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K-CONNECT 2019

Delivering Values: KM for Sustainable Performance

Knowledge for Performance Delivery

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Securities Commission



By **2020** knowledge will likely be **doubling** every | **11- 12 hours**¹⁰

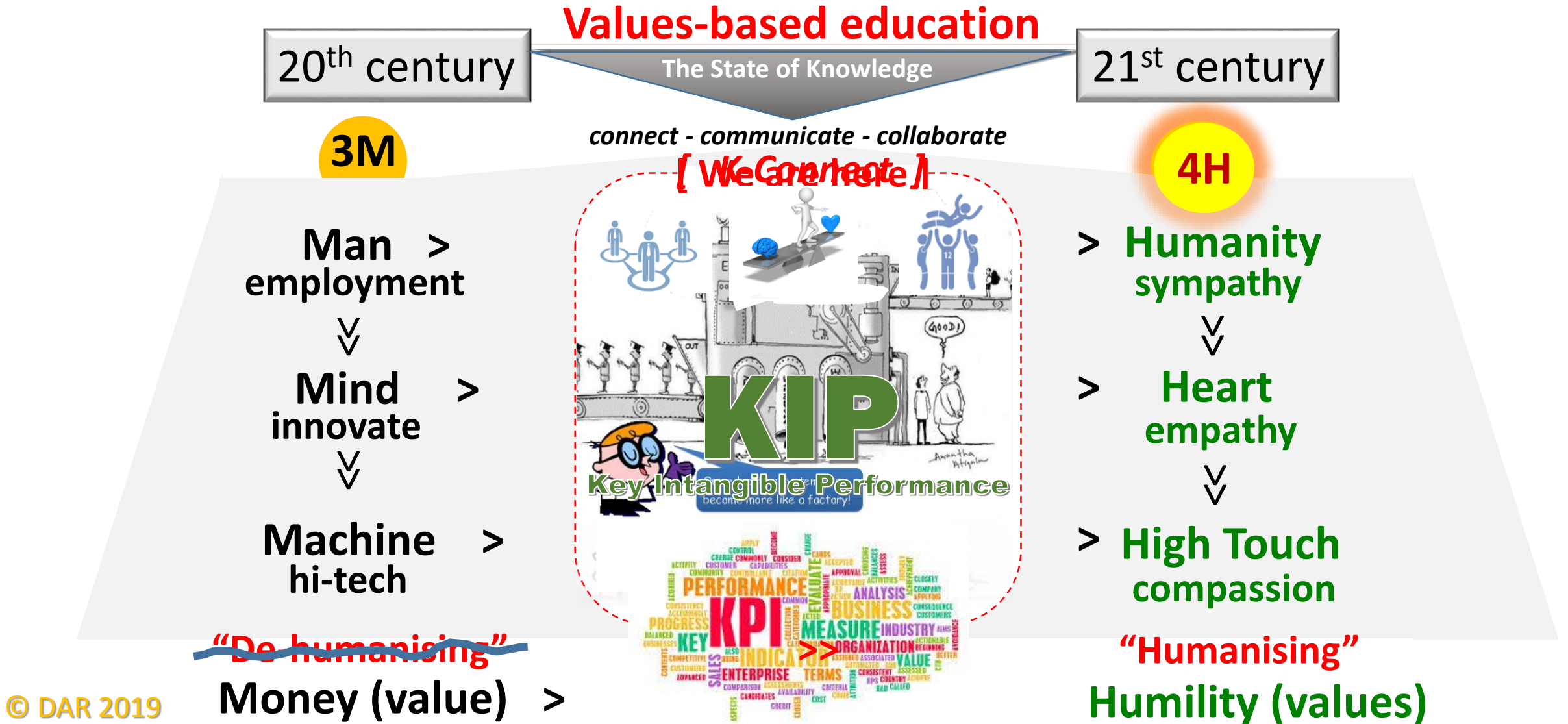
- knowledge now has true competitive value only **at the moment it is created** due exponential growth of knowledge generation
- people are best prepared for the future will be the ones trained to be **comfortable and conversant in disciplines outside their own**, as well as in skills that support collaboration, such as empathy, active listening and open mindedness
- therefore there is a need to be reorganised around **transdisciplinary learning** if we want to remain relevant; executive education and upskilling employees.
- **awareness** is key since new technologies though are changing the world as we know it, but the direction they will take remains uncertain
- those who will **know how to anticipate** the next big change will be the ones holding the future in their hands



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The factory mass teaching methods of the third revolution era have failed to conquer enduring problems of inequity and unfairness.

- Anthony Seldon & Oladimeji Abidoye (2018)





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What is the Fourth Industrial Revolution?

