

Implementing digital transformation in cities for effective climate actions

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Challenges and Opportunities Facing Cities Today

- GHG Emissions
- Infrastructure Gaps
- Overpopulation
- Informal Housing
- Crime
- Service Gaps
- Low Connectivity



Digital Technologies

- Metaverse
- Internet of Things
- Digital Twin
- Artificial Intelligence
- Blockchain
- Digitalization and Big Data
- 5G

- 1 Community:**
Empowering people
- 2 Digital Equity:**
Making access to technology equitable
- 3 Infrastructure:**
Responsibility managing data & digital infrastructure
- 4 Security:**
Building trust by securing digital assets
- 5 Capacity:**
Building multi-stakeholder capacity

Supporting Digital Transformation in Cities for Climate Action



International Telecommunication Union
the UN specialized agency for ICTs

ITU-T Study Group 20:
ITU Study Group on IoT and
Smart Cities and
Communities

Correspondence
Group on AIoT

Joint IEC-ISO-ITU
Smart Cities Task
Force



United 4 Smart Sustainable Cities
Key Performance Indicators



Track progress



Perform trend
analysis



Benchmark
performance



Compare results

Thank you!

Questions? Interested in learning
more?
Let us know!



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