

1B Sub-national Governance and Climate

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Kinshasa,
DRC

Objective: to share experiences, mechanisms and emerging practices towards leveraging the respective strengths of both subnational and national level governments and actors to advance inclusive green growth and low emission development more effectively at all levels.

Key outputs of Session 1B will include:

- Recommendations on new or additional support needed to improve Sub-national/ National collaborations on Green Growth and LED strategies.
- Identify examples of Sub-National/ National Green Growth collaboration in the Africa Region
- Identify specific opportunities for Sub-National/ National green growth collaboration.
- New participants in the LEDSP GP, SNI WG.

9:30 - 11:15 Moderated Panel Session. Q&A.

- ☐ **“Lessons from Forest Governance in Burkina Faso”** — Prof. Edouard Bonkounou, Centre for Training and Education in Environment and Sustainable Development (CFEDD) and PROFOR.
- ☐ **“Lessons from Urban Low Emission Development Strategies and GHG inventories in South Africa”** — Mr. Steven Bland, ICLEI - Africa.
- ☐ **“Devolved Governance and Climate Change”** — Dra. Alice Akinyi Kaudia, Environment Secretary, Republic of Kenya

11:30 -12:15 Part II: Roundtable Discussions

Circle 1: Best Practices and Training. Ms. Cecilia Njenga, UNEP

Circle 2: Financing Inclusive Green Growth. Mr. Harris Andoh, Exec. Director of the Rural Development and Youth Association of Ghana







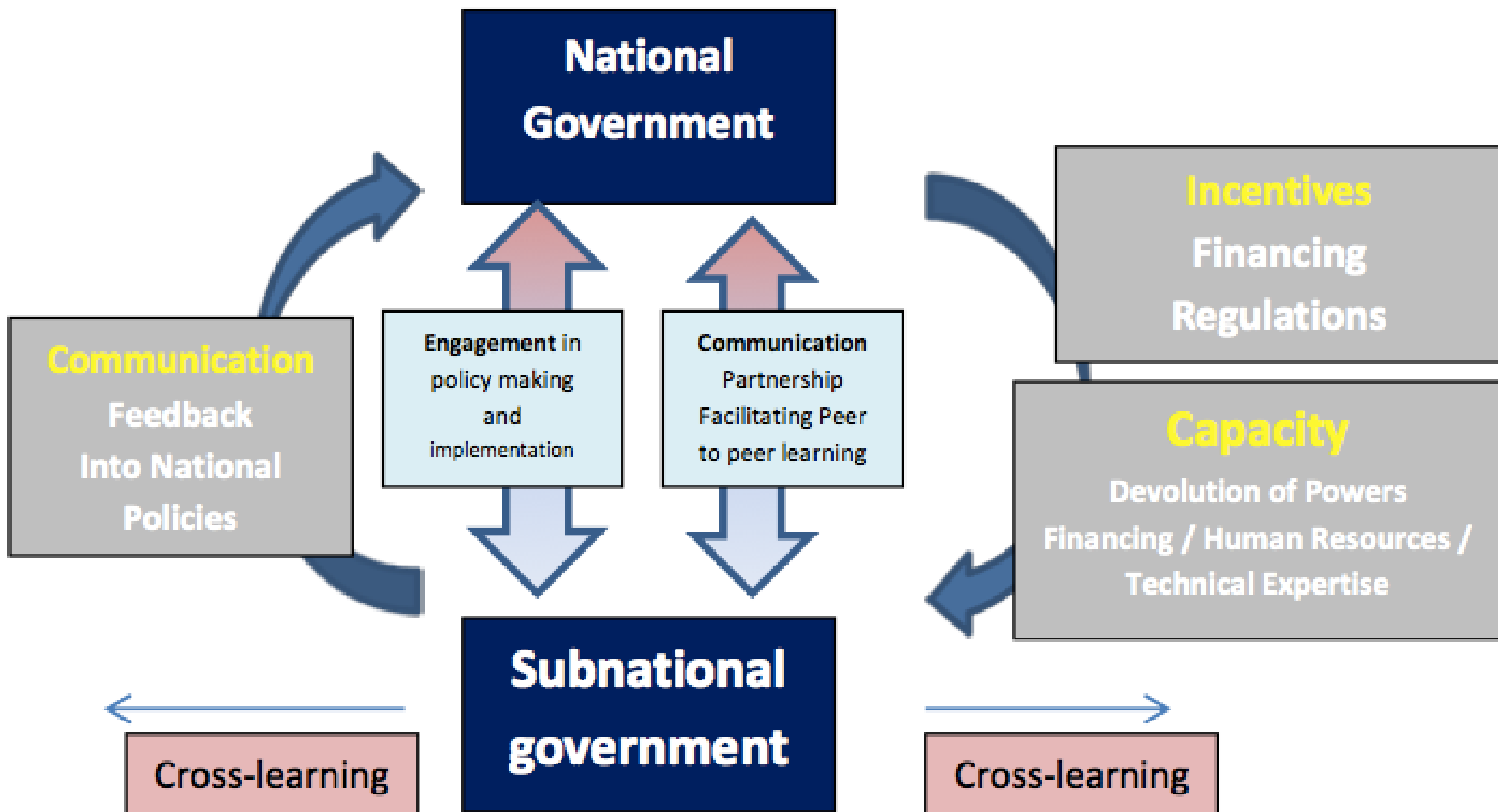
Sub-National Integration Working Group

Focus:

- Vertical collaboration between national and subnational LEDs and
- Cross-learning between separate subnational LEDs.

