

VIENTIANE INTERNATIONAL MAYORS FORUM

15 MARCH 2017

INTEGRATED PLANNING FOR SUSTAINABLE URBAN DEVELOPMENT: LOCALIZING THE SDGS, ADDRESSING THE NEW URBAN AGENDA

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“OUR STRUGGLE FOR GLOBAL SUSTAINABILITY WILL BE WON OR LOST IN CITIES” – SECRETARY GENERAL BAN KI-MOON



THE STATE OF CITIES

- Cities generate 80% of global GDP
- 70% of global energy consumption and carbon emissions
- Climate risks
- Crime and violence
- Poverty, unemployment and socio-economic disparities

CITIES ARE TRANSFORMATIVE: BUSINESS, TECH INNOVATION,
HIGH-DENSITY HABITATION, EFFICIENT LAND USE
****HIGH IMPACT INVESTMENTS TO BUILD RESILIENCE, EQUALITY****



WHY SDGS IN CITIES?

- **URBANIZATION:** 66% of the global population by 2050
- **SDG #11 AND BEYOND:** 17/17 goals, 90/169 targets, 60/231 indicators
- **LOCALIZATION:** Plans, consultations and data can be more tailored
- **LOCAL-NATIONAL:** Connect with national, e.g. Voluntary National Reviews
- **GLOBAL:** Combine with Paris Agreement and New Urban Agenda

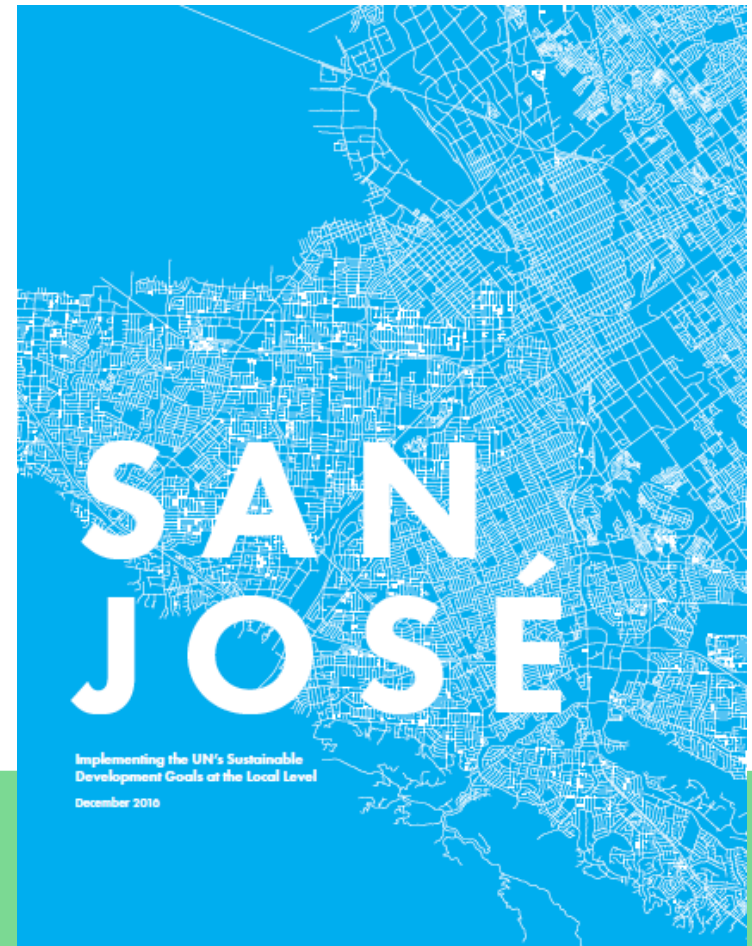
AS MUCH AS 65% OF THE SDG AGENDA MAY NOT BE FULLY ACHIEVED WITHOUT THE INVOLVEMENT OF URBAN AND LOCAL ACTORS



SUSTAINABLE CITIES INITIATIVE

- FIRST PHASE OF PILOT CITIES
- GENERAL GUIDANCE AND TOOLS
- NEXT STEPS, NEXT CITIES

<http://unsdsn.org/what-we-do/solution-initiatives/usa-sustainable-cities-initiative-usa-sci/>



WHAT HAVE WE LEARNED ABOUT LOCALIZING THE SDGS IN CITIES?

