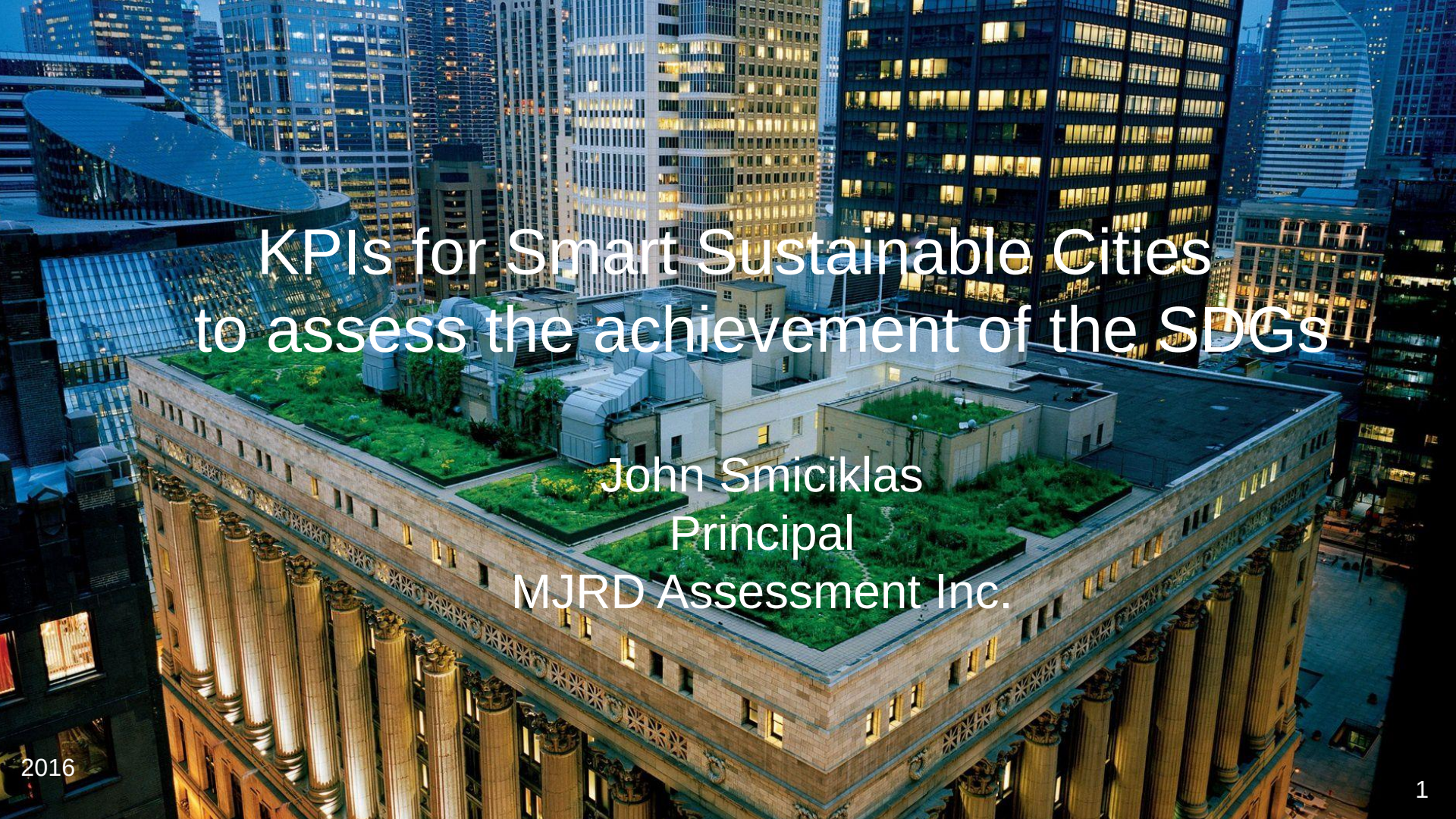

KPIs for Smart Sustainable Cities to assess the achievement of the SDGs

John Smiciklas
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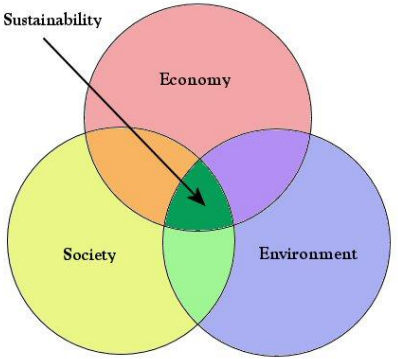
MJRD Assessment Inc.

2016

Why KPIs are needed

- Show what data to collect
- Standardizes data collection
- Demonstrates performance and outcomes
- Shows gaps in policy
- Shows areas for improvement
- Pathway to Smart , Sustainable Cities
- Achievement of SDGs

What KPIs are being developed



3 Major Areas of Focus

- Economy
- Environment
- Society and Culture
- Unique focus on sustainability & smartness
- Achievement of SDGs
- Sustainable Development Goal 11: "Make cities and human settlements inclusive, safe, resilient and sustainable".

