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Introduction to the Global City Indicators – The Importance of Standardized Data for Cities

Part 1

Introduction to the Global City
Indicators Facility in Toronto,
Canada

Part 2

Building City Indicators within
the ISO:
Towards ISO37120

GCIF 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 comparable

253 GCIF MEMBER CITIES



GCIF Membership Growth

80 Nations Represented

Afghanistan	Iraq	Republic of Yemen
Argentina	Italy	Romania
Australia	Israel	Rwanda
Bahrain	Jordan	Saudi Arabia
Bangladesh	Kazakhstan	Senegal
Brazil	Kenya	Serbia
Cambodia	Kuwait	Seychelles
Cameroon	Latvia	South Africa
Canada	Lebanon	Spain
Central African Republic	Liberia	Sri Lanka
Chad	Lithuania	Sudan
Chile	Madagascar	Swaziland
Colombia	Malawi	Tanzania
Dem. Rep. of the Congo	Mali	Togo
Dominican Republic	Mexico	Trinidad & Tobago
El Salvador	Mongolia	Tunisia
Ecuador	Morocco	UAE
Egypt	Mozambique	Uganda
Finland	Namibia	United Kingdom
France	Nepal	United States
Gambia, The	Netherlands	Uruguay
Ghana	Nigeria	Ukraine
Guinea	Oman	Venezuela
Guinea Bissau	Palestine	Vietnam
India	Peru	Zambia
Indonesia	Philippines	Zimbabwe
Iran	Portugal	