1. ALIGNMENT
 2. ENGAGEMENT
 3. MEASUREMENT
- 



THE BALTIMORE GOALS

For Sustainable Development

<p>1 NO POVERTY in <i>Baltimore</i></p>	<p>2 ZERO HUNGER in <i>Baltimore</i></p>	<p>3 GOOD HEALTH AND WELL-BEING in <i>Baltimore</i></p>	<p>4 QUALITY EDUCATION in <i>Baltimore</i></p>	<p>5 GENDER EQUALITY in <i>Baltimore</i></p>	<p>6 CLEAN WATER AND SANITATION in <i>Baltimore</i></p>
<p>7 AFFORDABLE AND CLEAN ENERGY in <i>Baltimore</i></p>	<p>8 DECENT WORK AND ECONOMIC GROWTH in <i>Baltimore</i></p>	<p>9 INDUSTRY, INNOVATION AND INFRASTRUCTURE in <i>Baltimore</i></p>	<p>10 REDUCED INEQUALITIES in <i>Baltimore</i></p>	<p>11 SUSTAINABLE CITIES AND COMMUNITIES in <i>Baltimore</i></p>	<p>12 RESPONSIBLE CONSUMPTION AND PRODUCTION in <i>Baltimore</i></p>
<p>13 CLIMATE ACTION in <i>Baltimore</i></p>	<p>14 LIFE BELOW WATER in <i>Baltimore</i></p>	<p>15 LIFE ON LAND in <i>Baltimore</i></p>	<p>16 PEACE AND JUSTICE STRONG INSTITUTIONS in <i>Baltimore</i></p>	<p>17 PARTNERSHIPS FOR THE GOALS in <i>Baltimore</i></p>	

ALIGNMENT

ACTIVITY: EX ANTE OR REAL-TIME ASSESSMENT TO DETERMINE SUCCESSES AND GAPS IN SDG ALIGNMENT TO IMPROVE ON WHAT IS BEING DONE

- ✓ Determine steps for improving strategies and plans
- ✓ Integrate with other global agendas (New Urban Agenda, Paris Agreement)
- ✓ Coordinate across financing and donor activities

TOOLS: START WITH REVIEW OF CURRENT STRATEGIES AND PLANS

- One-to-One SDG Mapping

ALIGNMENT

	SDG (IAEG- Green)	One NYC	Data Source	Frequency	Level of Disag.	
Goal 1: End Poverty	Target 1.1: By 2030, eradicate extreme poverty for all people everywhere, currently measured as people living on less than \$1.25 a day.	Proposed Indicator 1: Proportion of population below international poverty line disaggregated by sex and age group and employment status (or: Proportion of employed people	Lift 800,000 New Yorkers out of poverty or near poverty by 2025	Increase median household income from \$52,250	http://www.nyc.gov/html/ceo/html/poverty/lookup.shtml	Intermittent Community Boundary
	Target 1.2: By 2030, reduce at least by half the proportion of men, women and children of all ages living in poverty in all its dimensions according to national definitions.	Proposed Indicator 1: Proportion of population living below national poverty line, disaggregated by sex and age group. Proposed Indicator 2: Proportion of men, women and children			Data is currently available in disaggregated form.	
	Target 1.3: Implement nationally appropriate social protection systems and measures for all, including floors, and by 2030, achieve substantial coverage of the poor and the vulnerable.	Proposed Indicator 1: Percentage of the population covered by social protection floors/systems, disaggregated by sex, and distinguishing children, unemployed, old age, people with disabilities, pregnant women/new-borns, work injury victims, poor and vulnerable.			NYC Mayor's Office, Department of Economic Service	Monthly City Level
	Target 1.a: Implement nationally appropriate social protection systems and measures for all, including floors, and by 2030, achieve substantial coverage of the poor and the vulnerable.	Proposed Indicator 1: Percentage of resources allocated by the government directly to poverty reduction programmes.			NYC Mayor's Office http://www.nyc.gov/html/records/pdf/govpub/OMB%202015%20Exec%20Budget%20Summary.pdf	Annual City Level
		Proposed indicator 2: Spending on essential services (education, health and social protection) as % of total			NYC Mayor's Office http://www.nyc.gov/html/records/pdf/govpub/OMB%202015%20Exec%20Budget%20Summary.pdf	Annual City Level
Goal 2: End Hunger, Achieve Food Security and Improved Nutrition, and Promote Sustainable Agriculture	Target 2.1: By 2030, end hunger and ensure access by all people, in particular the poor and people in vulnerable situations, including infants, to safe, nutritious and sufficient food all year round	Proposed Indicator 1: Prevalence of Undernourishment.	Increase the average number of servings of fruits and vegetables that adult New Yorkers eat per day by 25 percent, from 2.4 to 3 servings.		Community health survey	
		Proposed Indicator 2: Prevalence of population with moderate or severe food insecurity, based on the Food Insecurity Experience Scale (FIES).			http://www.nyc.gov/html/about/security.shtml	Annual City Level
	Target 2.2: By 2030, end all forms of malnutrition, including achieving, by 2025, the internationally agreed targets on stunting and wasting in children under 5 years of age, and address the nutritional needs of adolescent girls, pregnant and lactating women and older persons.	Proposed Indicator 1: Prevalence of Stunting (height for age < 2 SD from the median of the WHO Child Growth Standards) among children under five years of age.				
		Proposed Indicator 2: Prevalence of wasting				
	Target 2.3: By 2030, double the agricultural productivity and incomes of small-scale food producers, in particular women, indigenous peoples, family farmers, pastoralists and fishers, including through secure and equal access to land, other productive resources and inputs, knowledge, financial services, markets and opportunities for value addition and non-farm employment.	Proposed Indicator 1: Volume of production per labour unit (measured in constant USD), by classes of farming/pastoral/forestry enterprise size.				
	Target 2.4: By 2030, ensure sustainable food production systems and implement resilient agricultural practices that increase productivity and production, that help maintain ecosystems, that strengthen capacity for adaptation to climate change, extreme weather, drought, flooding and other disasters and that progressively improve land and soil quality.	Proposed Indicator 1: Percentage of agricultural area under sustainable agricultural practices.				
		Proposed Indicator 2: Percent of agricultural households using irrigation systems compared to all agricultural households				
Proposed indicator 3: Percent of agricultural households using eco-friendly fertilizers compared to all agricultural households using fertilizers.						
Target 2.b: Correct and prevent trade restrictions and	Proposed Indicator 1: Percent change in Import and Export					

