

THE UNIQUENESS OF SMART CITY ICT

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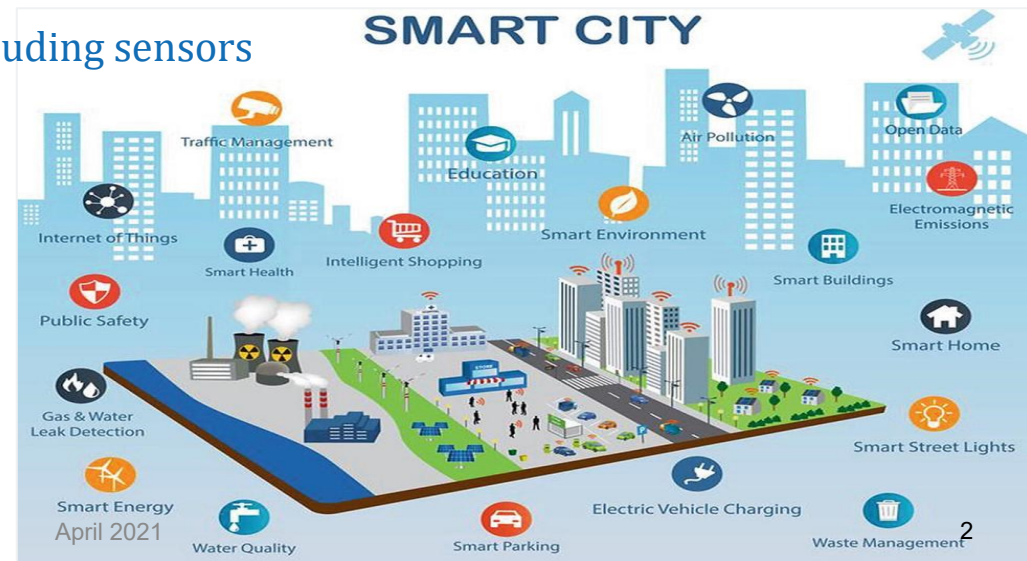
Convener of ISO/IEC JTC 1/WG 11 on Smart Cities