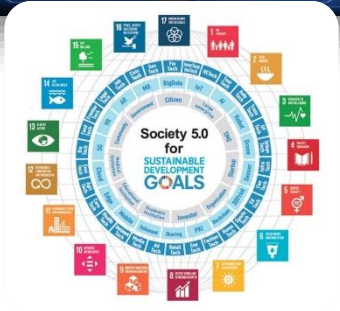
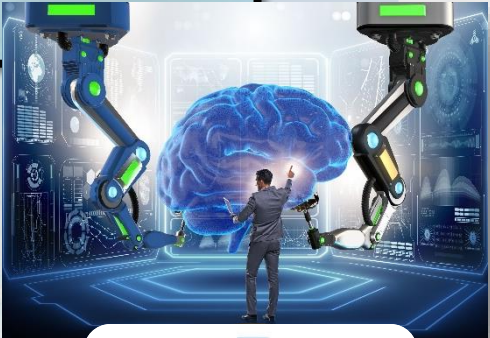
IEEE



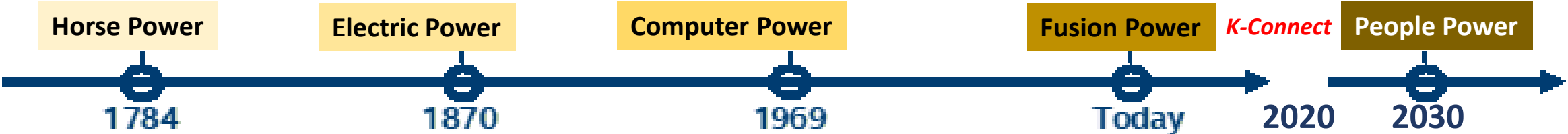
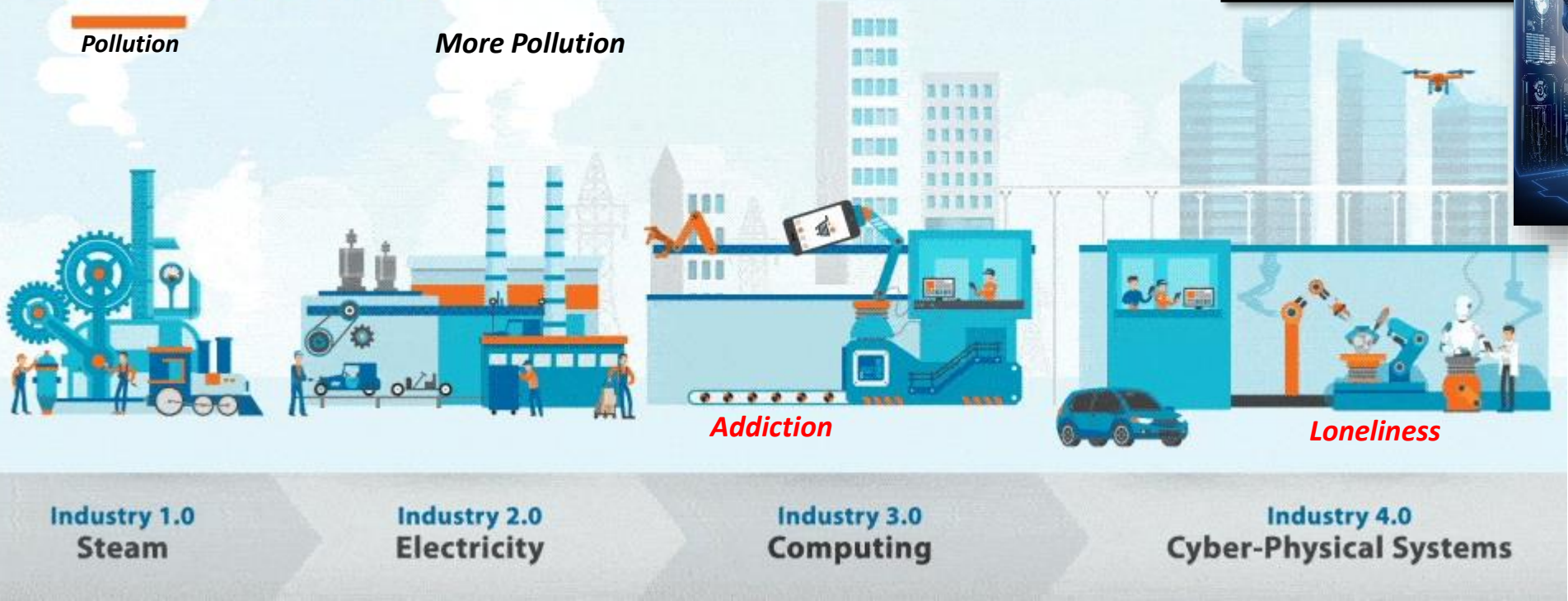
Over 3 million Industrial Robots will be in operation globally by 2020.

Source: IFR

Ethics



Society 5.0 Well-being





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IR 4.0 ?