ENGAGEMENT

ACTIVITY: ONGOING CONSULTATIONS WITH WIDE RANGE OF STAKEHOLDERS THAT PROMOTE INCLUSION AND BUY-IN – AND GROW THE SOCIAL CONTRACT


- ✓ Build knowledge of SDGs
- ✓ Define public priorities/vision
- ✓ Map out entry points to collaborate with initiatives
- ✓ Identify champions for SDG implementation
- ✓ Build & utilize capacity for design and implementation

TOOLS: START WITH COMMUNICATIONS ASSESSMENT TO DETERMINE FEASIBLE MEANS OF COMMUNICATION/DISOURSE

- In-person convenings
- Virtual tools such as social media (Facebook and Twitter)


ENGAGEMENT





Transportation Alliance

July 5, 2016



To Whom It May Concern:


RE: Letter of Endorsement

Background on the Process
 In November 2016, Baltimore was selected as a model city for the new USA Sustainable Cities Initiative (USA-SCI). This project, led by the United Nations Sustainable Development Solutions Network (SDSN), brings together academic institutions and key stakeholders to support the UN's newly adopted Sustainable Development Goals (SDGs)—a series of global aspirations and priorities designed to take on major sustainable development challenges. The University of Baltimore, in partnership with the National Center for Smart Growth and Communities Without Boundaries, have been facilitating a process that articulates Baltimore's strategies and goals in support of sustainable development. Through substantive input from an executive team and working group members who have provided general knowledge of sustainable development strategies and data, the process is now ready for all stakeholders in Baltimore to identify which SDGs can be endorsed to ensure sustainable development for Baltimore.

What does it mean to Endorse an SDG for Baltimore?
 Your endorsement of 1 or more SDGs implies the following:

1. You have been adequately briefed and understand what the SDG involves including how local priorities are aligned with global issues
2. The key indicators identified for the SDG reflect outcomes that your organization's current or prospective practices are influencing
3. The SDG represents a core value of your organization's mission and you are/will be actively working to achieve the goal

Sincerely,



Brian O'Malley
 President & CEO

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MEASUREMENT

ACTIVITY: DATA DRIVEN DECISION-MAKING THAT IS TRANSPARENT AND ACCOUNTABLE

- ✓ Examine if there are quantifiable targets and indicators and compare to SDGs
- ✓ Review and improve data management systems
- ✓ Identify data/indicator solutions that are feasible, functional and cost effective

TOOLS: START WITH DATA, MONITORING AND EVALUATION SYSTEMS ASSESSMENT

- IAEG-SDG recommended indicators
- SDG Cities Guide “Getting Started with the SDGs in Cities
- USA Cities Index

MEASUREMENT



ENSURE ACCESS TO AFFORDABLE, RELIABLE, SUSTAINABLE AND MODERN ENERGY FOR ALL.