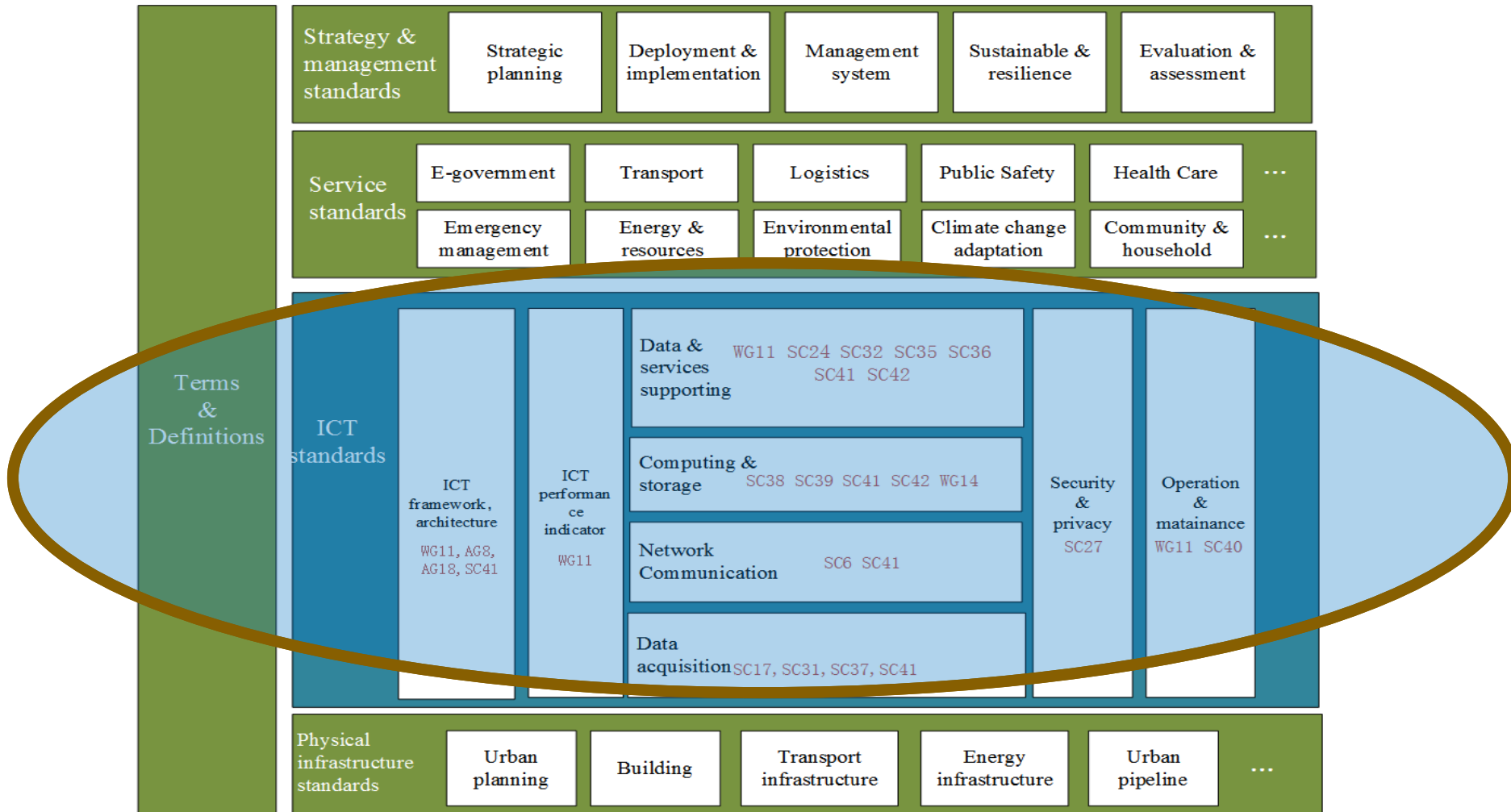
ICT technologies is needed for cities and communities

Many ICT standards can be used in supporting digital transformation in cities & communities, including standards from ISO/IEC JTC 1 for:

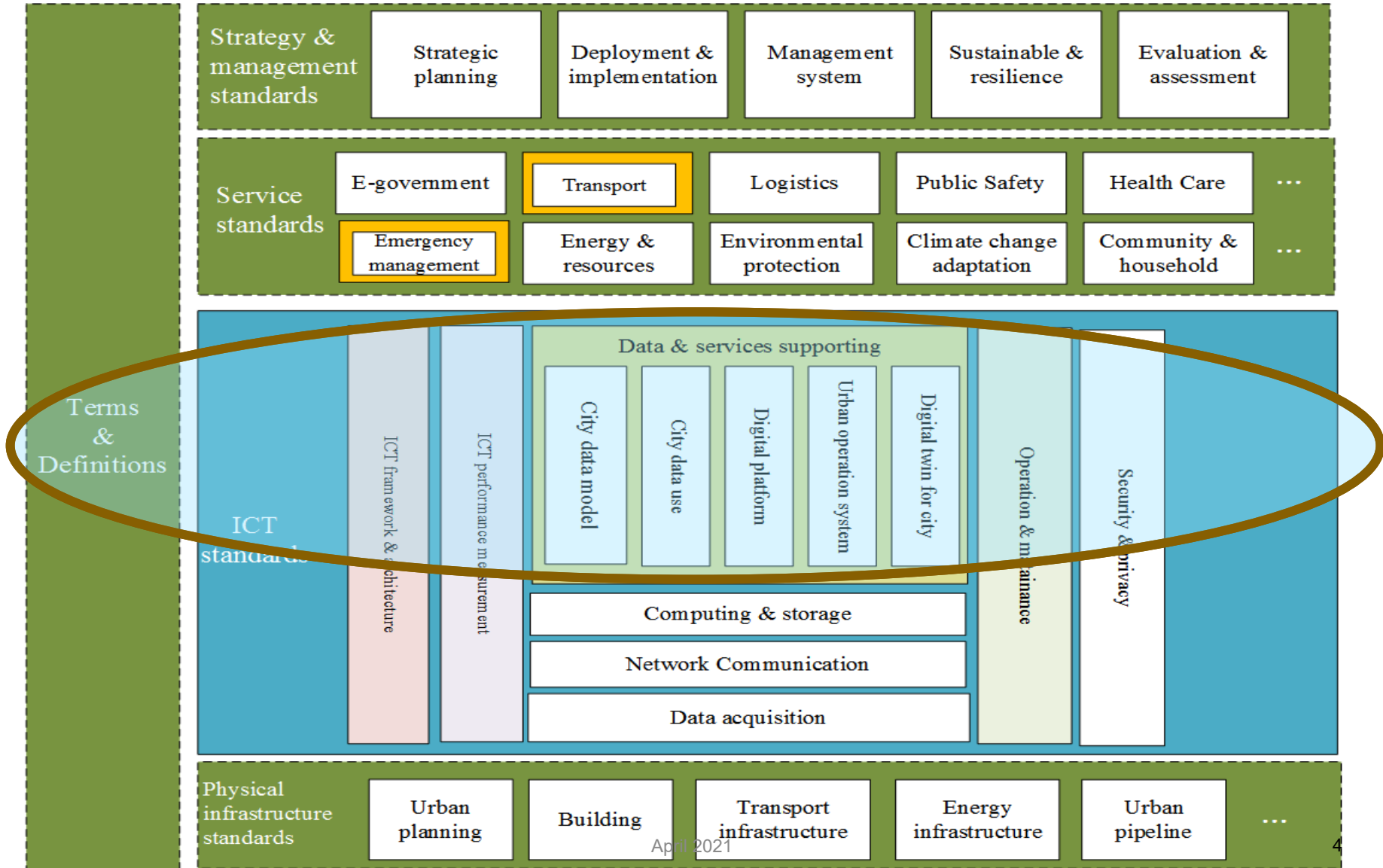
- Data capture & identification
- Data management
- Privacy, Security
- ICT networks and cloud
- Software engineering, including application technologies, cultural & linguistic adaptability, programming languages
- IT service management
- Technology for Internet of Things , including sensors
- Artificial intelligence



ICT -Key enablers for Digital Transformation



Unique Smart City ICT



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- I** Digital Platform for City Data
- II** Semantic Interoperability of City Data
- III** Coordinating City Operations
- IV** Measurement of Smart City

JTC 1/WG 11 focus list

WG 11 has initiated 11 work items in the domain of smart city on 6 topics.

No.	Reference	Title	Status
1	ISO/IEC 30146:2019	Information technology — Smart city ICT indicators	Published
2	ISO/IEC 21972:2020	Information technology — Upper level ontology for smart city indicators	Published
3	ISO/IEC 30145-3:2020	Information technology — Smart City ICT reference framework — Part 3: Smart city engineering framework	Published
4	ISO/IEC 30145-2:2020	Information technology — Smart City ICT reference framework — Part 2: Smart city knowledge management framework	Published
5	ISO/IEC 30145-1	Information technology — Smart City ICT reference framework — Part 1: Smart city business process framework	under publication
6	ISO/IEC 24039	Information Technology — Smart city digital platform	CD
7	ISO/IEC 5087-1	Information technology — City data model — Part 1: Part 1: Foundation level concepts	WD
8	ISO/IEC 5087-2	Information technology — City data model — Part 2: Part 2: City level concepts	WD
9	ISO/IEC 5087-3	Information technology — City data model — Part 3: Part 3: Service level concepts -Transportation planning	WD
10	ISO/IEC 5153	Information Technology — Smart city — City service platform for public health emergency	WD
11	ISO/IEC PWI 5217	Information technology — Guidance on smart city digital infrastructure planning — Part 1: Overview	PWI

To fight the pandemic, we can do something

ISO/IEC 5153 (WD)

City service platform for public health emergency

The city service platform for public health emergency aims at preventing the spread of emergency influence, providing early warning and reducing damage to the public.