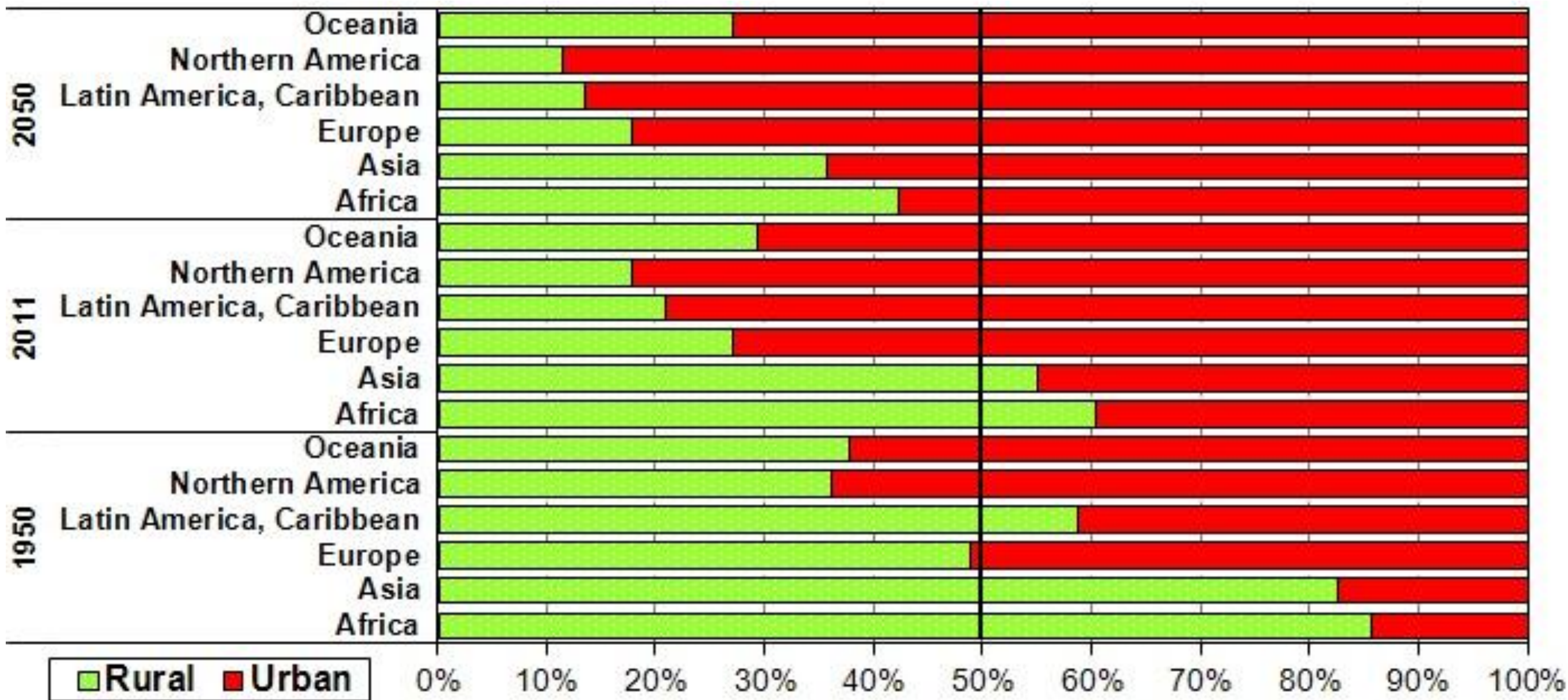
<http://ledsgp.org/planning/NationalSubnationalLEDs>

Sub-National Integration





Urban & Rural Populations (% of total pop.)

