WCCD and ISO 37120
Indicators for city services and quality of life

Webinar: New Urban Indicators for City Services and Quality of Life
November 11th, 2014

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ISO 37120
Sustainable Development of Communities: Indicators for City Services and Quality of Life

An International Standard for Cities, Created by Cities
INRODUCTION:
WHY CITIES?
WHY METRICS?
PART 1
The Demographic Strength of Cities

- 10% of the world’s population lived in cities in 1900.
- 53% live in cities today.
- 70% are estimated to live in cities in 2050.
Economic Strength of Cities

70% of global GDP is generated by cities.
A Commanding Presence on the World Stage for Cities

10% of the world’s population lived in cities in 1900.

53% live in cities today.

70% are estimated to live in cities in 2050.

70% of global GDP is generated by cities.
THE NEED FOR CITY DATA:

SCALE OF DEMAND + SCALE OF INVESTMENT

Given the rapid pace of city growth and the concurrent scale of demand for infrastructure, this is a pivotal moment for cities globally. The global urban population will increase by approximately 2 billion reaching close to 5 billion by 2030.

Globally, some $57 trillion is needed for investment in infrastructure over the next few decades to support economic growth and urbanization.

Cities will need to be smart about their investments in infrastructure. Today’s infrastructure creates a physical footprint that will shape cities for at least the next 50 years.
Challenges in the Field of City Data

• Boundaries – No Conformity
• City data often collected nationally – Not locally
• No Standardized definitions on what to measure
• No Standardized methodologies on how to measure
• Weak or nonexistent baseline data in cities
• No mechanism for data and knowledge sharing across cities
BUILDING THE GLOBAL STANDARD FOR CITY DATA
PART 2
2008 - 9 Pilot Cities - World Bank

- Belo Horizonte, Brazil
- Bogota, Colombia
- Cali, Colombia
- King County, Washington State, USA
- Montreal, Canada
- Toronto, Canada
- Vancouver, Canada
- Porto Alegre, Brazil
- Sao Paulo, Brazil

Total of 1100 indicators across 9 pilot cities – only 2 were comparable
Comparative Analytics:
Moving the Standard into ISO

2012 – 2014
TC 268 Sustainable Development of Communities

ISO TC 268 Sustainable development of communities

Working Group 1
System Management
ISO 37101

Working Group 2
City Indicators

Working Group 3
Terminology

Sub Committee 1
Smart Community Infrastructure

Working Group 1
Infrastructure metrics

Working Group 2
Smart Community Infrastructure

Chairman Advisory Group

ISO TR 37150
ISO TS 37151

ISO 37101
ISO 37120
ISO TR 37121
TC268 Working Group 2 – City Indicators
ISO Development

- 20 countries
- 6 International Meetings
- 5 drafts, 300 comments
Published

The first ISO Standard on Global City Indicators
What is ISO 37120?

- Establishes a set of standardized indicators that provide a uniform approach to what is measured, and how that measurement is to be undertaken
- 100 Indicators – standardized definitions and methodology, **46 Core** and 54 Supporting
- Common language for reporting
17 Themes

City Services and Quality of Life

Economy  Safety
Education  Shelter
Energy  Solid Waste
Environment  Telecommunication and Innovation
Finance  Transportation
Fire and Emergency Response  Urban Planning
Governance  Wastewater
Health  Water and Sanitation
Recreation
Why do we need a set of international standardized indicators for cities?

- To make informed decisions through data analysis
- To define local benchmarks and targets
- To establish a framework for sustainable planning and leverage for funding by cities with senior levels of government
- To evaluate the “impact” of infrastructure projects on the overall performance of a city
- To build Smart and Sustainable Cities
Who are the Users?

• Applicable to any city, municipality or local government
• Tool for mayors, city managers, planners, politicians, researchers, business leaders, designers and other professionals – and citizens
OUR NEXT ISO STANDARD: ISO 37121

Indicators for Sustainable Development and Resilience in Cities
ISO – New City Indicators

Review and Development of New Indicators on Sustainability and Resilience – New Themes

- Emergency preparedness
- Changes in rainfall and storm surges
- Protection of biodiversity
- Alternative energy
- Risk assessment
- Resilient infrastructure
- Smart grid

- Economic resilience
- Walkability & accessibility
- Transit & mobility
- Water & waste Management
- Green buildings
IMPLEMENTING THE GLOBAL STANDARD ON CITY DATA

PART 3

THE 37120 PILOT
World Council on City Data™
World Council on City Data

ISO 37120
Sustainable Development of Communities: Indicators for City Services and Quality of Life

An International Standard for Cities, Created by Cities
WCCD Foundation Cities

- Toronto
- Boston
- Guadalajara
- Bogotá
- São Paulo
- Buenos Aires
- London
- Amsterdam
- Rotterdam
- Barcelona
- Amman
- Dubai
- Haiphong
- Makkah
- Minna
- Johannesburg
- Shanghai
- Makati
- Melbourne

World Council
City Data-
WORLD COUNCIL ON CITY DATA
PART 4
NEXT STEPS
November 17-18 2014
London City Hall
WCCD Launch
20 Foundation Cities
How to become an ISO 37120 City

- Expression of Interest & Application Form
- File 46 Indicators & Audit
- Your City is ISO 37120 Registered
- Welcome to Global City Indicators Registry & WCCD
World Council on City Data
www.dataforcities.org
Global City Indicators for City Services and Quality of Life

The World Council on City Data (WCCD) coordinates all efforts on city data to ensure a consistent and comprehensive platform for standardized urban metrics. The WCCD hosts the Global Registry for ISO 31720: Sustainable Development of Communities – Indicators for City Services and Quality of Life; the first international standard for cities which provides a comprehensive set of indicators and a methodology that will enable any sized city to benchmark its social, economic and environmental performance in relation to other cities. Please sign this Expression of Interest and join the new World Council on City Data and be part of the Global Registry for ISO 37120 as a Certified City, reporting on this new and important set of globally recognized indicators.

How can I join the WCCD and become an ISO 37120 city?

Please fill out this Expression of Interest form

City Name: ________________________________
Country: ________________________________
Name: ________________________________
Position: ________________________________
Email: ________________________________
Phone: ________________________________
Signature: ________________________________
Date: ________________________________

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Thank you very much for your interest and we look forward to working with you.
World Council on City Data™
BUILDING WITH OUR GLOBAL PARTNERS - 2008 TO TODAY
THANK YOU

CONNECTING CITIES WITH GLOBALLY STANDARDIZED CITY DATA

WWW.DATAFORCITIES.ORG
Thank you

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