U4SSC – GUIDELINES ON STRATEGIES FOR CIRCULAR CITIES

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

CIRCULAR POTENTIAL IN CITIES

		City Assets & Products								
		Buildings	**Public Spaces & Infr.**	**Digital Infr.**	**Natural Resources**	**Human Related & Owned Resources**	**Private Sector Assets**	**Waste**	**Mfctrd. Goods**	**Services**
Circular Action Items	Sharing									
	Recycling									
	Refurbishing									
	Reusing									
	Replacing									
	Digitizing									

FOUR STEP HIGH-LEVEL IMPLEMENTATION FRAMEWORK

1. **Assess Current Circularity (Baselining)**

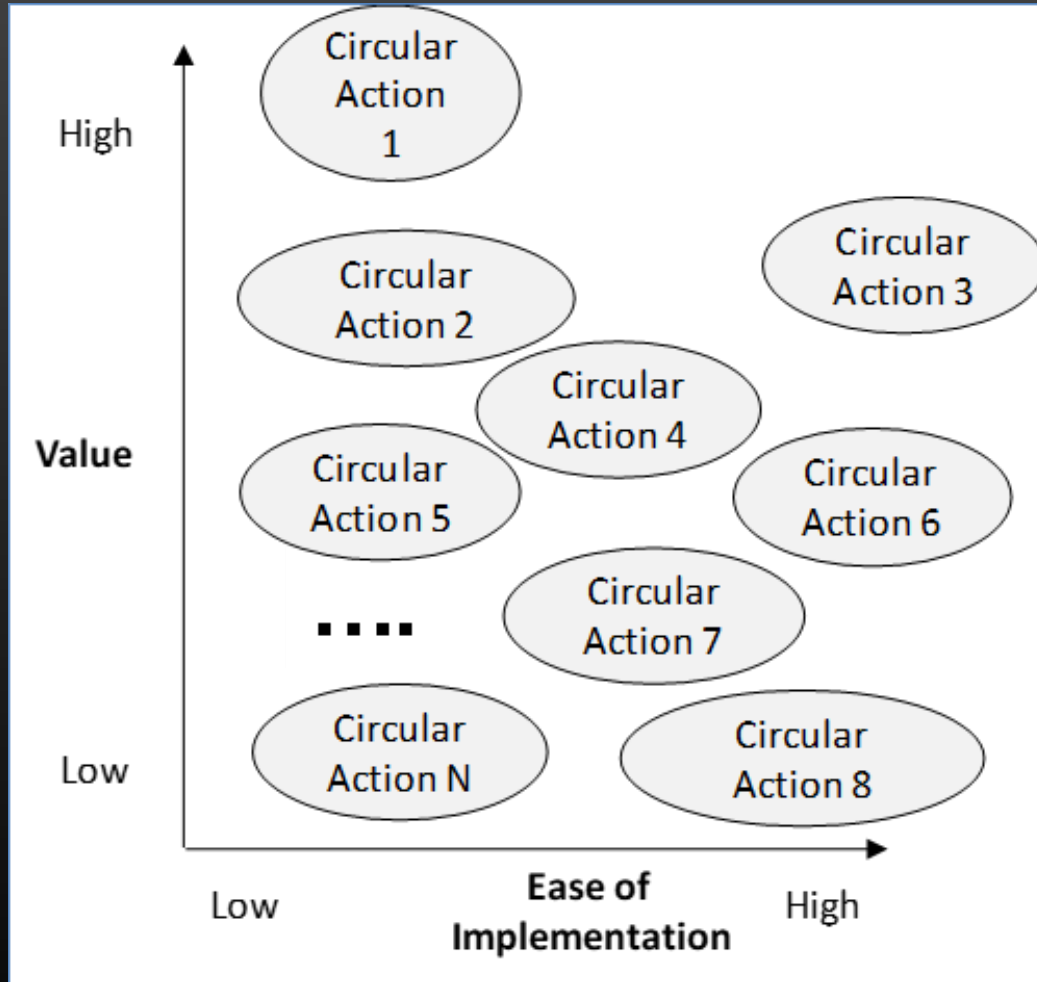   - **KPIs, Action Items, Enablers**

2. **Prioritize and Determine Future Circularity**

3. **Catalyze / Boost Circularity**

4. **Assess Projected Circularity Impact**

   - **Achievement of KPIs, Effectiveness of action items & enablers, Lessons Learnt**

Source: U4SSC "Guidelines on strategies for Circular Cities" – To be published in 2019

2. PRIORITIZE & DETERMINE FUTURE CIRCULARITY

3. CATALYZE / BOOST CIRCULARITY

- **Awareness & Skills Programs**
- **Strategies, policies, regulations, laws**
- **Procurement**
- **Financial incentives**
- **PPPs**
- **R&D Programmes**
- **Certifications**
- **Circular start-up & SME support**
- **Urban industrial symbiosis**

Source: U4SSC "Guidelines on strategies for Circular Cities" – To be published in 2019

SMART DUBAI – CIRCULAR ICT SERVICES & INFRASTRUCTURE

ROTI BANK - INDIA

5.4 AED SAVED
BY THE GOV'T

FOR EVERY 1 AED
SPENT BY SDG
2003 - 2015

ROTI BANK
Pl. Call To Donate Food
+91 86555 80001
www.rotibankindia.org

WOHNBUDDY - VIENNA

- 60+ ICT services used by 50+ entities

- $1.2billion saved in 12 years

Source: U4SSC case study in "Guidelines on strategies for Circular Cities" – To be published in 2019

SRI LANKA KIRINDA – WILD COAST TENTED LODGE

INDIA – USE OF PLASTIC WASTE IN ROAD CONSTRUCTION

TORONTO AND LONDON – THE LIBRARY OF THINGS

Source: U4SSC case study in "Guidelines on strategies for Circular Cities" – To be published in 2019

THANK YOU