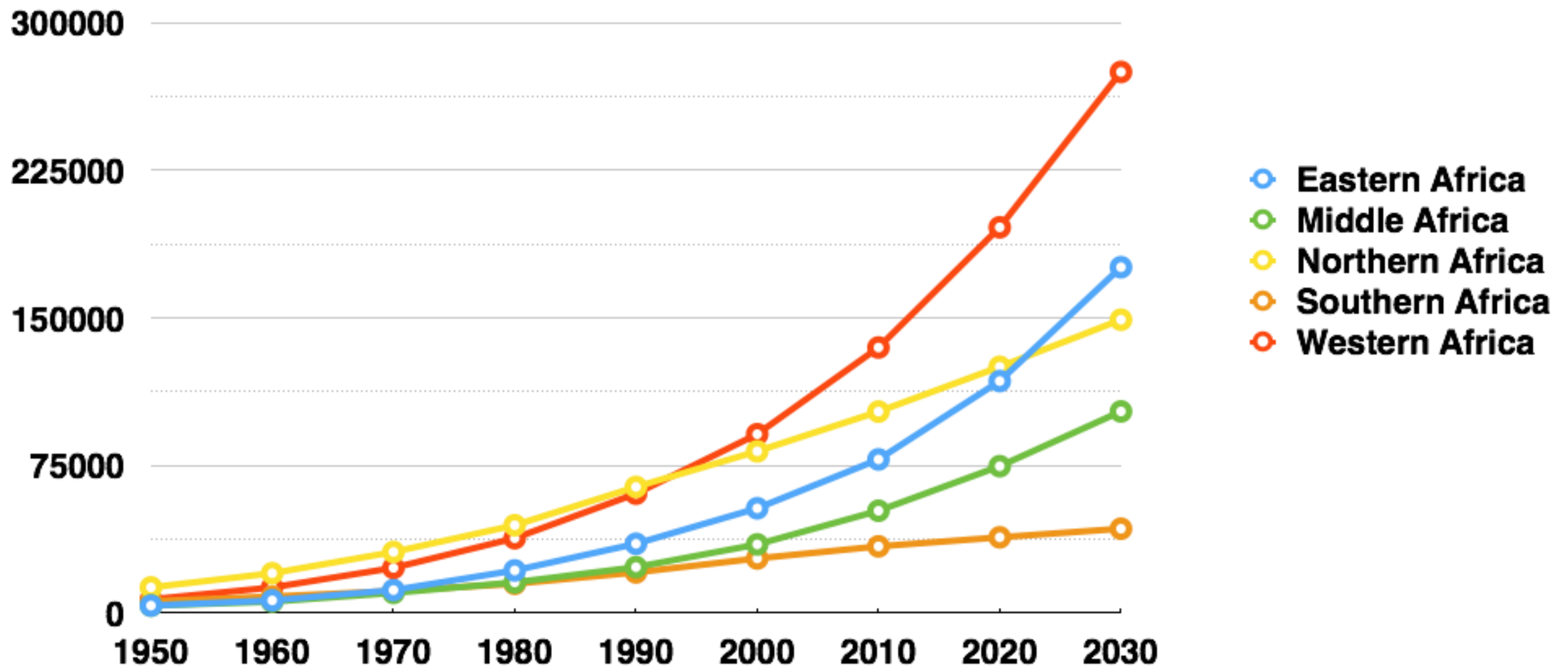


Urban Expansion

Total Urban Population (Thousands)

COUNTRY	1950	1960	1970	1980	1990	2000	2010	2020	2030
Africa	33,004	53,310	86,568	134,220	203,383	288,402	400,651	551,552	744,485
Eastern Africa	3,685	6,328	11,548	21,553	35,104	53,124	77,954	117,761	175,620
Middle Africa	3,657	5,678	10,131	15,476	23,222	34,775	51,861	74,510	102,336
Northern Africa	12,935	20,129	30,925	44,511	63,969	82,079	102,249	125,000	148,941
Southern Africa	5,869	8,277	11,119	14,756	20,544	27,647	33,778	38,372	42,747
Western Africa	6,857	12,897	22,845	37,923	60,544	90,777	134,810	195,879	274,819

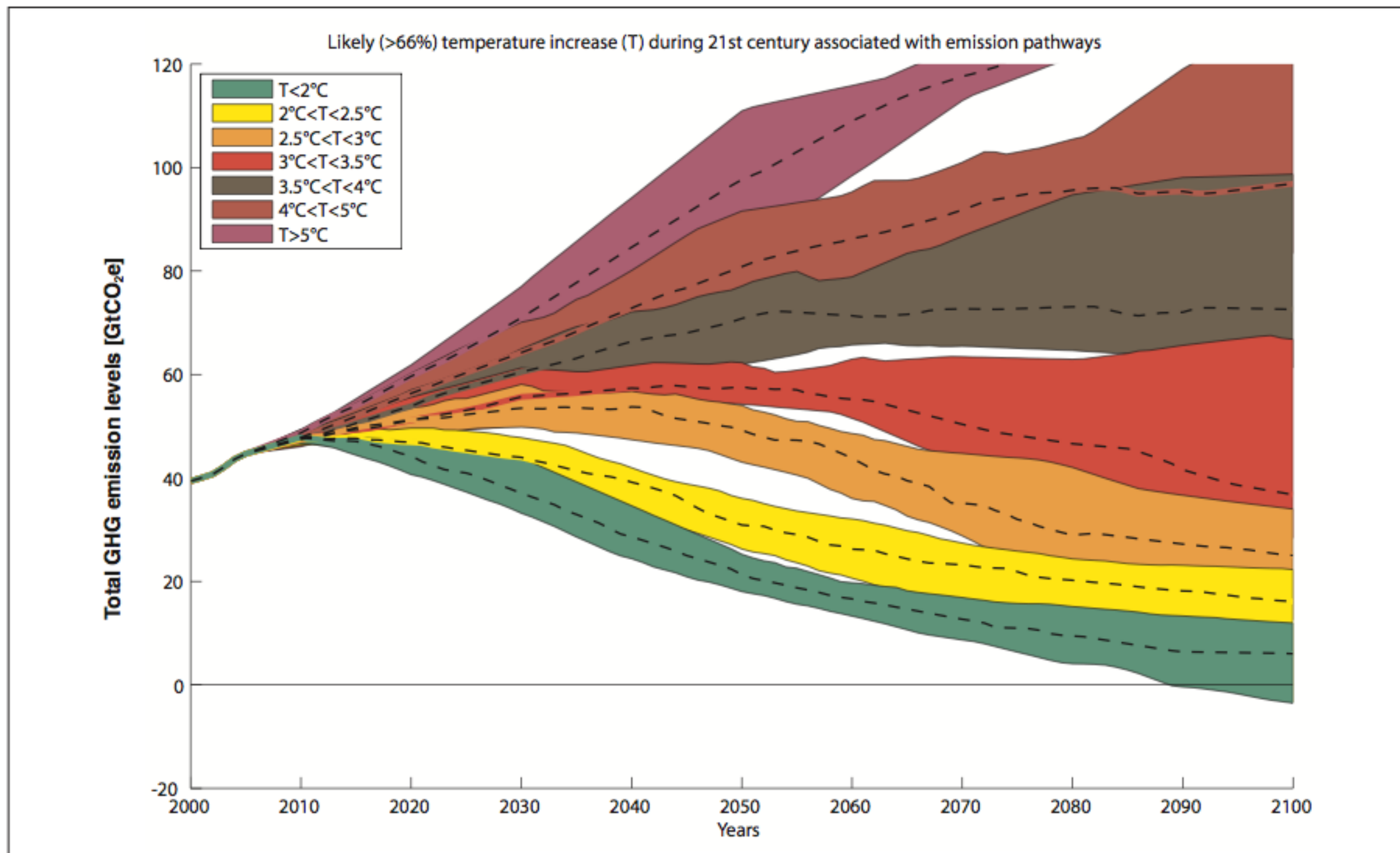
Urban Populations (thousands)





