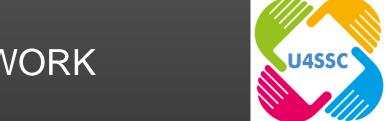# U4SSC – CITY SCIENCE APPLICATION FRAMEWORK

Dr. Okan Geray, Smart Dubai Office, UAE, U4SSC Management Team, ITU SG20 Rapporteur

CITY SCIENCE

- Aims to address and solve **urban challenges and problems,**

- Uses **data** extensively,

- Applies **scientific techniques and methods by using STI (Science, Technology & Innovation)**

FOUR STEP CITY SCIENCE APPLICATION FRAMEWORK

1. **Assess the Current City Science Applications Status**

   (Baselining)

2. **Prioritize & Determine City Science Applications**

3. **Boost   City Science Applications**

4. **Assess Projected City Science Applications Impact**

CITY SCIENCE ENABLERS

RAISING AWARENESS & KNOWLEDGE

STAKEHOLDER ENGAGEMENT & PARTICIPATION

POLICIES & STRATEGIES

CITY SCIENCE R&D PROGRAMS

CITY SCIENCE SKILLS

AWARDS, COMPETITIONS, CITY INITIATIVES   (CITY-AS-A-LAB)

CITY SCIENCE ENTREPRENEURSHIP & START-UP SUPPORT

COLLABORATION FOR URBAN SOLUTIONS (PPPs, CROSS-CITY, etc.)

CITY SCIENCE FINANCIAL INCENTIVES

RIO DE JANEIRO – CRIME PREDICTION

SMART DUBAI – CITY CONCIERGE

QUEENSLAND HYPERDOME – ENERGY SAVINGS

STUTTGART – FINE DUST FILTRATION

THANK YOU