



**Sustainable
Development Goals
& Implementing the New Urban
Agenda**

Smart City Days, Vienna
01 March 2018

UN-Habitat: The United Nations Human Settlements Programme



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The Context: Global Conversation

World Urban Population:

// Habitat I 1976: 37.9%

// Habitat II 1996: 45.1%

// Habitat III 2016: 54.5%

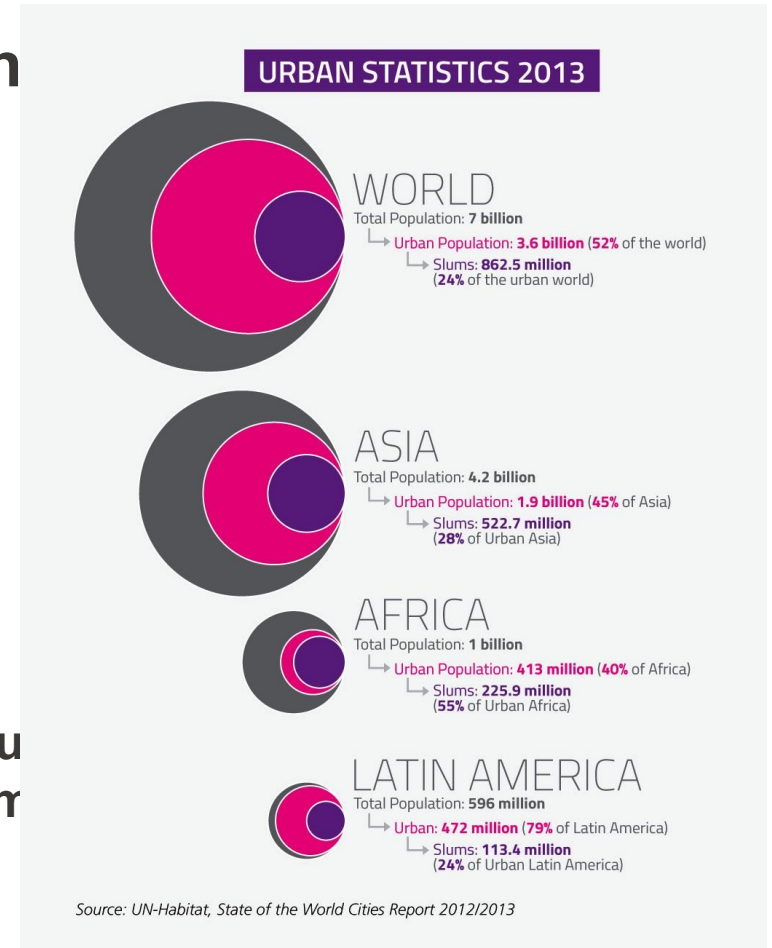
// 2050: approx. 70%

Urban Facts:

// 1 out of 4 people living in urban areas lives in slums

// 1 out of 2 people living in urban areas in Africa lives in slum

// 1 out of 3 people living in urban areas in Asia lives in slum



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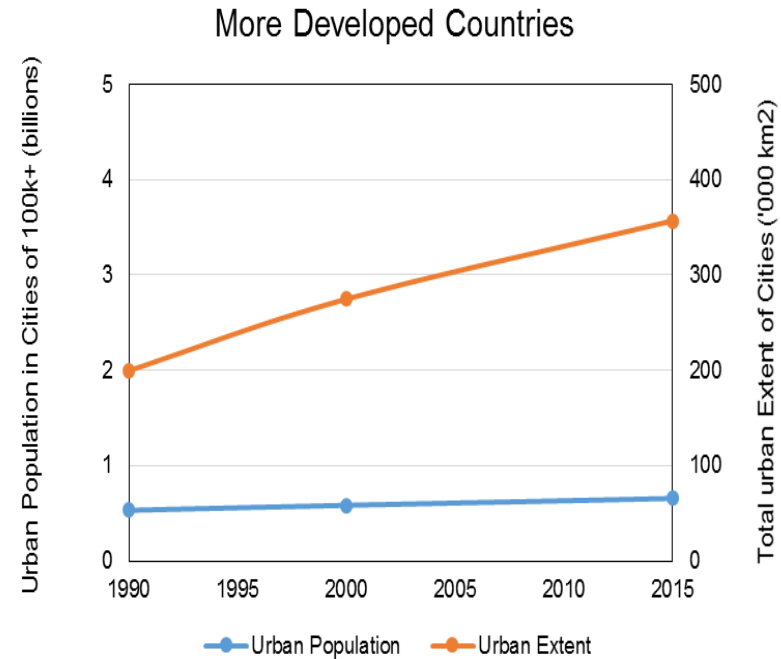
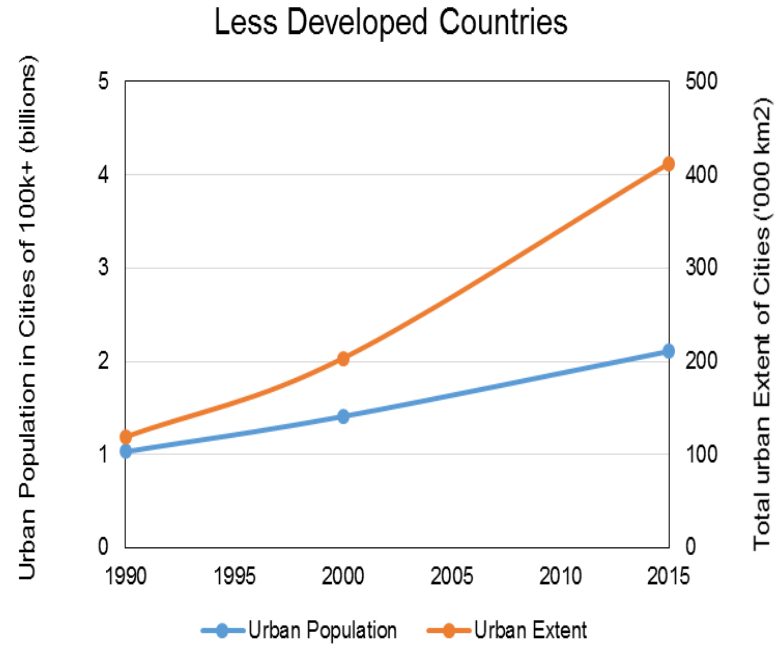