17
Cities

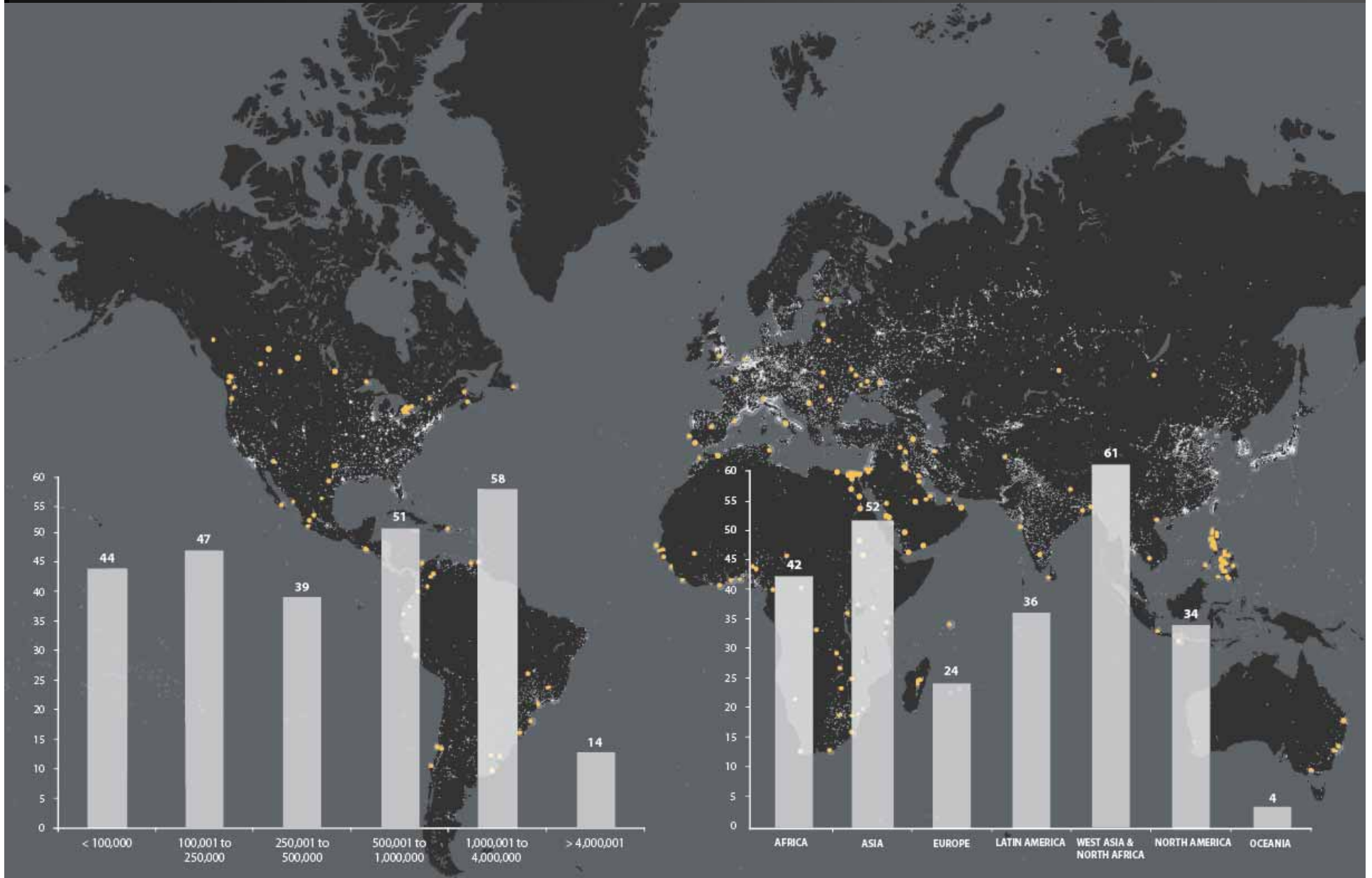
2009,
1st Quarter

253
Cities

2013,
4th Quarter

GCIF MEMBER CITIES BY POPULATION PEER GROUP

GCIF MEMBER CITIES BY REGIONAL PEER GROUP



International Partnerships

- White House – Urban Affairs
- Cities Alliance
- The Executive Council, Dubai
- World Bank
- OECD
- IDRC
- UN-Habitat
- ICLEI
- UNESCO
- UNEP
- U.S. (HUD)
- Inter-American Dev't Bank
- CAI – Asia;
- Polis Milan
- Maytree Foundation
- IBI Group
- Baida Finance Group
- UNICEF



THE WORLD BANK



Global City Indicators

Structured around “themes” organized into two broad categories :

City
Services

Quality of
Life

City Services

- Education
- Finance
- Governance
- Recreation
- Transportation
- Wastewater
- Energy
- Fire and Emergency Services
- Health
- Safety
- Solid waste
- Urban Planning
- Water

Quality of Life

- Civic Engagement
- Economy
- Shelter
- Culture
- Environment
- Social Equity
- Technology and Innovation

Part 2

Building City Indicators within
the ISO:

Towards ISO37120

Efforts on Standardized Indicators 2006 - 2012

World Bank Pilot of Global City Indicators with 9 cities – 2006-2008

Creation of the Global City Indicators Facility -2008

GCIF De-Brief on Pilot; Development, Refinement and Finalization of Global City Indicators – 2008-2009

GCIF Expansion from 9 Pilot Cities to over 250 – 2008 to present

GCI Proposal submitted to ISO - 2010

TMB Decision for Fast Track - February 2011


Preparation and Submission of NEW WORK ITEM PROPOSAL - June 15, 2012

GCI NWIP approved – August 30, 2012

Creation of WG2 – October 25, 2012

ISO/TC 268

Sustainable development in communities



**A new series of standards
developing a holistic, integrated
and area-based approach
to sustainable development
and resilience**