What does a 2° C Stabilization Mean for Cities?

Range of Emission Pathways limiting Global temperature increases



The coloured ranges show the 20 to 80 percentile ranges of the sets of emission pathways, assessed by Integrated Assessment Model, that have approximately the same “likely” avoided temperature increase in the 21st century. Dashed lines show the median transient emission pathways for each temperature level.

Source: UNEP 2012.



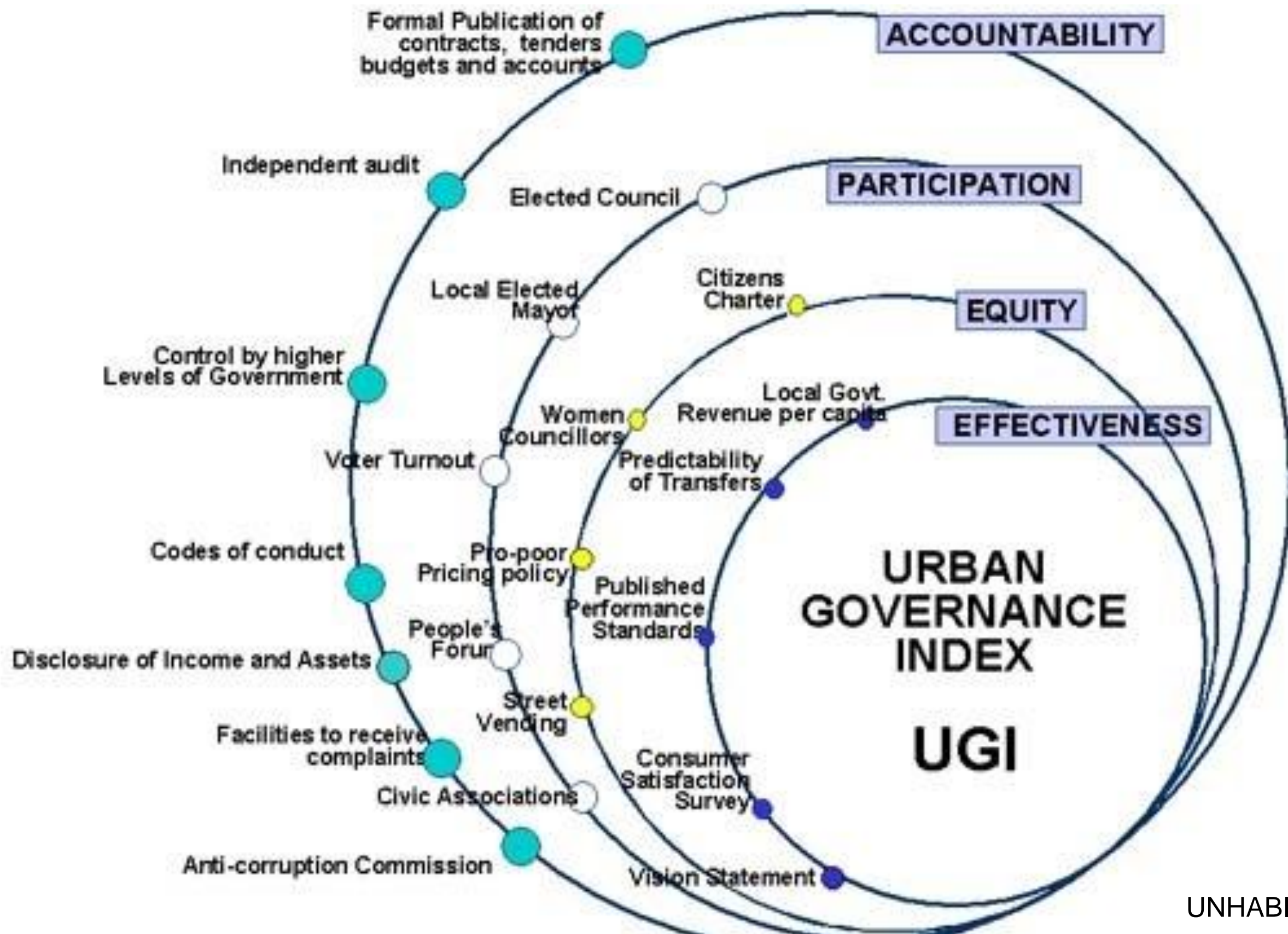








Governance



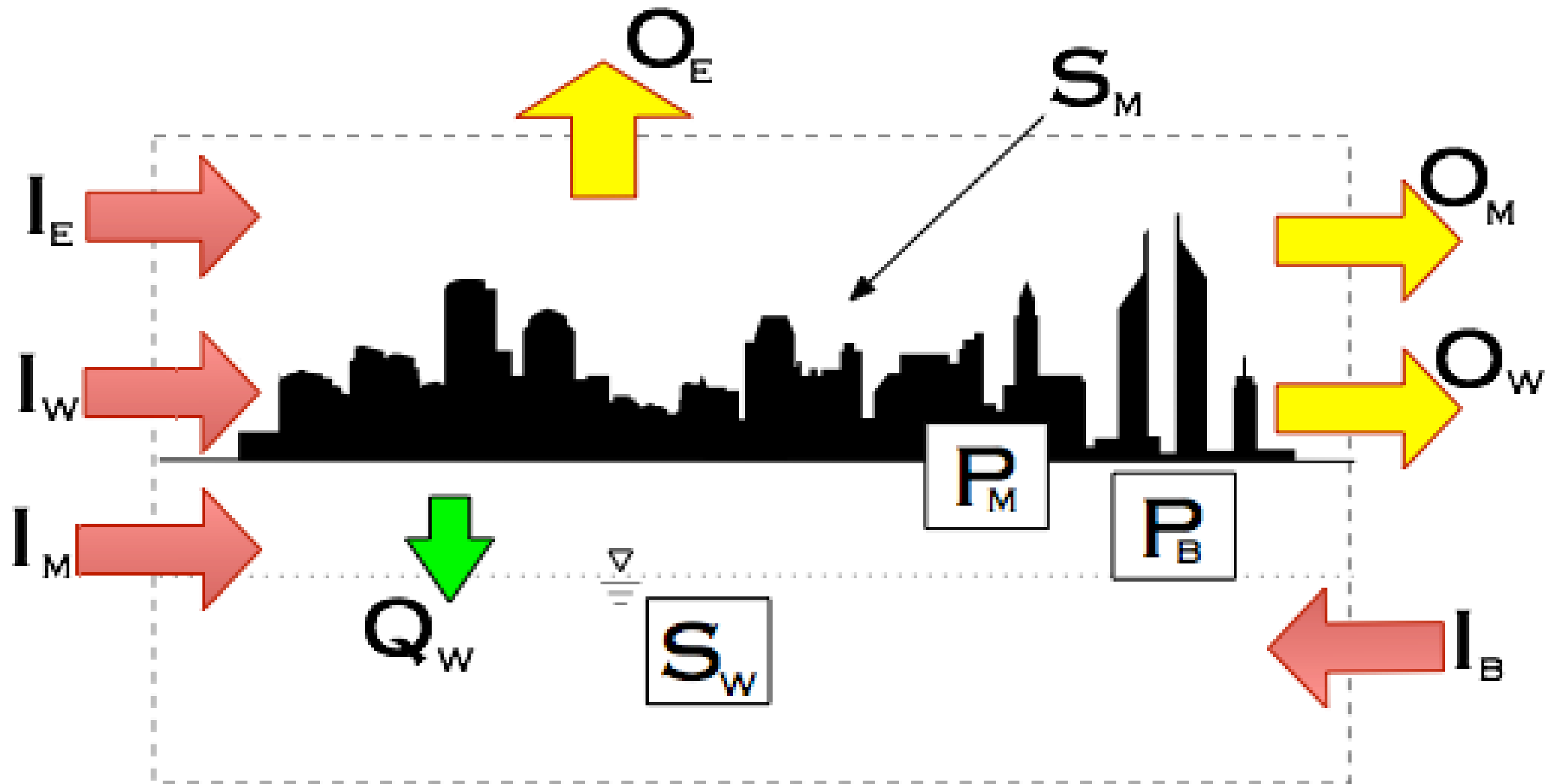


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Urban Metabolism

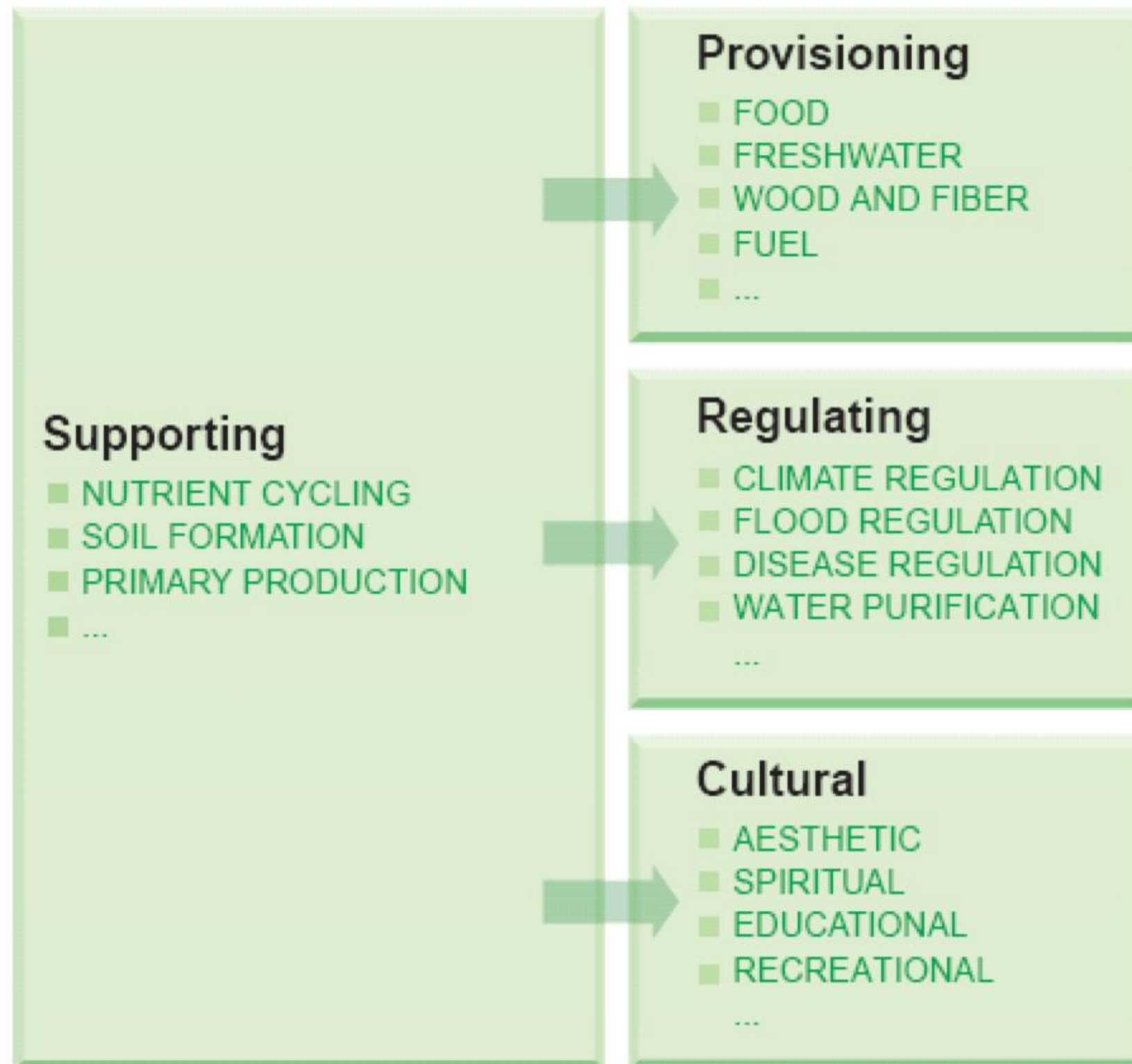


I - inflows
O - outflows
