Building sustainable smart cities in vietnam

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Purpose of Smart cities

Intelligent Retail
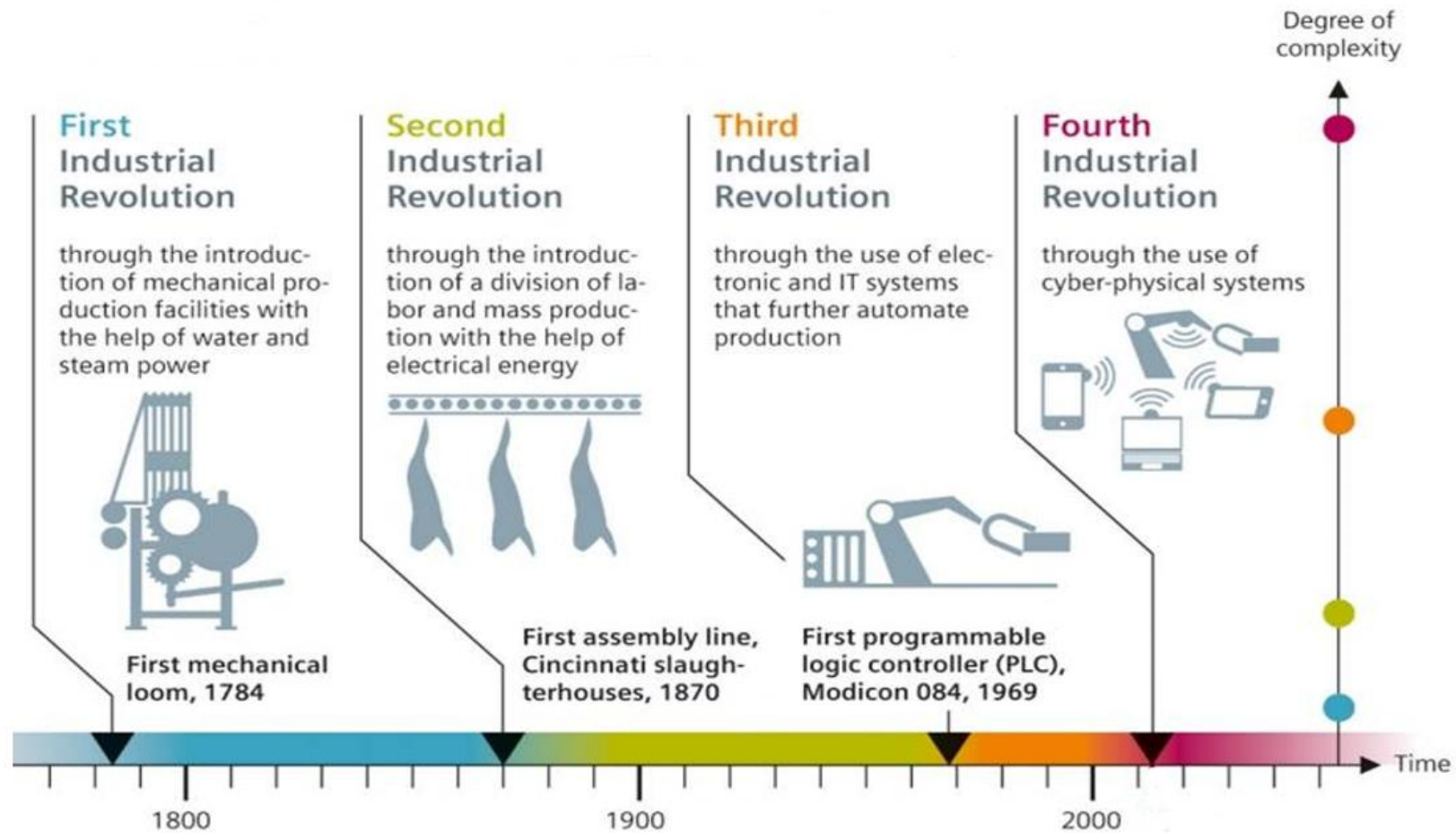
Energy and Environment
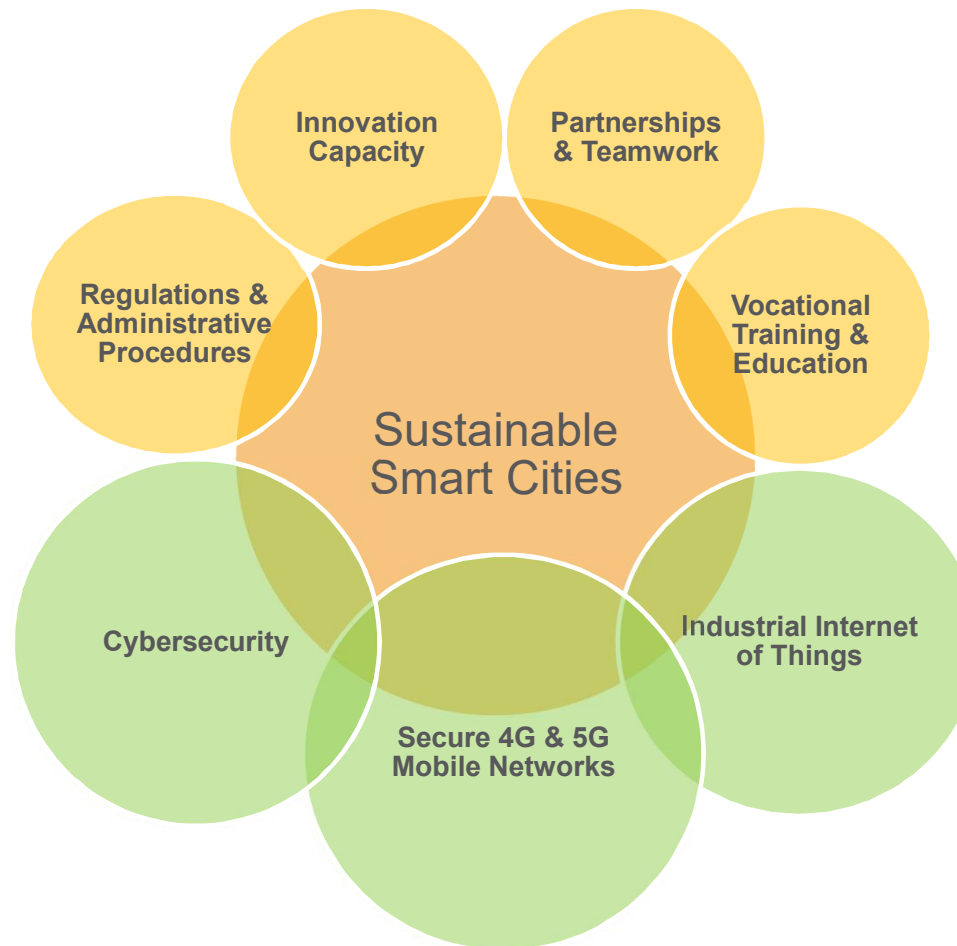
Intelligent Transport
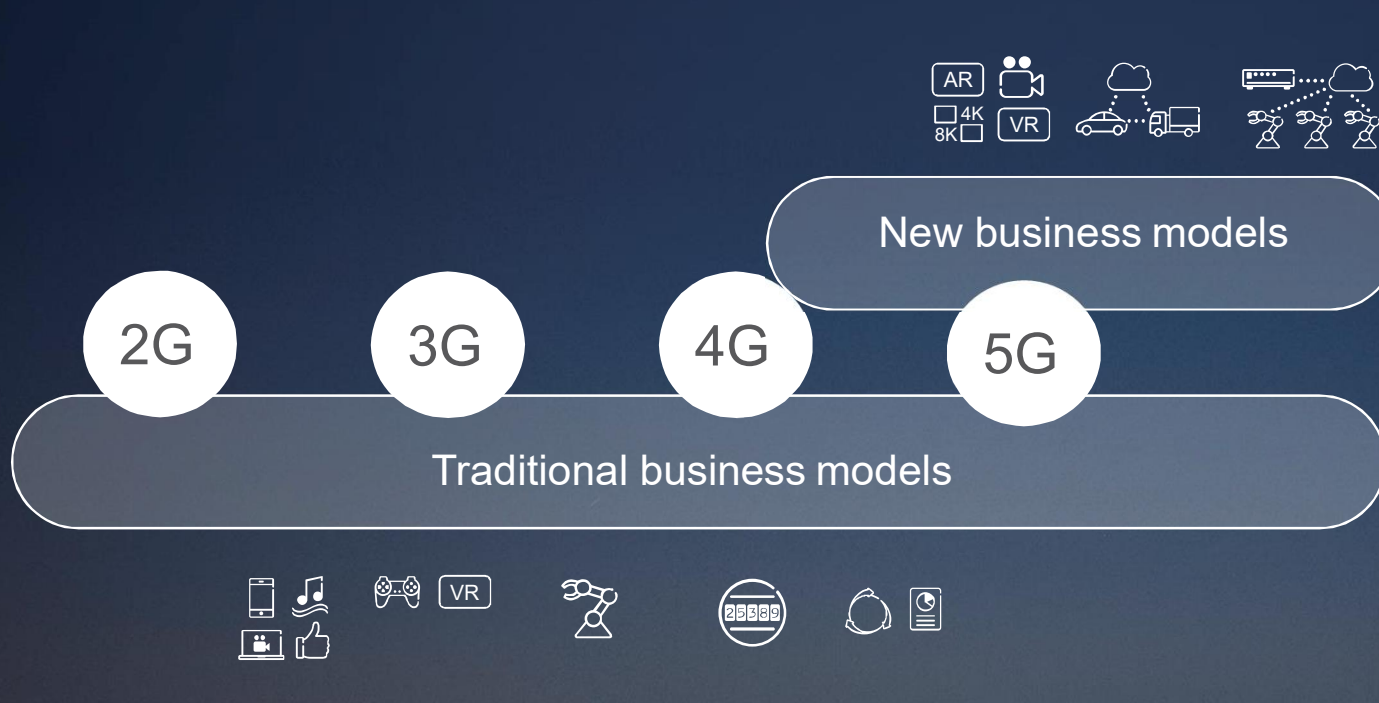
Smart Manufacturing

Intelligent Healthcare

Industry 4.0 evolution

First Industrial Revolution through the introduction of mechanical production facilities with the help of water and steam power

First mechanical loom, 1784

Second Industrial Revolution through the introduction of a division of labor and mass production with the help of electrical energy

First assembly line, Cincinnati slaughterhouses, 1870

Third Industrial Revolution through the use of electronic and IT systems that further automate production

First programmable logic controller (PLC), Modicon 084, 1969

Fourth Industrial Revolution through the use of cyber-physical systems

Degree of complexity

Time

1800   1900   2000

Policy enablers for Sustainable smart cities

ICT platform for sustainable Smart Cities

New business models

2G   3G   4G   5G

Traditional business models

› Platform for Industry Digital Transformation

› Traditional Mobile Communication

Thank you

SMART

SIMPLE

SUPERIOR

SCALABLE

SECURE