Strategic Visions on Future IoT Evolution – Towards a New IoT Paradigm for Business and Society

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2 4th Industrial Revolution and IoT



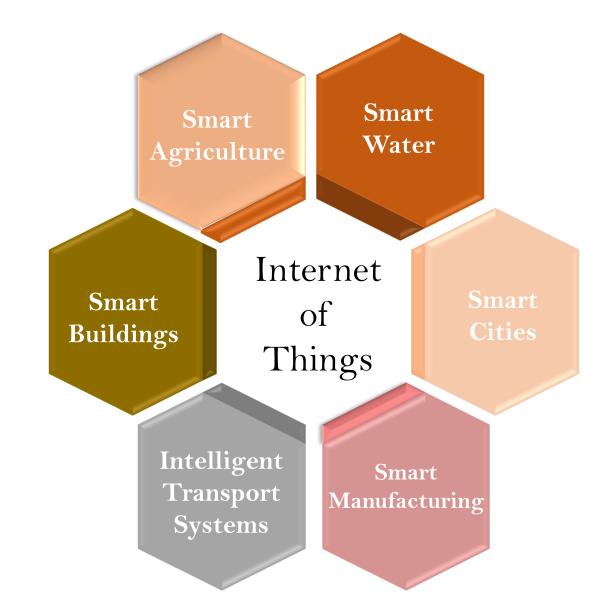


IoT and Sustainable Development Goals

IoT Market Projections

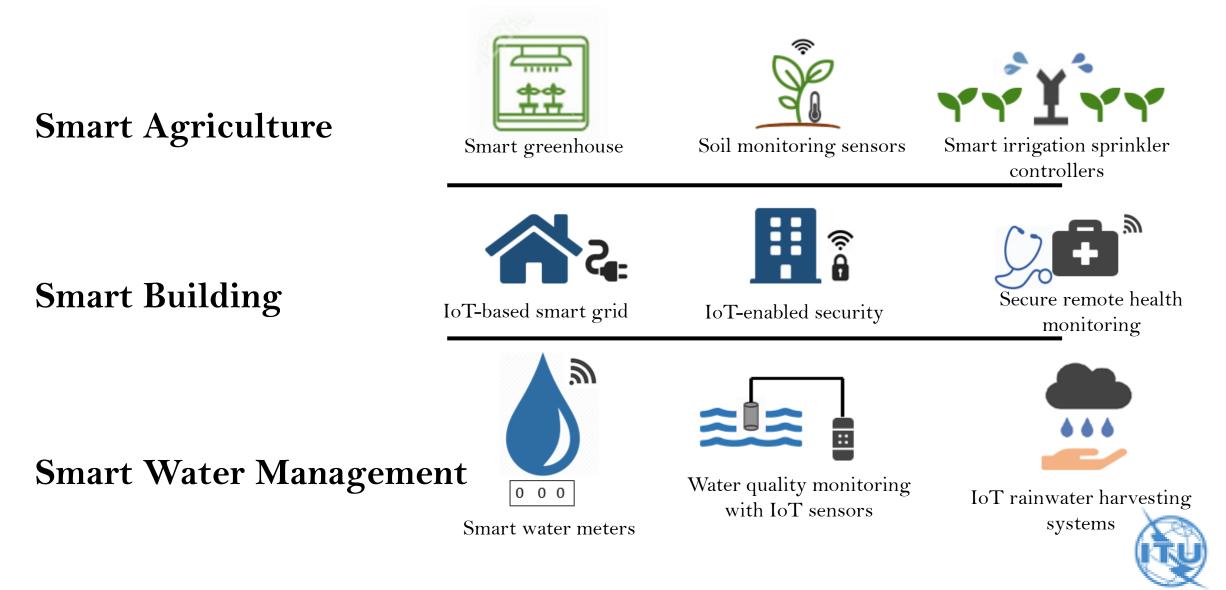


Creating value with IoT: A few applications



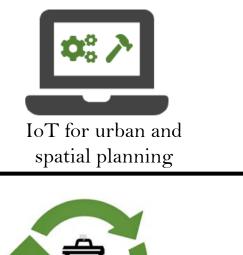


Creating value with IoT: A few applications



Creating value with IoT: A few applications

Smart Cities

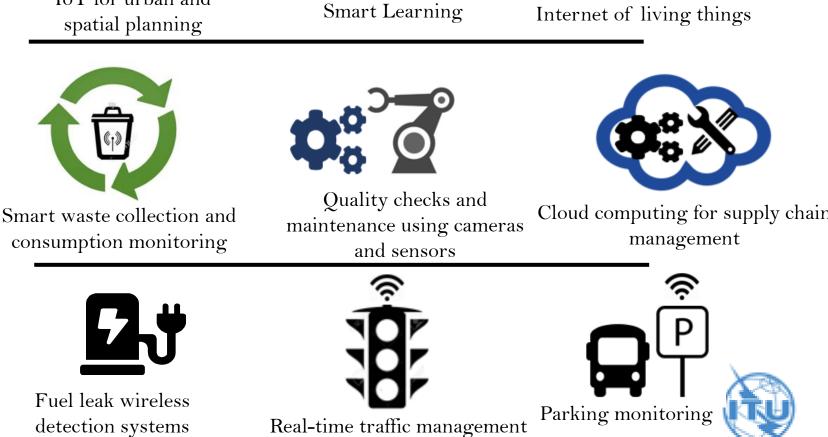




