ITU: helping digitally transform cities and communities

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The digital transformation of cities & communities

Effective leadership

Multisector partnership
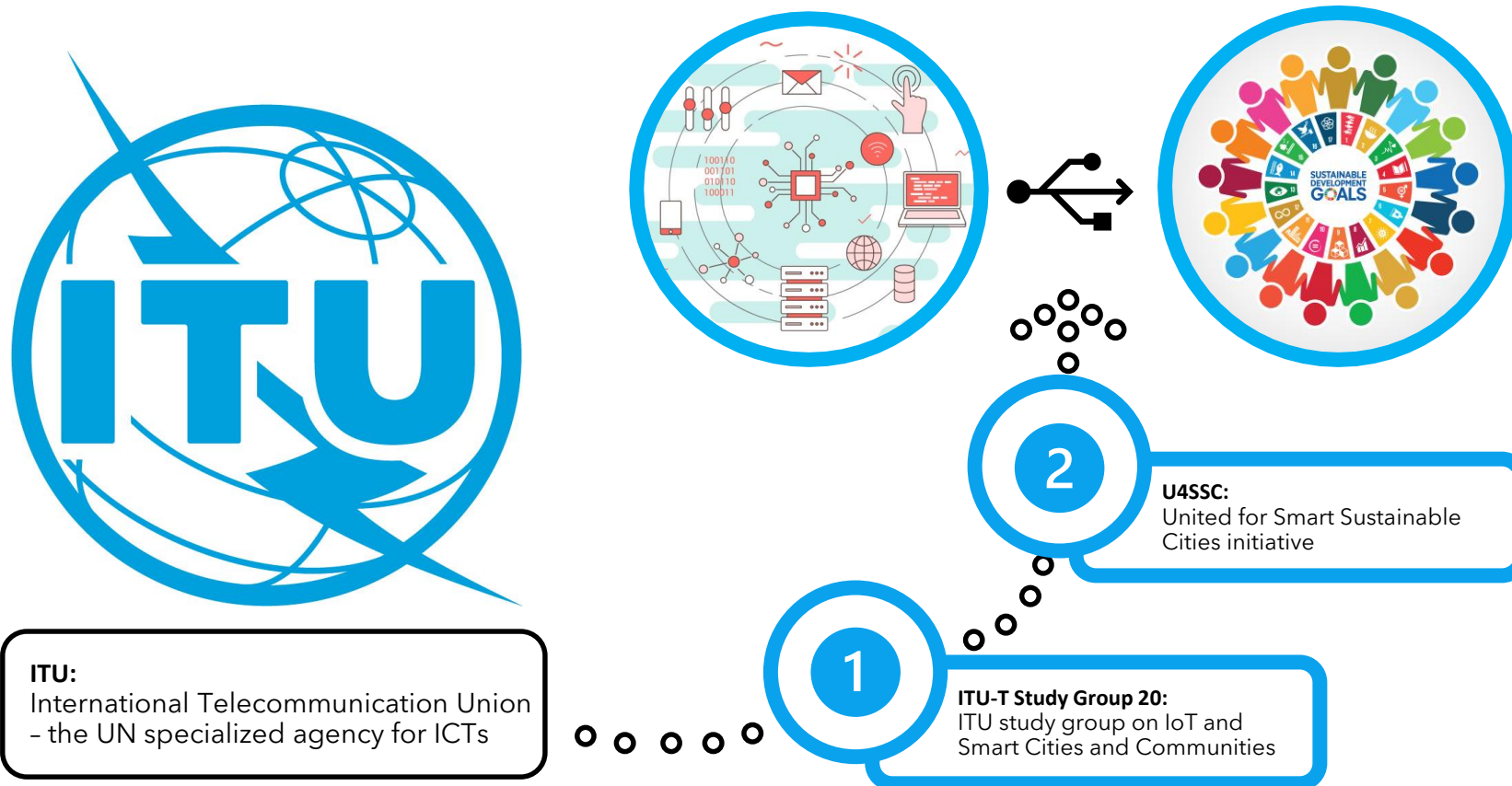
Stakeholder collaboration

Resource efficiency

Digital transformation

ITU-T facilitating digitally smart and sustainable cities & communities

ITU:
International Telecommunication Union – the UN specialized agency for ICTs

2 **U4SSC:**
United for Smart Sustainable Cities initiative

1 **ITU-T Study Group 20:**
ITU study group on IoT and Smart Cities and Communities

ITU-T Study Group 20: Internet of Things and Smart Cities & Communities

Lead Study Group on

Internet of Things and its applications

Smart cities and communities

IoT Identification

Q1/20 End to end connectivity, networks, interoperability, infrastructures and Big Data aspects related to IoT and SC&C