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The Context: Global trends

Urban Extent Growth vs. Urban Population Growth



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The Context: Global trends

Strict zoning vs. mixed-use



Le Corbusier, “Towers in the Park”



Kin Ming Estate, Hongkong, completed in 2003

Pictures: CC BY-SA 2.5 Wikipedia

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Agenda 2030

In September 2015, the United Nations General Assembly adopted the Agenda 2030, which will guide world development for the next 15 years.

// Goal 11 “Making cities and human settlements inclusive, safe, resilient and sustainable”

// Urbanisation as a cross-cutting issue in the SDG’s

// The New Urban Agenda builds on, is aligned and coherent to the objectives of the 2030 Agenda



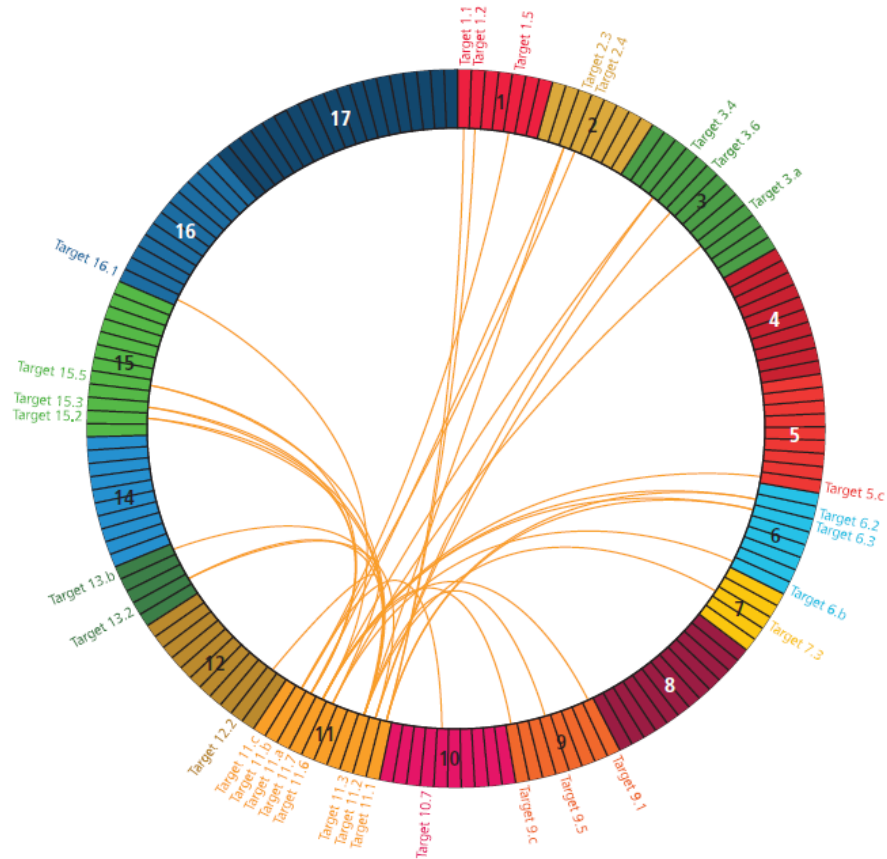
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THE IMPACT OF SDG 11 ON OTHER GOALS



SDG 11

11.1

By 2030, ensure access for all to adequate, safe and **affordable housing** and basic services and **upgrade slums**

11.2

By 2030, provide access to safe, affordable, accessible and sustainable transport systems for all, improving **road safety**, notably by expanding **public transport**...

11.3

By 2030, enhance inclusive and sustainable urbanization and capacity for participatory, integrated and sustainable **human settlement planning** and management...

11.4

Strengthen efforts to protect and safeguard the world's **cultural and natural heritage**

11.5

By 2030, significantly reduce the number of deaths and the number of people affected and substantially decrease the direct economic losses relative to global gross domestic product caused by disasters, including water-related disasters, with a focus on protecting the poor...

