



THE INFORMATION AND COMMUNICATIONS TECHNOLOGY COUNCIL

Shifting Gears in a Changing Global Economy

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ICTC fosters globally competitive and inclusive digital economy empowered by innovative digital solutions





INDUSTRIAL & SOCIOECONOMIC IMPACTS OF 5G

Smart Cities



Global Trade



Advanced industrialization



Immersive Entertainment

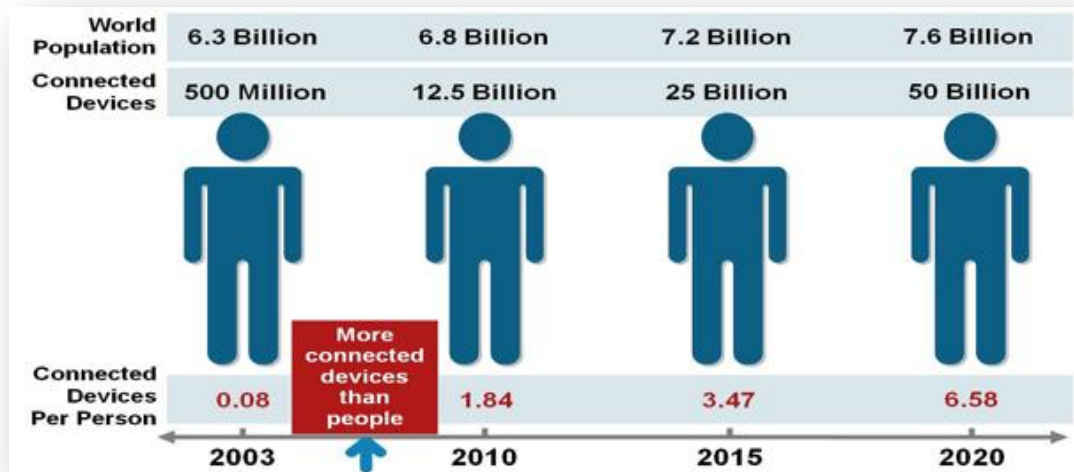


Autonomous Vehicles



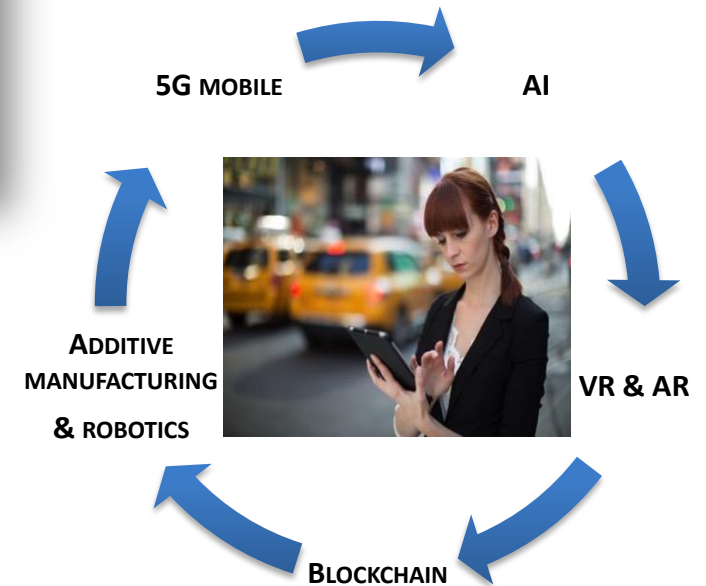
TRANSFORMATIVE TECHNOLOGIES SHAPING THE GLOBAL ECONOMY

SMAAC Technologies under the larger umbrella of IoT



Source: Cisco

TRANSFORMATIVE TECHNOLOGIES



Source: ICTC Outlook 2021

- The global **5G** value chain will generate \$3.5 trillion in output supporting around \$22 million jobs by 2035
- Estimates are that **3D** printing will generate an economic impact of \$230 - \$550 billion per year by 2025
- Artificial Intelligence (**AI**) is expected to have an economic impact of \$7.1 to \$13.1 trillion by 2025
- Virtual & Augmented Reality (**VR & AR**) are expected to be a \$150 billion market by 2020
- The global **Blockchain** market is growing at a staggering CAGR of 58.7%, projected to be a \$2.5 billion CAD in Canada by 2024, generating around 107,000 high paying jobs





Q & A

For more information, visit:

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