

Interrelation of Rising Trends

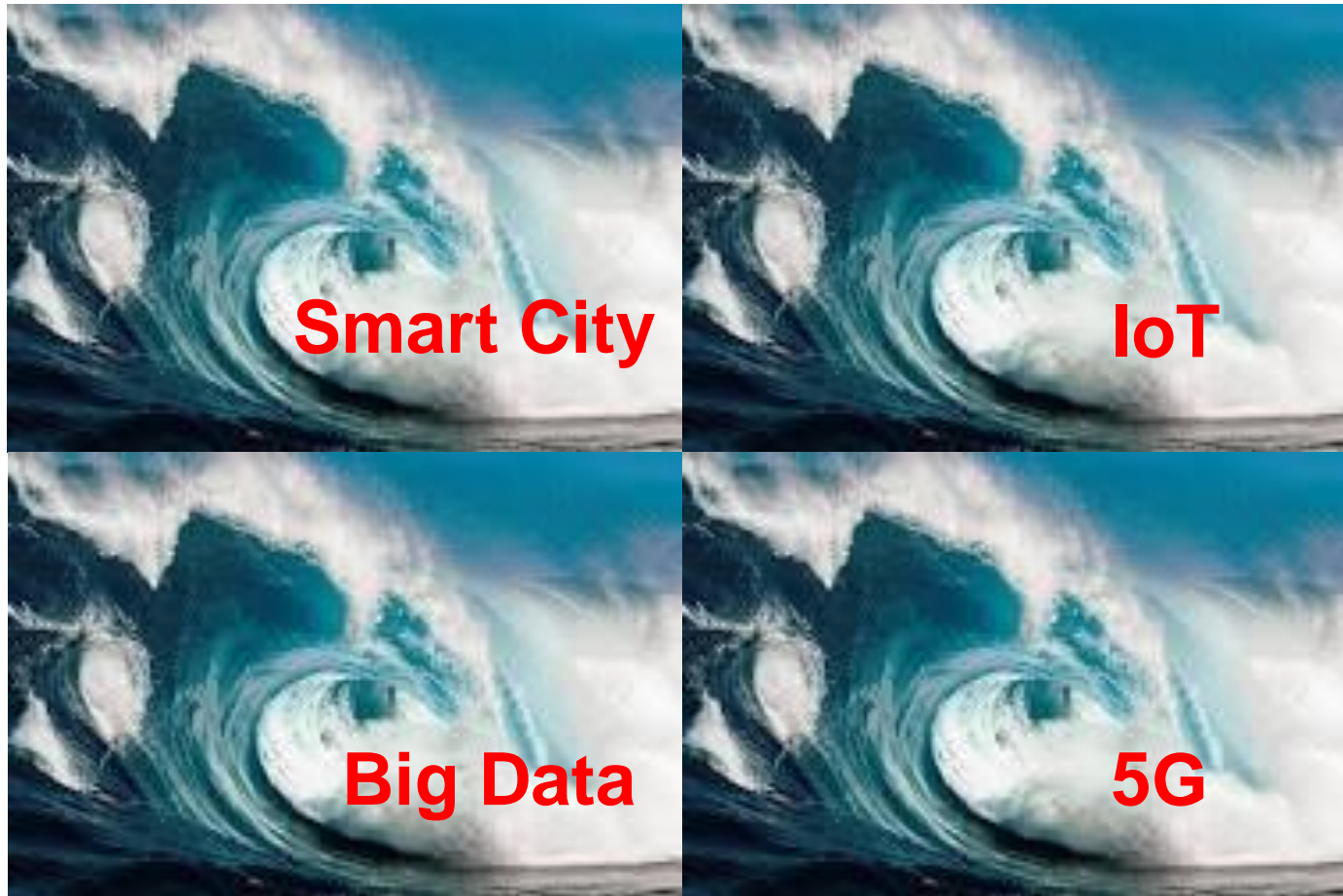
Dr. Fadel Digham

R&D Executive Director
National Telecom Regulatory Authority
Egypt

Smart Cities Group Chairman
International Telecommunication Union,
Development Sector



Rising Waves...