11.6

By 2030, reduce the adverse per capita environmental impact of cities, including by paying special attention to **air quality** and municipal and other **waste management**

11.7

By 2030, provide universal access to safe, inclusive and accessible green and **public spaces**, in particular for women and children, older persons and persons with disabilities

11.a

Support positive economic, social and environmental links between urban, peri-urban and rural areas by strengthening **national and regional development planning**

11.b

By 2020, substantially increase the number of cities...adopting and implementing integrated policies and plans towards inclusion, resource efficiency, mitigation...**adaptation to climate change, resilience to disasters**, and...disaster risk management...

11.c

Support least developed countries, including through financial and technical assistance, in building sustainable and resilient buildings utilizing local materials

OTHER URBANIZATION-CRITICAL TARGETS

SDG 1

1.4: ...ensure that all...have equal rights to economic resources [and] **access to basic services**...

1.5: ...build the **resilience of the poor**...and reduce their exposure and vulnerability to climate-related extreme events and other...shocks and disasters.

SDG 2

2.a: Increase investment...in **rural infrastructure**, agricultural research and extension services, technology development, and plant and livestock gene banks...

SDG 5

5.2: Eliminate all forms of **violence against...women** and girls in public and private spheres...

SDG 6

6.1: ...achieve universal and equitable access to **safe and affordable drinking water** for all.

6.2: ...achieve access to adequate and equitable **sanitation and hygiene** for all

SDG 7

7.3: Double the global rate of improvement in **energy efficiency**...

SDG 8

8.3: Promote...policies that support productive activities, decent job creation, entrepreneurship, **creativity and innovation**, and encourage formalization and growth of SMEs

8.5: ...achieve full and productive **employment and decent work** for all...

SDG 9

9.1: Develop...reliable, sustainable and **resilient infrastructure**...to support economic development and human well-being

SDG 12

12.5: ...substantially **reduce waste** generation...

SDG 13

13.1: **Strengthen resilience** and adaptive capacity to climate-related hazards

SDG 16

16.7: Ensure responsive, inclusive, **participatory and representative decision-making**...

16.a: Strengthen relevant national institutions...to **prevent violence** and combat terrorism and crime.

Paris Agreement on Climate Change

In December 2015, at the COP21 Climate Change Summit in Paris, the United Nations Member States adopted ambitious goals to curb greenhouse gas emissions

// Cities action arm to reach sustainable development

// Strong presence of local and regional Governments
(#Cities4Climate)



COP21-CMP11
PARIS 2015
UN CLIMATE CHANGE CONFERENCE

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The New Urban Agenda

In October 2016, at the Habitat III conference, the United Nations adopted the New Urban Agenda

Debates:

**// Strong role of Local and Regional Governments.
Highest participation of stakeholders and subnational
Governments in history of UN conferences**

// Right to the city: Access to urban life



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The New Urban Agenda

// Urbanization as a tool and engine for development

// Positive notion of the city

// The open, porous city

// Action oriented & universal

// Strengthened global commitment to sustainable urban development

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66. We commit ourselves to adopting a **smart-city** approach that makes use of opportunities from digitalization, clean energy and technologies, as well as innovative transport technologies, thus providing options for inhabitants to make more environmentally friendly choices and boost sustainable economic growth, and enabling cities to improve their service delivery.

121. We will ensure universal access to affordable, reliable and modern energy services by promoting energy efficiency and sustainable renewable energy...We will also prioritize **smart-grid**, district energy systems and community energy plans to improve synergies between renewable energy and energy efficiency.

157. We will support science, research and innovation, including a focus on social, **technological, digital** and nature-based innovation, robust science-policy interfaces in urban and territorial planning and policy formulation and institutionalized mechanisms for sharing and exchanging information, knowledge and expertise

160. We will foster the creation, promotion and enhancement of open, user-friendly and participatory data platforms using **technological and social tools available to transfer and share knowledge** among national, subnational and local governments and relevant stakeholders

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BLOCK BY BLOCK

Mojang/Microsoft partnership using Minecraft

Engages young people in the design of urban public space projects

Participatory planning workshops are held with local youth

They provide input into the design and eventual implementation and management of spaces

Community participation workshops have been held in Kenya, Haiti, Mexico, Nigeria, Somalia, Peru, Nepal, Philippines and Bangladesh.



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Tlaxcoaque, Mexico City



Mumbai

© Block by Block



RESULTS:

// Different outcomes other than you would expect

// Genuinely addresses needs

// A tailored solution

// Community buy in

// Also may bring out the local issues and concerns

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17 PARTNERSHIPS FOR THE GOALS



People, Planet,
Prosperity, Peace and
Partnerships

A successful sustainable development agenda requires partnerships between governments, the private sector and civil society. These inclusive partnerships built upon principles and values, a shared vision, and shared goals that place people and the planet at the centre, are needed at the global, regional, national and local level.



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#NewUrbanAgenda

#cities2030

#cities4all

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Thank you

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