Q - internal flows
S - storage
P - production

B - biomass
M - minerals
W - water
E - energy

The Benefits People Obtain from Ecosystems

ECOSYSTEM SERVICES

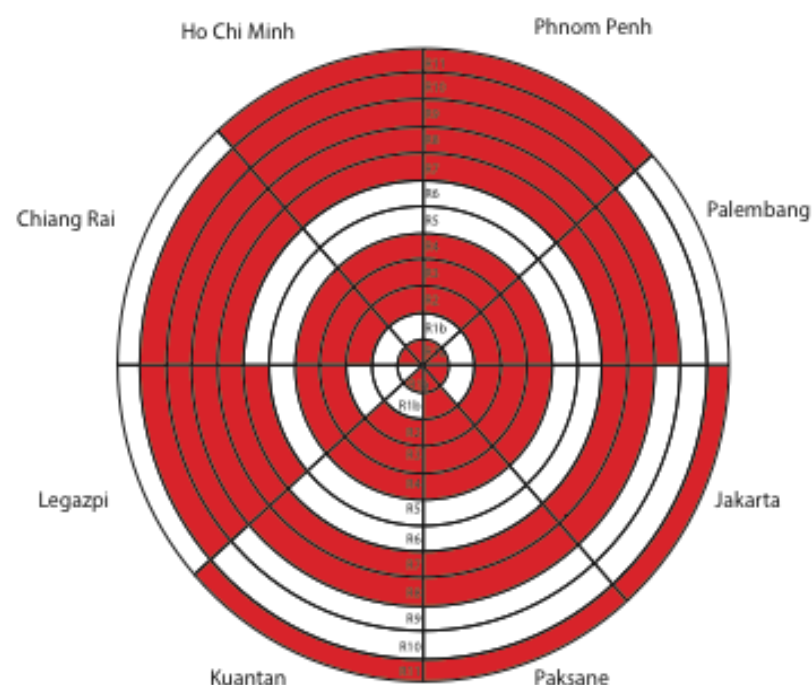


39 Urban Ecosystem Services

Priority Urban Ecosystem Services identified by participants at the ASEAN Climate Leadership Academy, Aug 2013