Our Current Position



Smart City

- ITU-T studied and analyzed approximately 116 existing definitions of smart sustainable cities and settled for:

*“an innovative city that uses **ICTs** and other means to **improve quality of life, efficiency of urban operation and services**, and **competitiveness**, while ensuring that it meets the needs of present and future generations with respect to **economic, social and environmental aspects**.”*

Smart City

Improving Humans
Life of Style

Improving
Operations

Society

Environment
/Machines

IoT

Intelligence
(Analytics)

Data
(info gathered)

Network
(Internet/Private)

End Device
(New/Existing)

Sensor/
Actuator

Big Data

Volume

Velocity

Variety

Big Data

Volume

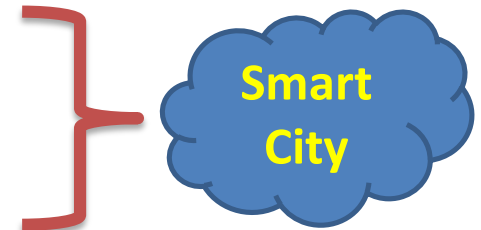
Velocity

Variety

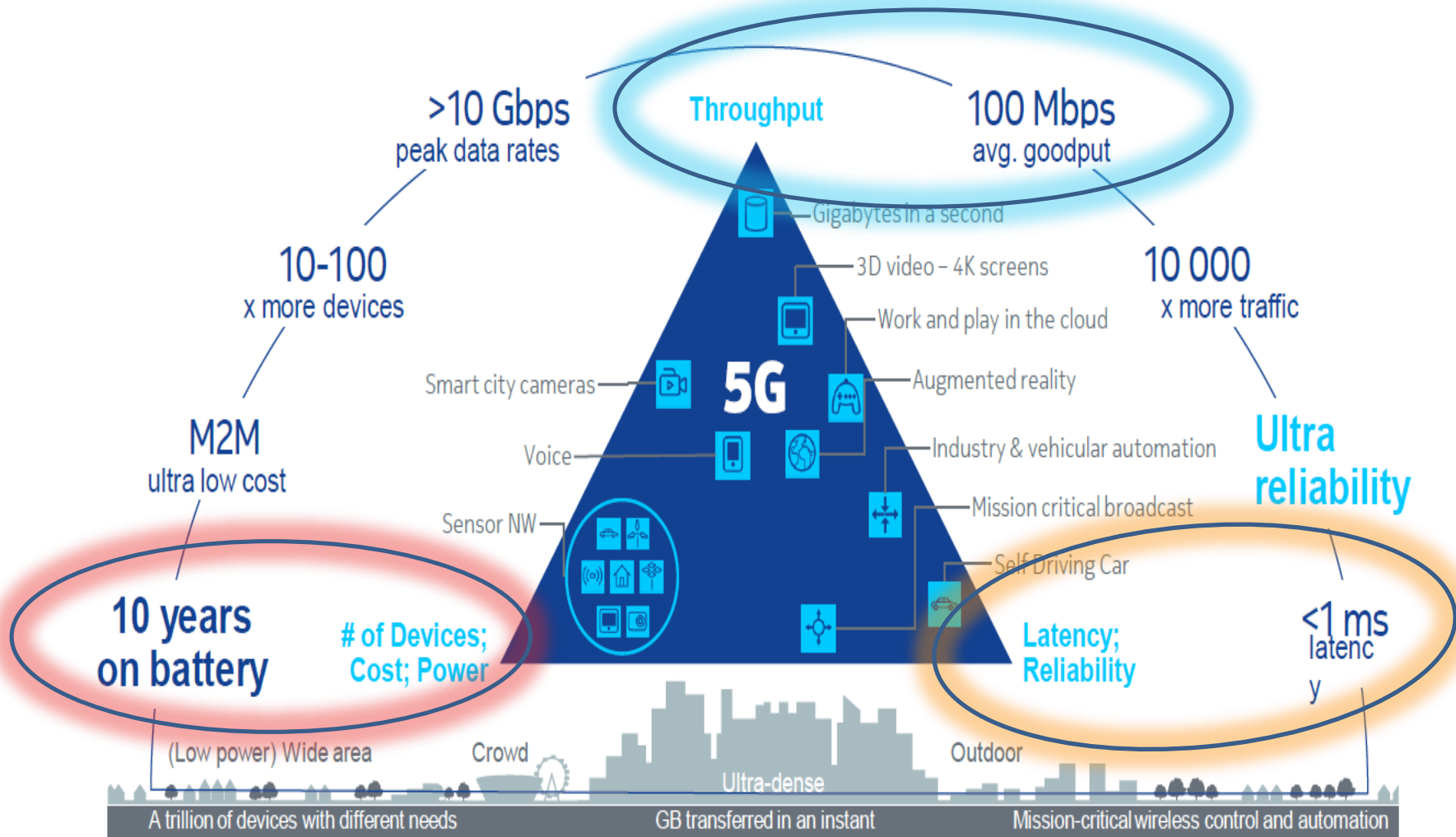
- **Sources:**

- *Human Generated* (social media)