Q2/20 Requirements, capabilities, and use cases across verticals

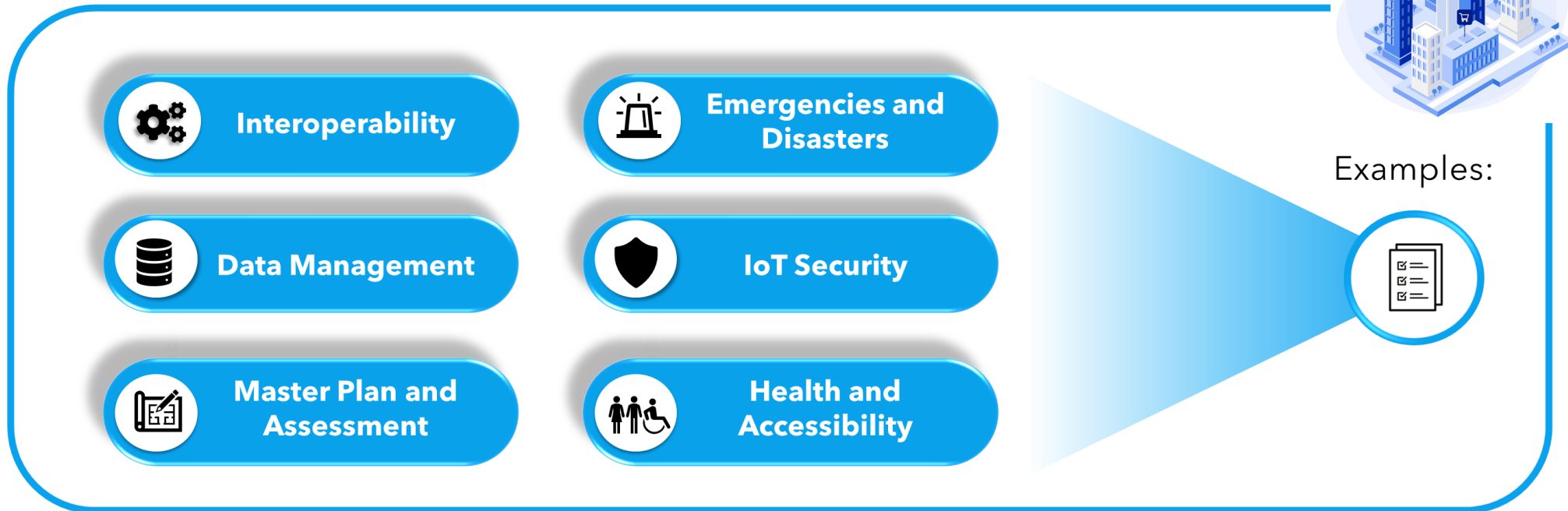**Q3/**20 Architectures, management, protocols and Quality of Service

Q4/20 e/Smart services, applications and supporting platforms

Q5/20 Research and emerging technologies, terminology and definitions
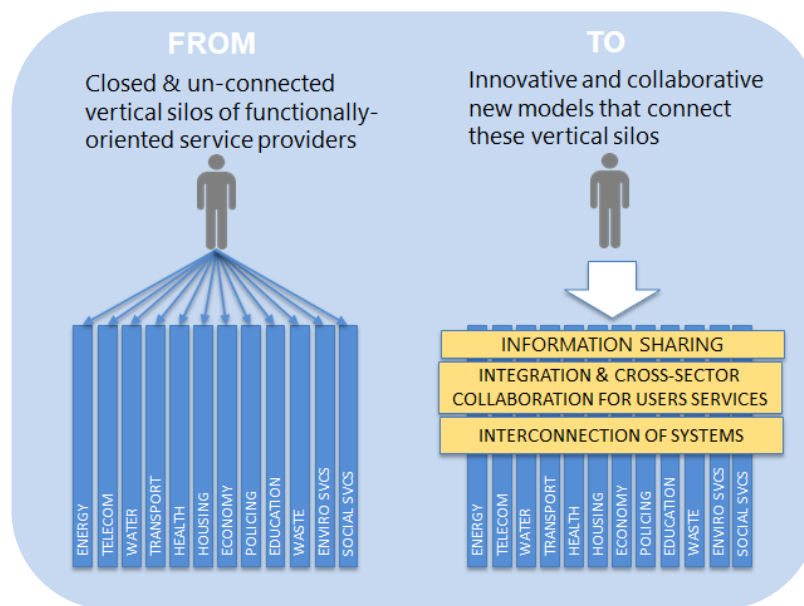
Q6/20 Security, privacy, trust and identification for IoT and SC&C

Q7/20 Evaluation and assessment of SC&C

ITU-T SG20 ICT and digital technology standards for cities & communities

Interoperability

Data Management

Master Plan and Assessment

Emergencies and Disasters

IoT Security

Health and Accessibility

Examples:

Smart city interoperability

Recommendation ITU-T Y.4200: 'Requirements for the interoperability of smart city platforms'
Recommendation ITU-T Y.4201: 'High-level requirements and reference framework of smart city platforms'

ITU's upcoming event on digital transformation

Thank you!

Questions? Interested in learning more?

Let us know!

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Website

ITU-T, Smart Sustainable Cities