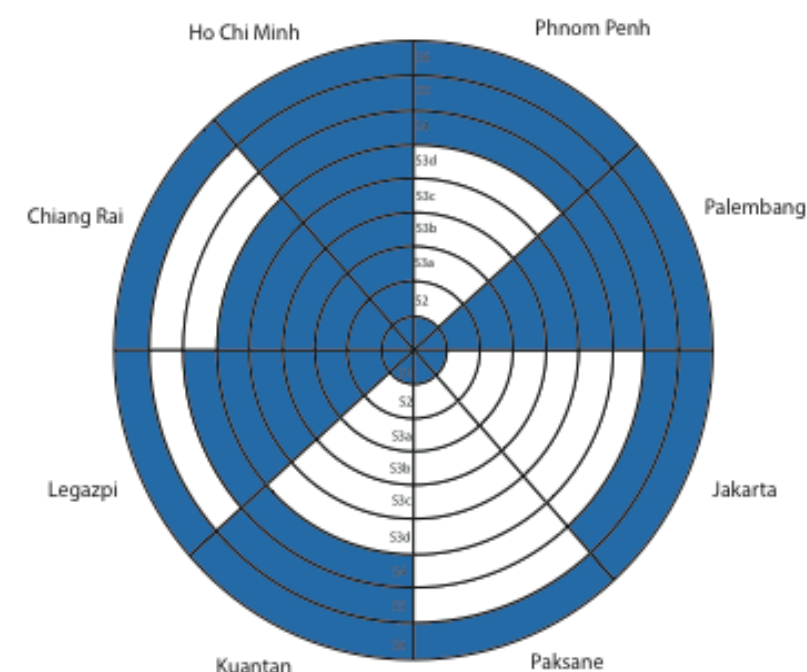
Priority Urban Ecosystem Services identified by participants at the ASEAN Climate Leadership Academy, Aug 2013

Regulating Services	
R1a	Climate regulation –
R1b	Climate regulation – global
R2	Air quality regulation
R3	Water purification and Waste Treatment
R4	Water regulation
R5	Disease regulation
R6	Pest regulation
R7	Natural hazard regulation
R8	Erosion regulation – soil retention
R9	Pollination (MA 2005)
R10	Seed dispersal (Daily 1997)
R11	Noise regulation



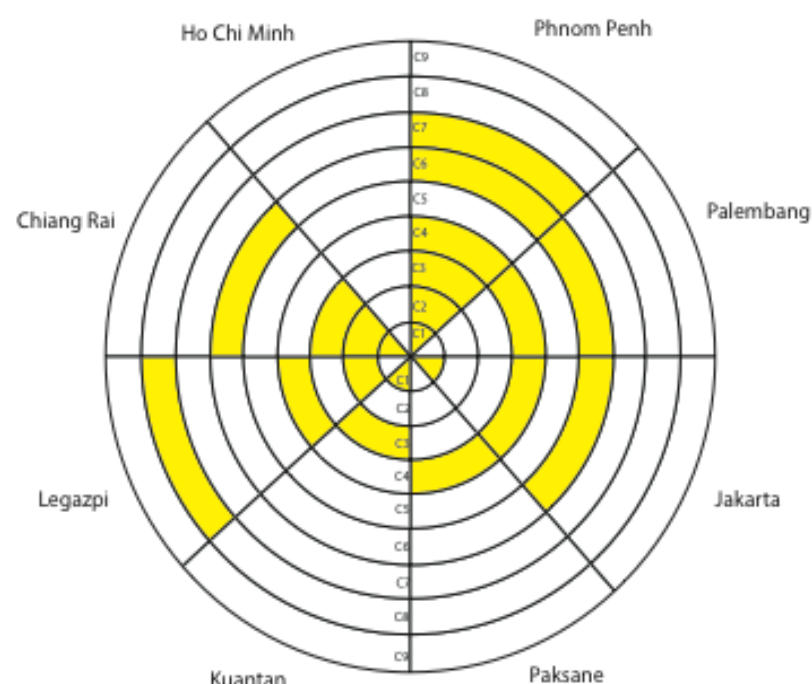
Regulating Services

Supporting Services	
S1	Water cycling
S2	Soil Formation
S3a	Nutrient cycling – carbon cycle
S3b	Nutrient cycling – nitrogen cycle
S3c	Nutrient cycling – sulfur cycle
S3d	Nutrient cycling – phosphorus cycle
S4	Primary production (of the biosphere)
S5	Photosynthesis
S6	Biodiversity