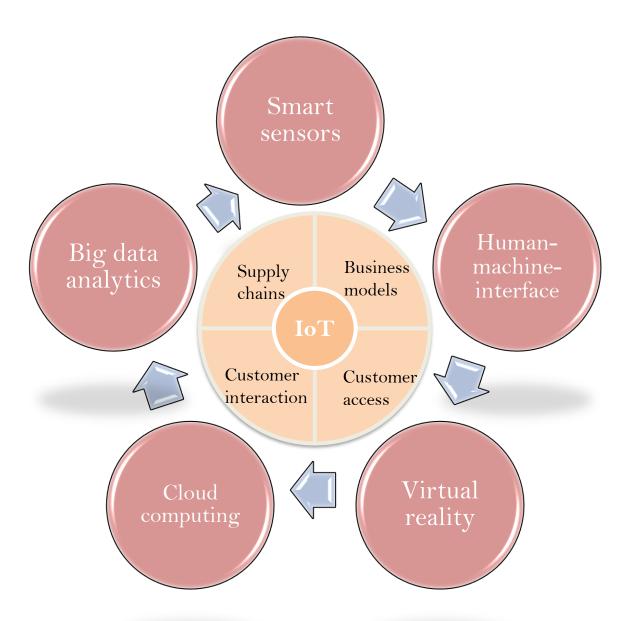


Smart Manufacturing

Intelligent Transport Systems



4th Industrial Revolution using IoT



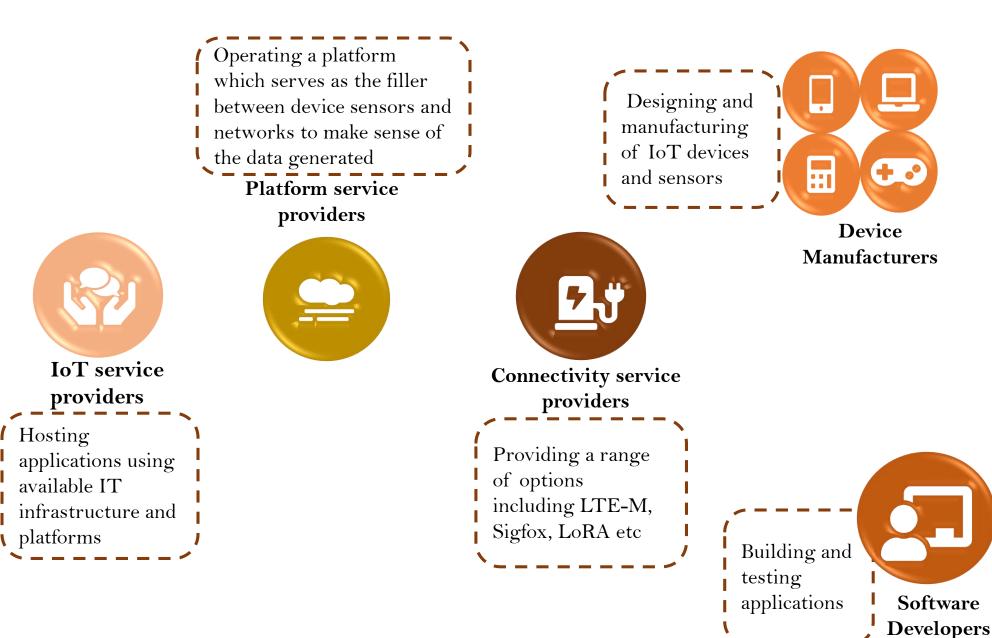


Adapted from World Economic Forum 2017

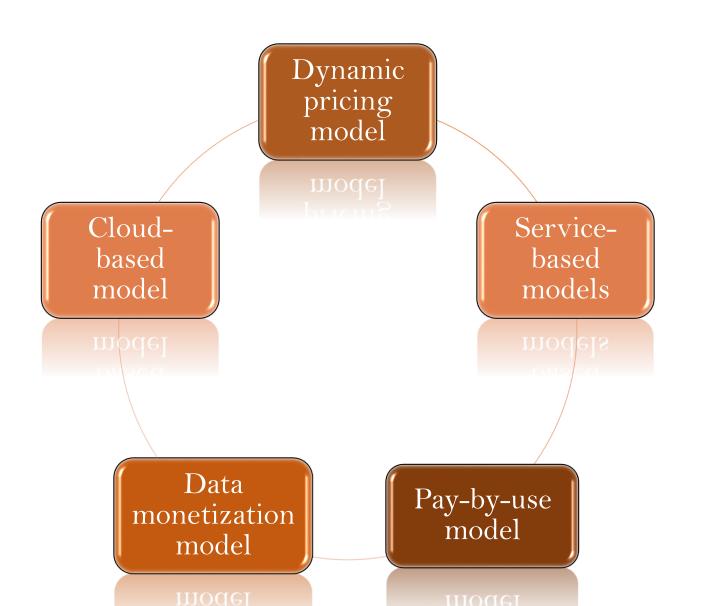
IoT Service Ecosystem: Main Players

Provided with information, applications etc. on demand

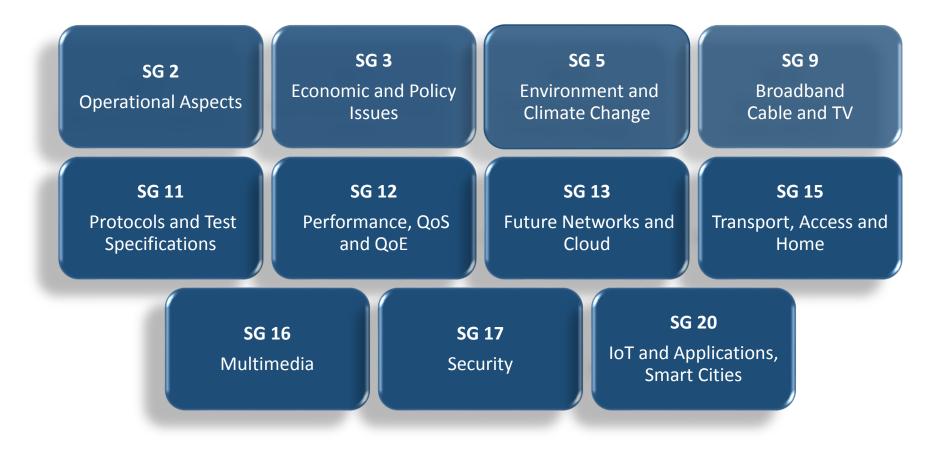




IoT Value creation: Sneak peek



ITU-T Study Groups



Focus Groups

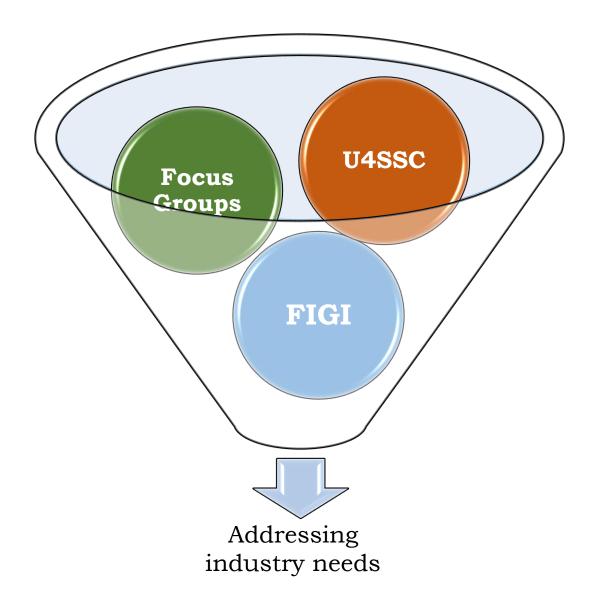
Focus Group on Artificial Intelligence for Health Focus Group on Vehicular Multimedia

Focus Group on Data Processing and Management Focus Group on Technologies for Network 2030

Focus Group on Application of Digital Ledger Technologies Focus Group on Machine learning for future networks including 5G

Focus Group on Digital Currency including digital fiat currency Focus Group on Environmental Efficiency for AI and other emerging technologies

New and Emerging Technologies



- Focus Groups serve as an instrument for the quick development of specifications in defined domains of interest
- Focus Groups aim at providing an alternate working environment for the creation of standards