GOAL 7 GLOBAL TARGETS

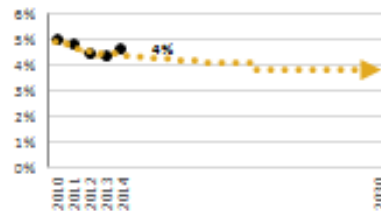
- 7.1 By 2030 ensure universal access to affordable, reliable, and modern energy services.
- 7.2 By 2030, increase substantially the share of renewable energy in the global energy mix.
- 7.3 By 2030, double the global rate of improvement in energy efficiency.

GOAL 7 PROPOSED TARGET INDICATORS FOR BALTIMORE

Ratio of Utility, Fuels, and Public Services Cost to Before-Tax Income (Baltimore Metropolitan Area)

Baseline Measure	4%
Baseline Year	2014
Source	US Bureau of Labor Statistics
Data Day Score	4/5

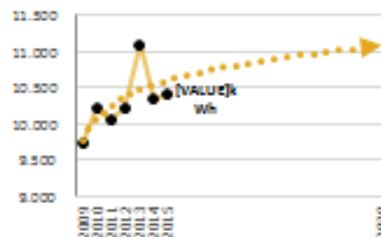
This indicator is calculated as the total expenditure on utilities per household divided by the total pre-tax income. The lower the share of expenditure on utilities the more households have to spend on other necessities.



Total Electricity Consumption per Capita

Baseline Measure	10,209.41 kWh
Baseline Year	2013
Source	City of Baltimore
Data Day Score	5/5

This indicator is calculated as the total amount of electricity consumed in Baltimore per year divided by the population. Lower electricity consumption means less energy use, less resource consumption, and lower air emissions.



PROTECT, RESTORE, PROMOTE SUSTAINABLE USE OF TERRESTRIAL ECOSYSTEMS, SUSTAINABLY MANAGE FORESTS, COMBAT DESERTIFICATION, AND HALT AND REVERSE LAND DEGRADATION AND HALT BIODIVERSITY LOSS

Tree Canopy Coverage Rate

Tree Canopy Coverage Rate is the percent of tree canopy out of total land in the city. Tree canopy coverage reduces runoff, reduces the urban heat island effect, reduces energy costs, sequesters carbon, improves air quality, reduces property values, provides wildlife habitat, and provides aesthetic and community benefits.

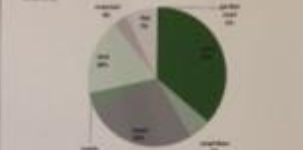


Do you think a change in this indicator addresses the sustainable development goal? Place a dot in the box you agree with most.



Number of Species Observed in BioBlitz

Number of Species Observed in BioBlitz is an indicator of a plant's plant and animal biodiversity. The larger the number is, the higher the biodiversity, making less the adverse human impact on species diversity.




Do you think a change in this indicator addresses the sustainable development goal? Place a dot in the box you agree with most.



SDSN, SDGS AND CITIES

PRACTICAL SOLUTIONS AND TRANSFERABLE LESSONS

- SDG Cities Guide “Getting Started with the SDGs in Cities”
<http://unsdsn.org/wp-content/uploads/2016/07/9.1.8.-Cities-SDG-Guide.pdf>
- US Cities Index
<http://unsdsn.org/resources/publications/us-cities-sdg-index-consultation/>
- Massive open online course (MOOC) “Sustainable Cities”
<https://courses.sdgacademy.org/>
- **Network of 125** SDSN member universities with urban development faculties
<http://unsdsn.org/what-we-do/thematic-networks/sustainable-cities-inclusive-resilient-and-connected/>
- Sustainable Cities Initiative (grounding the knowledge and putting it into motion)
<http://unsdsn.org/what-we-do/solutions-initiatives/sustainable-cities-initiative/>
- City guidance and case material (USA Recommendations Papers, Rio Manual)
<http://unsdsn.org/what-we-do/solution-initiatives/usa-sustainable-cities-initiative-usa-sci/>

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**Your questions?
Your lessons?
Your challenges?**