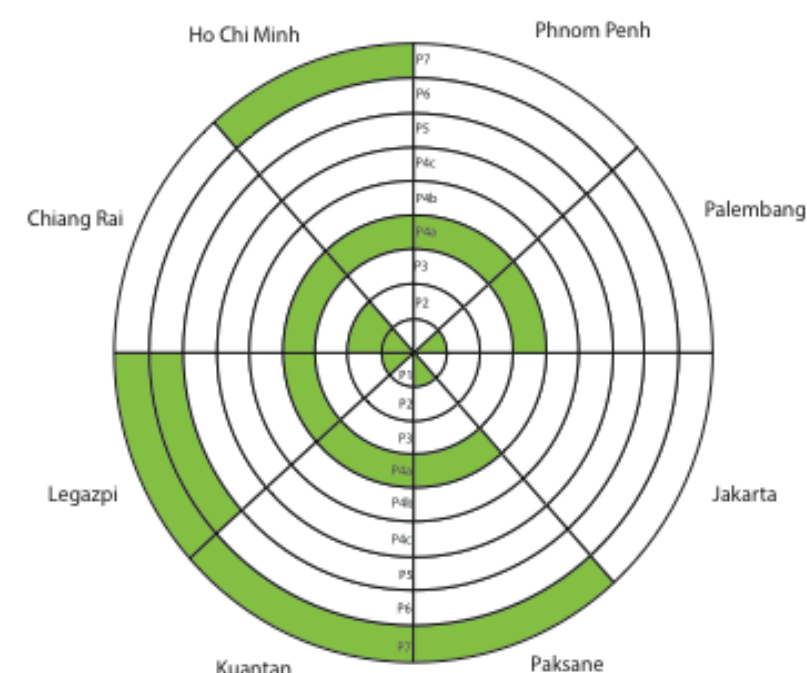
Supporting Services

Cultural Services	
C1	Social relations
C2	Cultural heritage values
C3	Sense of place
C4	Aesthetic
C5	Inspirational
C6	Recreation and ecotourism
C7	Educational and knowledge
C8	Health
C9	Spiritual and religious values



Cultural Services

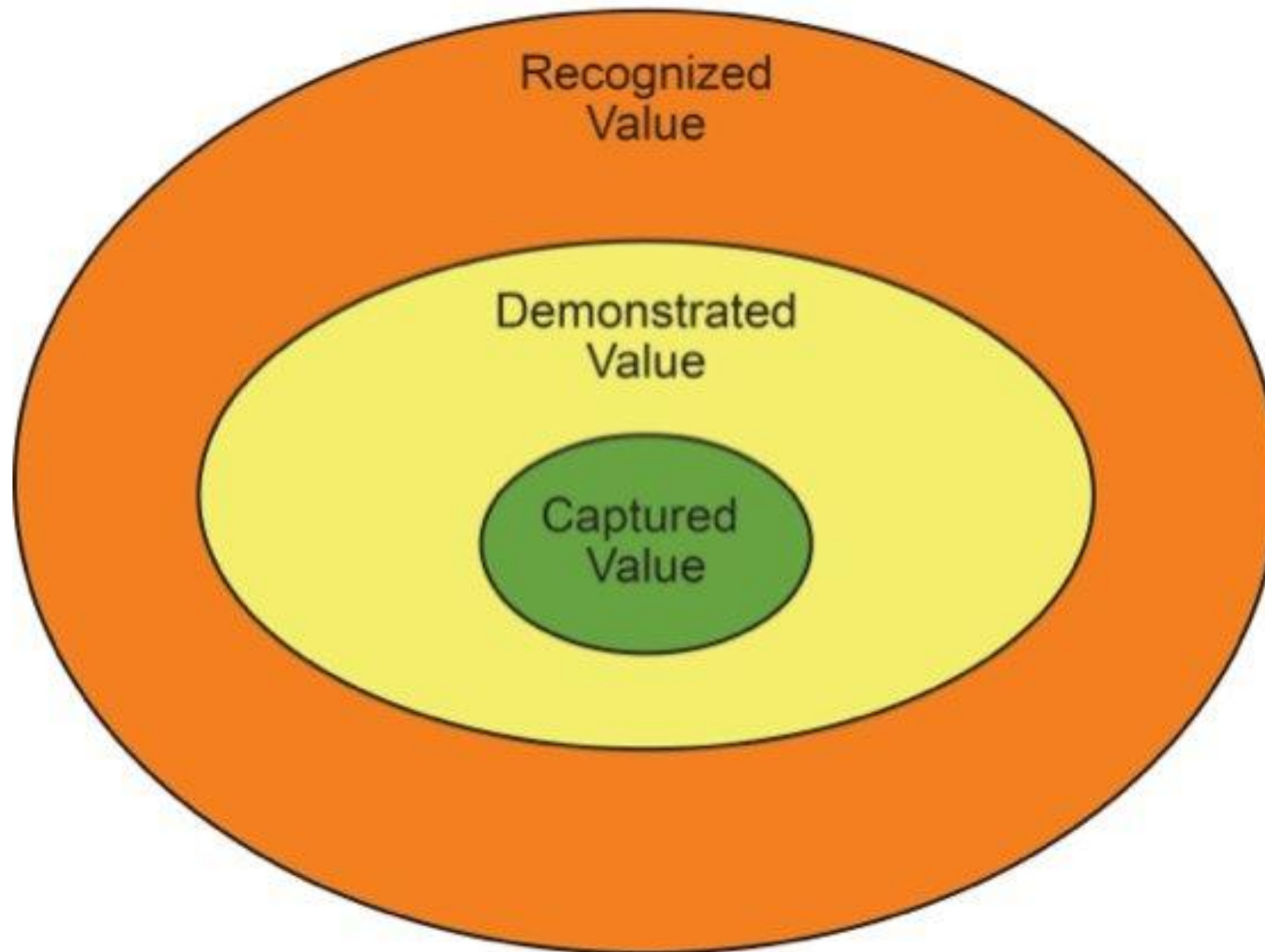
Provisioning Services	
P1	Food - agriculture
P2	Food - capture fisheries
P3	Food - wild
P4a	Fresh water
P4b	Water - energy
P4c	Water - transportation
P5	Biochemicals and genetic
P6	Fiber
P7	Fuel



Provisioning Services

Valorizing Urban Ecosystem Services

Unrecognized Value





Sub-National Integration Working Group

<http://ledsgp.org/planning/NationalSubnationalLEDS>

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