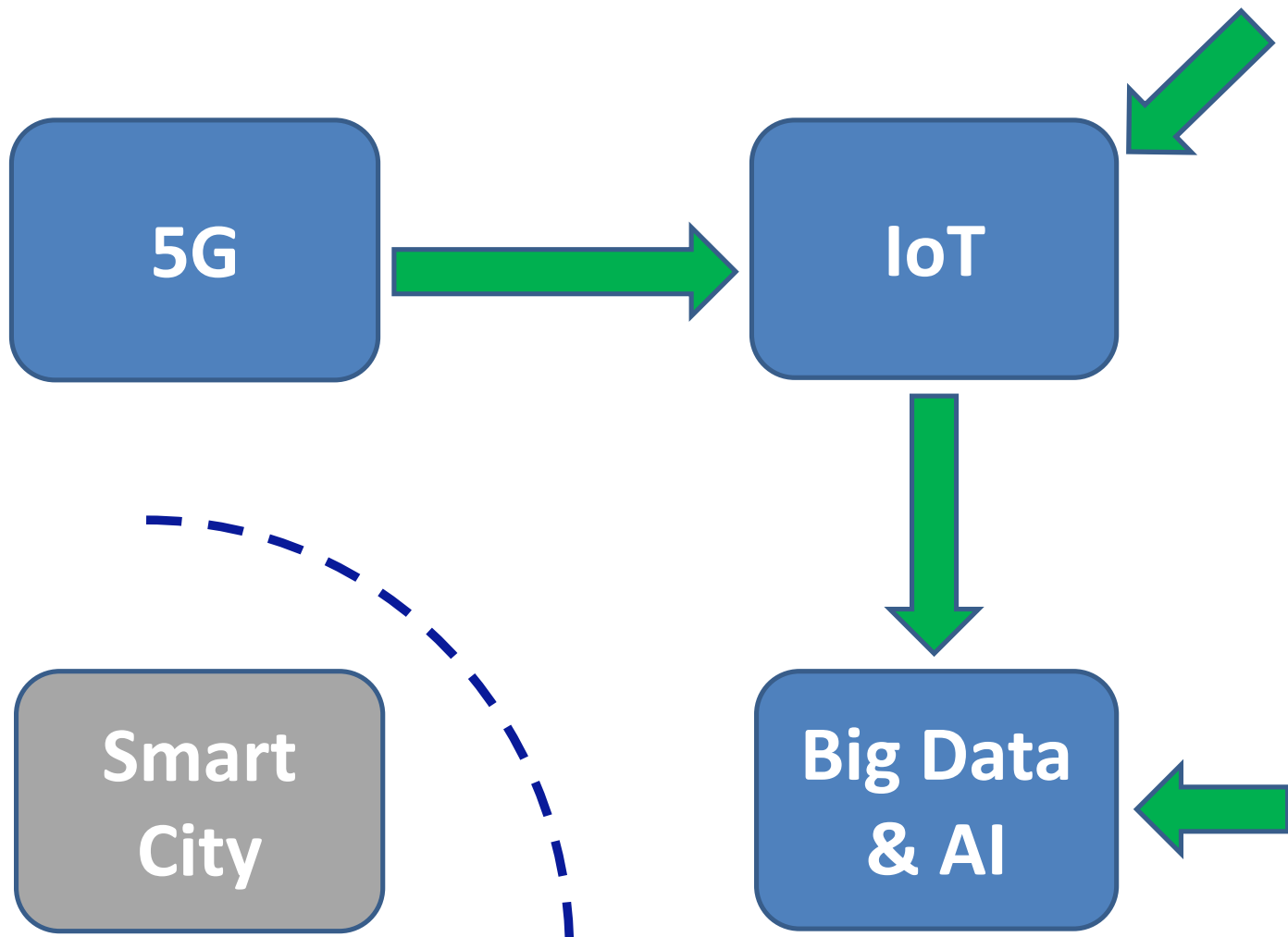
- *Machine Generated* (BAN)  IoT



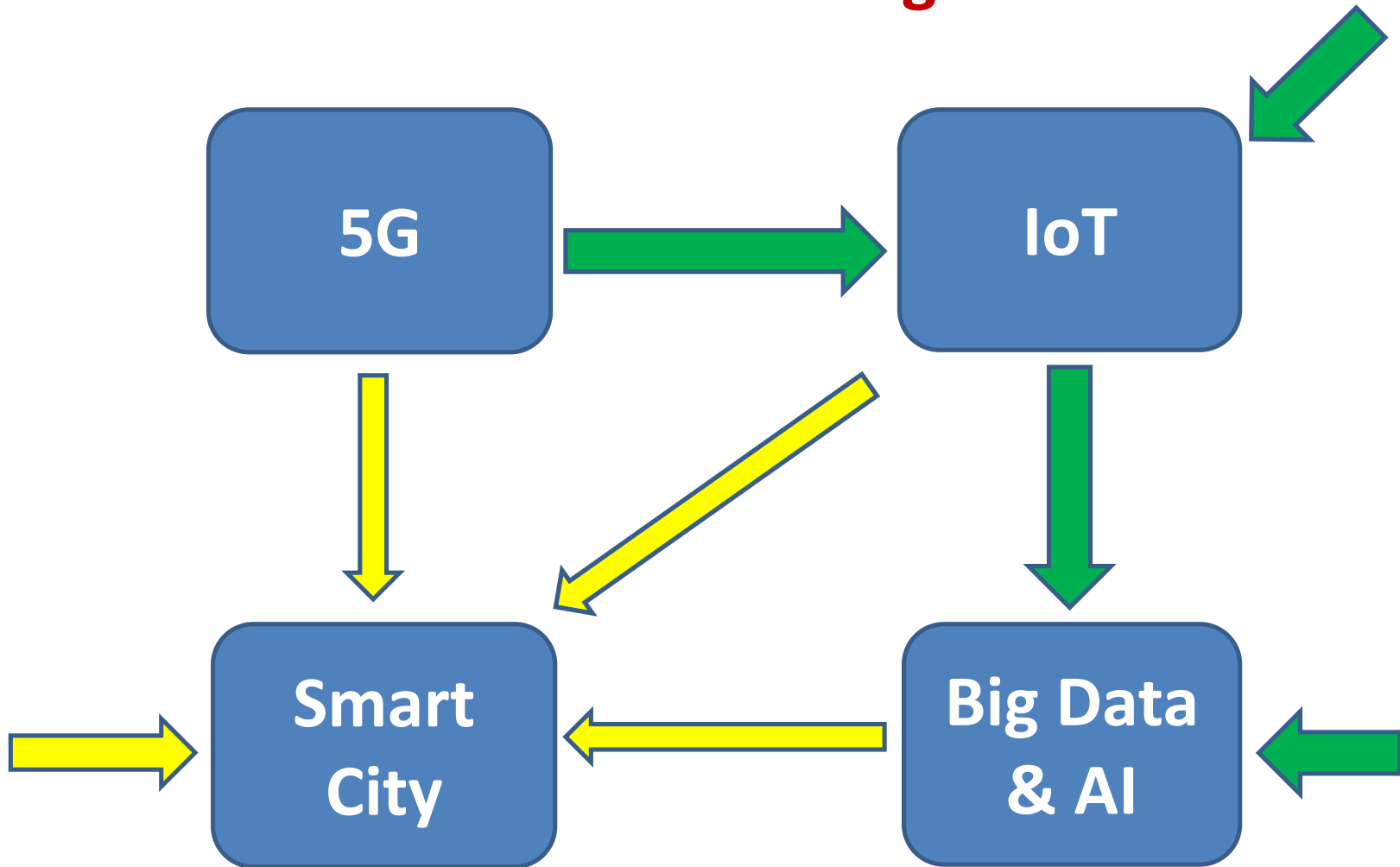
5G



The Interrelation of the Rising Trends



The Interrelation of the Rising Trends



Our New Position



THANK YOU