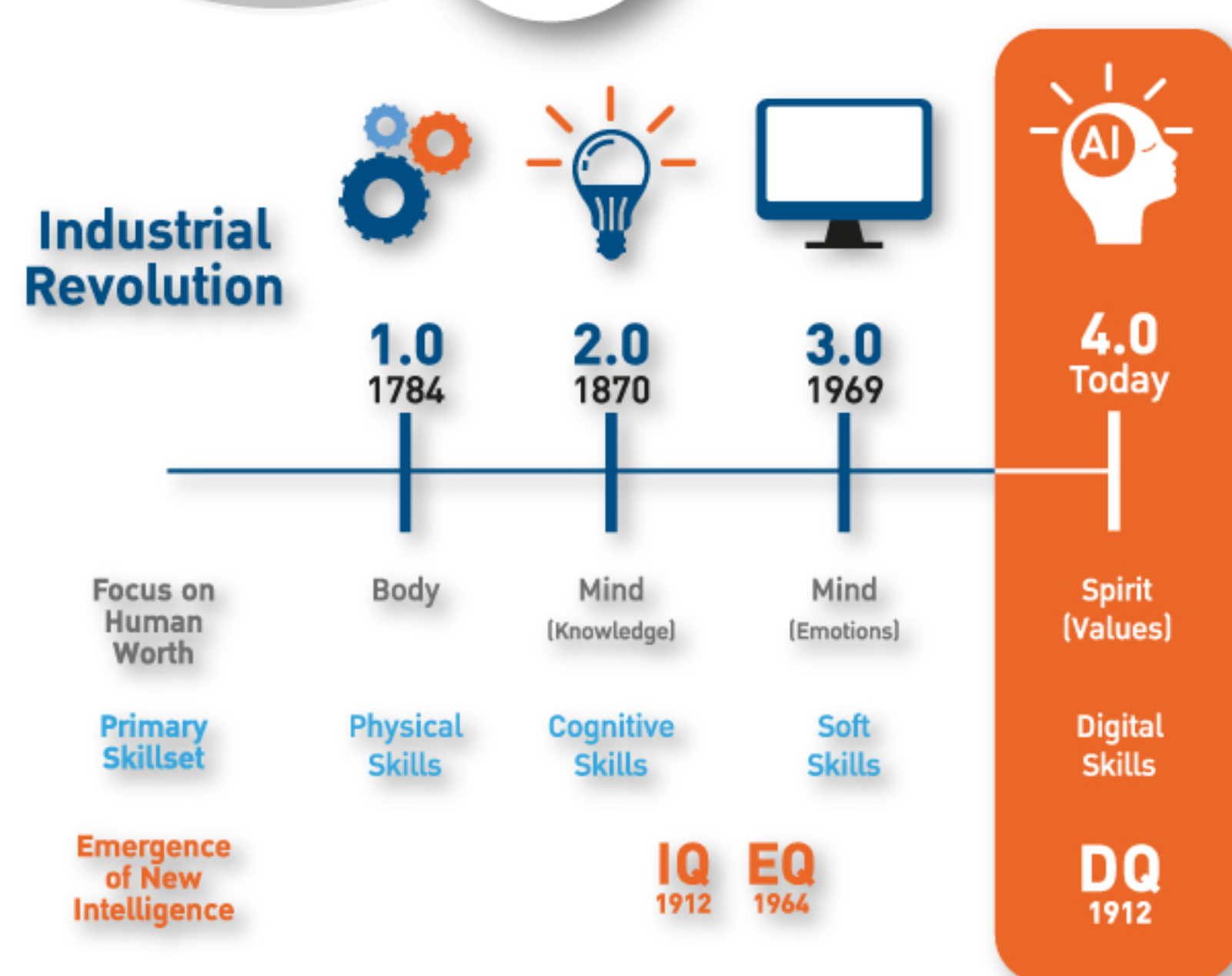
CRITICAL UNCERTAINTIES IN THE FUTURE OF WORK

SOCIETY	ECONOMY	ORGANIZATIONS	RESPONSES	DRIVERS
Extent of 'technological unemployment'	Worker share of value creation	Pace of transformation of work design and organizations	Regulation of non-traditional work structures	Pace of AI development across domains
Robustness of social support structures	Share of permanent jobs in the workforce	Shift to fluid work structures and shorter work weeks	Availability of continuous and work transition education	Growth in internet access in developing countries
Role of personal data in society and employment	Shifts in elderly employment and retirement age	Growth of entrepreneurial employment	Developed world immigration policies	Pace of growth of on-demand work platforms
Broad availability of fulfilling work	Rise of participatory economy models	Ability of corporations to attract and retain talent	People's ability to respond to constant rapid change	Workforce diversity and high-level female work participation
Social polarization and unrest	Wealth and income polarization	Attrition rate of corporate laggards	Comfort with AI-driven customer interfaces	Rising expectations for quality of life and positive impact