ITU-T Study Group 20

Q1/20 Interoperability, infrastructures and Big Data for IoT and SC&C

Q2/20 Requirements and use-cases across verticals

Q3/20 Architecture and Quality of Service

Q4/20 E-services and applications

Q5/20 Emerging technologies and terminology

Q6/20 Security, privacy and identification

Q7/20 Evaluation and assessment of SC&C

Lead Study Group on

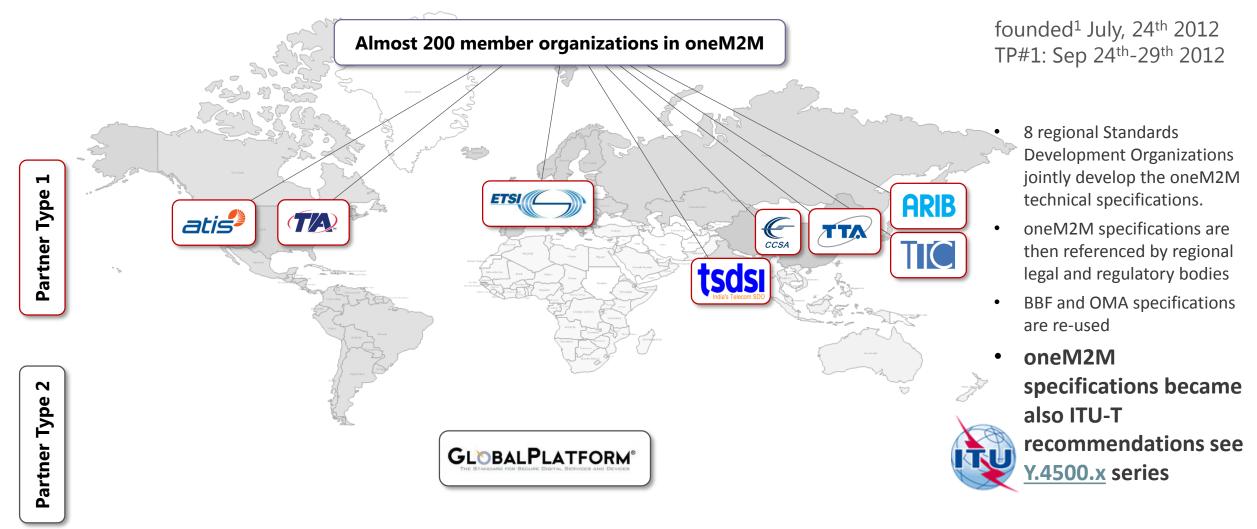
Internet of Things and its applications

Smart cities and communities

IoT Identification

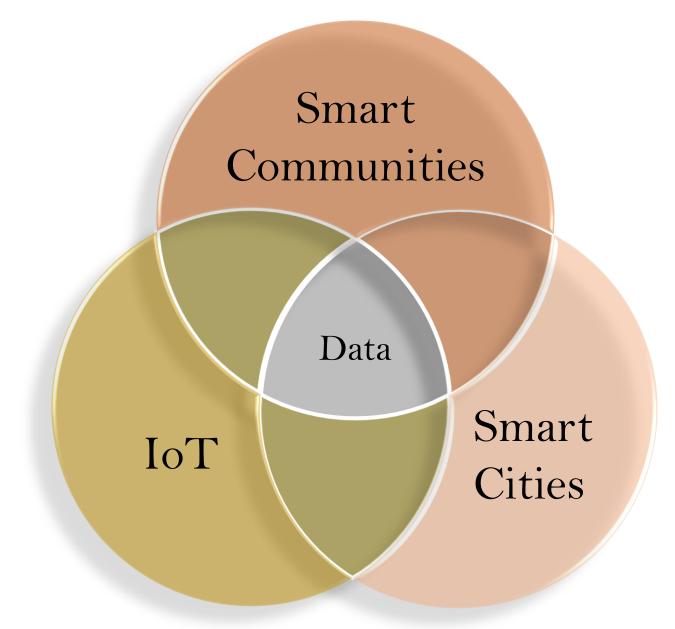
oneM2M Partnership Project





[1] Partnership Agreement V 2.0 (Approved March 2013)

Focus Group on Data Processing and Management



Role of international instruments in the implementation of IoT





THE NEW URBAN AGENDA

Role of international instruments in the implementation of IoT





Glimpse into our urban future through SDG 11



World Summit on Information Society



United for Smart Sustainable Cities





Al for Good Global Summit

An **ITU** experience

SDG 17: The glue that holds us together!





Budapest 9-12 September



Thank you

Questions?



Please contact Study Group Department for more information

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