SDGs 2030

Wellness 2030

Industry 4.0

Industrial Internet

Society 5.0

Made in China 2025

Smart Cities

sejahtera

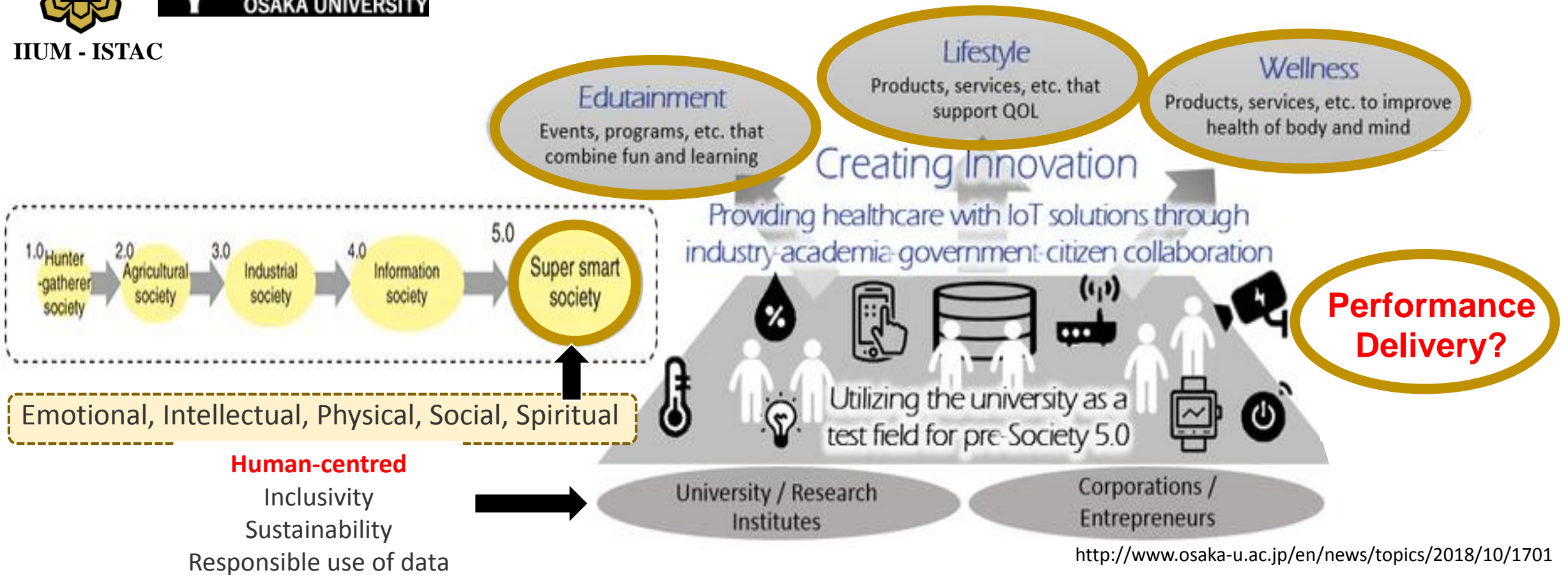




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Research Hub Support Project for the Realisation of Society 5



Osaka University will construct a research hub for verifying information and science technologies necessary for realising Society 5.0 together with research institutes, local municipalities, and corporations. **From the inseparable link between everyday life and health, it will design a high quality of life (QOL)** on the basis of physical health, mental health, social health, and environmental health to share various technological innovations with society and lead social reform. Specifically, it will concurrently promote research on: **Lifestyle Research** (research for maintaining and improving QOL), **Wellness Research** (research for improving physical and mental health), and **Edutainment Research** (research for realising fun in learning).



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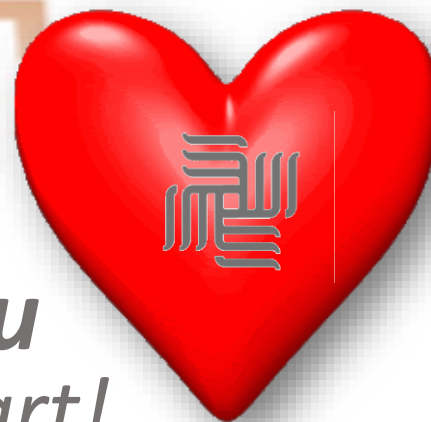




- a **new knowledge measurement** tool (eg tangible vs intangible) must be embedded/designed to better understand the future of knowledge societies.
- apart key future fields of **hi-tech knowledge**: artificial intelligence (AI), biotechnology, cybersecurity, blockchain, and future skills; other **hi-touch trends** – or societal agenda (sustainability, globalisation, and urbanisation) will also affect the future knowledge societies and QOL.
- while engineering and sciences (**STEM**) are fields central to the jobs of the future, humanities (**HACD**) are also of great significance.
- need to acknowledge the interactions embedded in these trends as they often are **connected and reinforcing each other** in performance delivery.
- more challenges are **linked to social issues**, especially the demographic shifts, ageing population, growing inequalities and increasing scarcity of resources (including food/water shortage in developing economies).
- aim **to create solutions and values** to the world's most pressing environmental, economic and social challenges with greater speed and accuracy, thereby helping to realise the 17 Sustainable Development Goals (SDGs).



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*Thank you
from the heart!*





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Acknowledgement & Disclaimer

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