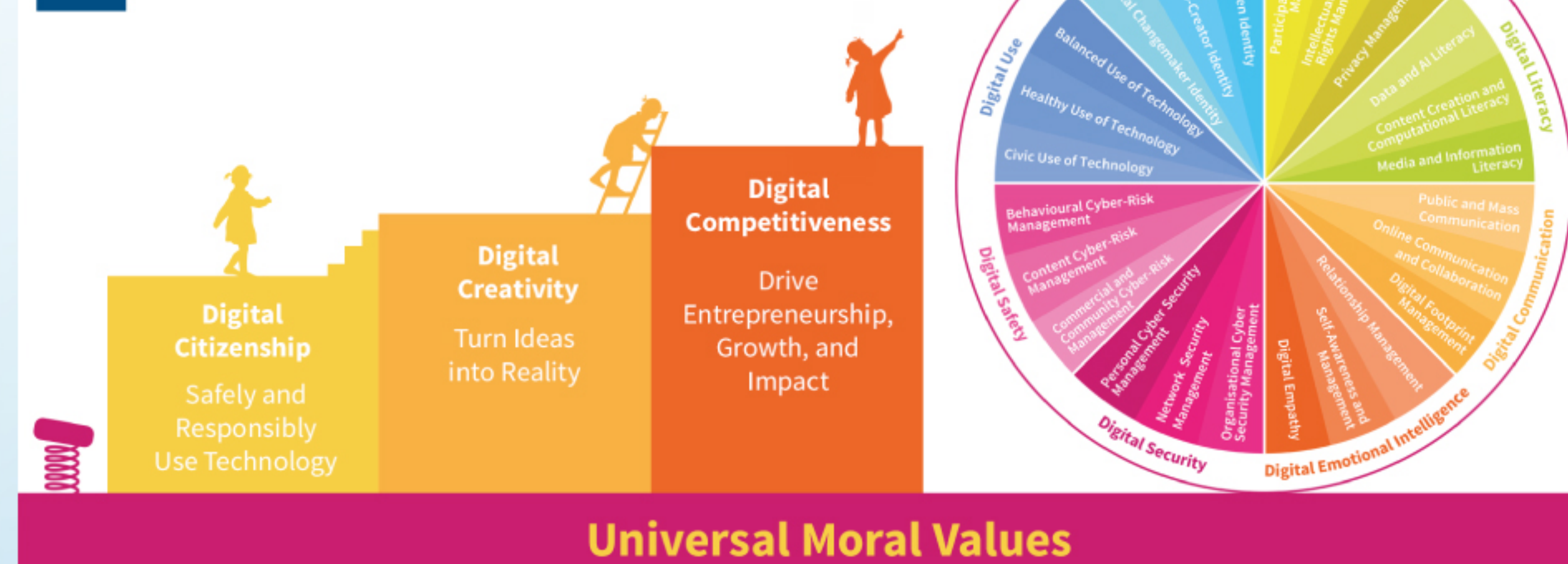
"Through 2020, 95% of business leaders will continue to make decisions using intuition, instead of data-driven evidence and will significantly underestimate risk as a result."

Gartner
2018

DQ: DIGITAL INTELLIGENCE QUOTIENT



24 DQ COMPETENCIES



	Digital Identity	Digital Use	Digital Safety	Digital Security	Digital Emotional Intelligence	Digital Communication	Digital Literacy	Digital Rights
Digital Citizenship	1. Digital Citizen Identity	2. Balanced Use of Technology	3. Behavioral Cyber-Risk Management	4. Personal Cyber Security Management	5. Digital Empathy	6. Digital Footprint Management	7. Media and Information Literacy	8. Privacy Management
Digital Creativity	9. Digital Co-Creator Identity	10. Healthy Use of Technology	11. Content Cyber-Risk Management	12. Network Security Management	13. Self-Awareness and Management	14. Online Communication and Collaboration	15. Content Creation and Computational Literacy	16. Intellectual Property Rights Management
Digital Competitiveness	17. Digital Changemaker Identity	18. Civic Use of Technology	19. Commercial and Community Cyber-Risk Management	20. Organizational Cyber Security Management	21. Relationship Management	22. Public and Mass Communication	23. Data and AI Literacy	24. Participatory Rights Management

Source: DQ Institute

US - CHINA TRADE TENSIONS

US-CHINA DISPUTE GOES BEYOND TRADE: IT'S ABOUT TECHNOLOGY AND FAIR COMPETITION



US-China dispute goes beyond trade: it's about technology and fair competition

To resolving imbalances between the US and China is easy; the real obstacles to preventing a costly trade conflict concern China's goals for technology, its industrial policy and hesitance to embrace open markets at home. In the event of a fully fledged US-China trade war, the outcome would go beyond trade. Things are escalating during the most critical period of China's deleveraging and its efforts to lessen financial risks. A darker external environment could potentially prompt China to slow these efforts and undermine reform progress.



Link

<https://www.scmp.com/comment/insight-opinion/united-states/article/2151981/us-china-dispute-goes-beyond-trade-its-about>



July 2019, US President Donald Trump followed through on months of threats to impose sweeping tariffs on China for its alleged unfair trade practices. So far, the US has already slapped tariffs on US\$ 250 billion worth of Chinese products, and has threatened tariffs on US\$ 325 billion more.



Link

<https://www.china-briefing.com/news/the-us-china-trade-war-a-timeline/>

IEEE REVERSES HUAWEI PAPER REVIEW RESTRICTIONS



The world's largest technical professional organization the Institute of Electrical and Electronics Engineers (IEEE) announced it is lifting restrictions it had imposed scarcely a week ago on editorial and peer reviews involving employees of Chinese tech communication giant Huawei.

"IEEE has received the requested clarification from the U.S. Department of Commerce on the applicability of these export control restrictions to IEEE's publication activities. Based on this new information, employees of Huawei and its affiliates may participate as peer reviewers and editors in our publication process. All IEEE members, regardless of employer, can continue to participate in all of the activities of the IEEE".



Link

<https://www.scmp.com/comment/insight-opinion/united-states/article/2151981/us-china-dispute-goes-beyond-trade-its-about>