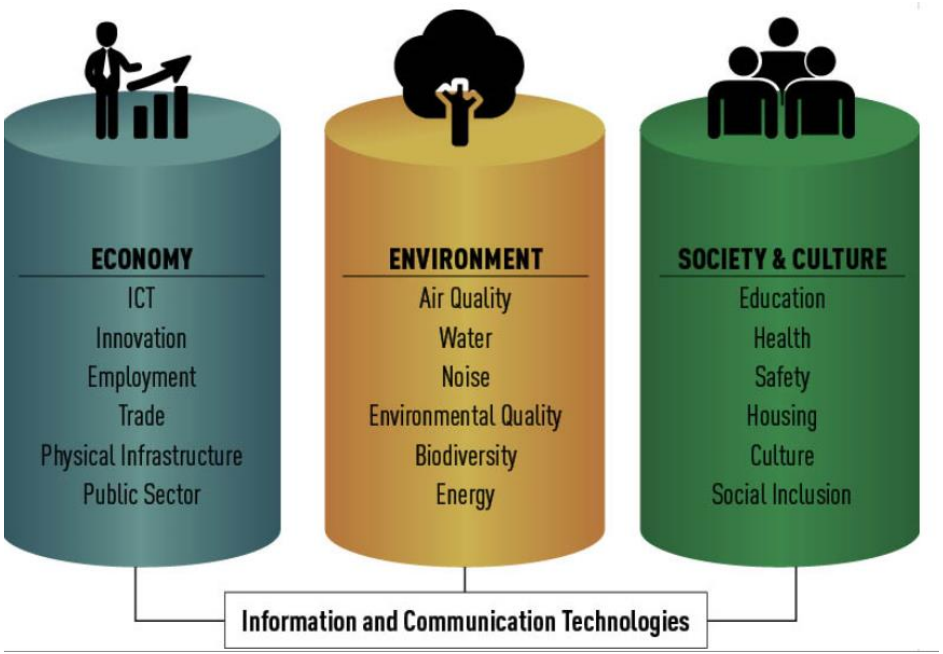
What KPIs are being developed

Core Indicators :

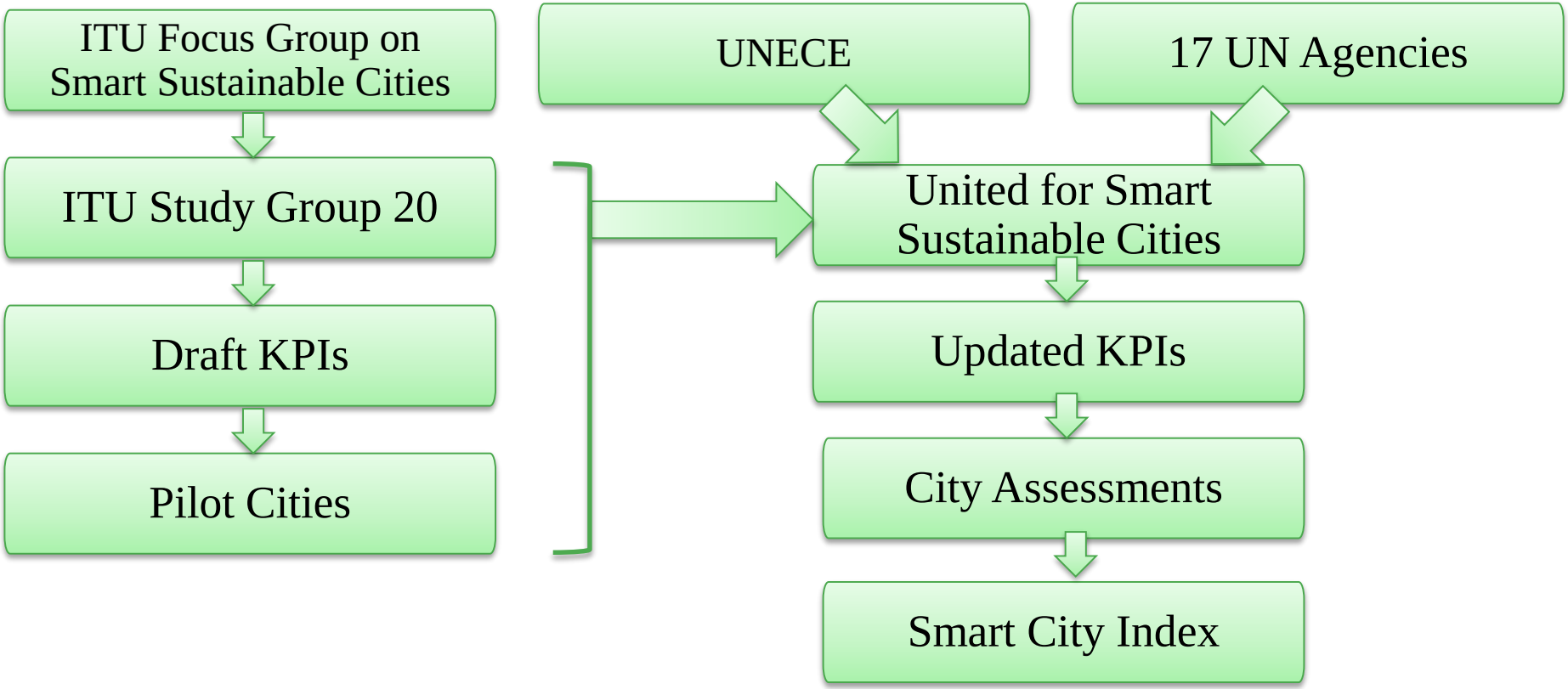
To be reported by all cities
Basic sustainability / smartness & SDGs

Advanced Indicators :

To be reported to show city performance to advanced levels of sustainability or smartness



KPI Process


ITU Focus Group on Smart Sustainable Cities
ITU Study Group 20
Draft KPIs
Pilot Cities
UNECE
17 UN Agencies
United for Smart Sustainable Cities
Updated KPIs
City Assessments
Smart City Index

Typical KPIs

Typical Core Indicators

Economy : Infrastructure

Proportion of city population with potable water supply

Environment : Air Quality

GHG Emissions

Typical Advanced Indicators

Economy : Roads

Percentage of major streets monitored by ICT

Society & Culture : Public Spaces, Nature & Biodiversity

Area of total public sports facilities

For more information contact:

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Thank You!