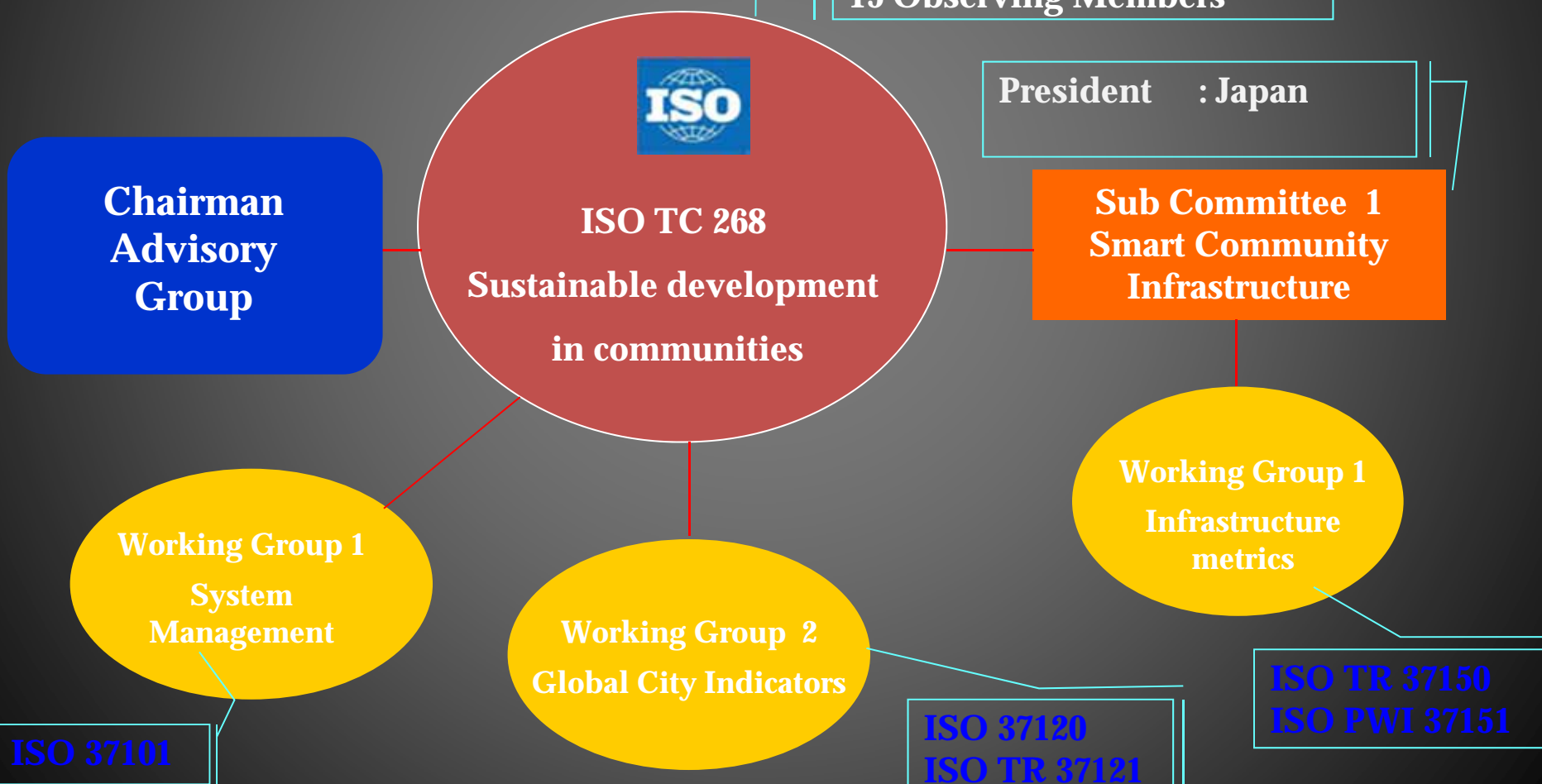
afnor
NORMALISATION

TC268 SUSTAINABLE DEVELOPMENT IN COMMUNITIES

President : France – Jacques Lair
Secretary : AFNOR

20 Participating Members
15 Observing Members

President : Japan



ISO 37101

ISO 37120
ISO TR 37121

ISO TR 37150
ISO PWI 37151

MEMBERS OF TC268

Participating countries: 20

Observing countries: 15

Secretariat: France (AFNOR)

Participating Countries:

Austria (ASI)
Barbados (BNSI)
Canada (SCC)
China (SAC)
Czech Republic (UNMZ)
Denmark (DS)
Egypt (EOS)
Germany (DIN)
Israel (SII)
Japan (JISC)
Netherlands (NEN)
Norway (SN)
Russian Federation (GOST R)
Senegal (ASN)
South Africa (SABS)
Spain (AENOR)
Sri Lanka (SLSI)
Sweden (SIS)
United Kingdom (BSI)

Observing Countries:

Argentina (IRAM)
Australia (SA)
Belgium (NBN)
Brazil (ABNT)
Colombia (ICONTEC)
Finland (SFS)
India (BIS)
Iran, Islamic Republic of (ISIRI)
Korea, Republic of (KATS)
Malaysia (DSM)
Singapore (SPRING SG)
Switzerland (SNV)
Thailand (TISI)
USA (ANSI)
United Arab Emirates (ESMA)

TC268 Working Group 2 – City Indicators



TC268 Working Group 2 – City Indicators

2 Current Activities

1. ISO 37120 – Sustainable Development and Resilience of Communities – Indicators for City Services and Quality of Life (under TC268)
2. ISO NWIP – TR for review on the need for new and additional indicators
Title: Overview and Assessment of Indicators for Sustainable Development and Resilience in Cities

NEED FOR STANDARDIZED CITY INDICATORS

Cities and standardized indicators:

- More effective governments and delivery of services
- International benchmarks and targets
- Informed decision making for policy makers
- Local benchmarking and planning
- Learning across cities
- Leverage for funding and recognition in international entities
- Leverage for funding by cities with senior levels of government
- Framework for sustainability planning

TC268 WG2 Active Members

- Active member countries: Canada, Czech Republic, France, UK, Germany, Japan, Netherlands, Denmark, China, Russia, South Africa
- Industry: Siemens
- International Organizations: GCIF, UNEP, World Bank, ICLEI, FIDIC

Meetings to date

- Paris Plenary Meeting – July 2-6, 2012 – Introduction of the GCI NWIP and the NWIP was approved on September 1, 2012
- London, UK Meeting – October 10 & 11 – first WG2 meeting, over 100 comments dispositioned
- Rotterdam, Netherlands – December 4 & 5, 2012 – Second face to face WG2 meeting, 80 comments
- Paris, France – February 12&13, 2013 – third face to face WG2 meeting, 30 comments dispositioned
- Bornholm, Denmark – July 1-4, 2013 – fourth face to face meeting, 20 comments received/dispositioned
- Geneva, Switzerland – Oct 27-31 – DIS approved, final comments and promotional video by CS was filmed for ISO37120

Highlights of Meetings

Presentations :

- **WORLD BANK** - Development & History of Global City Indicators – World Bank Lead Urban Specialist
- **GCIF** - Global City Indicators and Partnership Alignments
- **SIEMENS** - Siemens Green City Index
- **CITY OF ROTTERDAM** - Using GCIF Indicators in the transition to an attractive sustainable and resilient Rotterdam
- **UNEP** - Highlights of UNEP 's work on cities and buildings – Head Built Environment Unit

ISO 37120

- Defines and establishes methodologies for a set of indicators to steer and measure the performance of city services and quality of life

Economy

Education

Energy

Environment

Finance

Fire and Emergency Response

Governance

Health

Recreation

Safety

Shelter

Solid Waste

Telecommunication and Innovation

Transportation

Urban Planning

Wastewater

Water and Sanitation

ISO 37120

- Will proceed directly to publication – APPROVED
- Promotional video made for ISO37120
- Brochure for ISO37120 (in progress)

NWIP – TR for review on the need for
new and additional indicators

**Title: Inventory and
Review of Existing
Indicators for Sustainable
Development and
Resilience in Cities**

TR Outline

1. Introduction
2. Review of Terms and definitions for cities, metropolitan areas, regions, mega cities
3. Scoping Exercise: Who is doing what
4. Inventory of Indicators
5. Themes for Indicators Development
6. Recommendation and Next Steps

Revision of ISO – 37120: Adding New Indicators on Sustainability & Resilience

Now more important than ever...



Revision of ISO – 37120: Adding New Indicators on Sustainability & Resilience

Emergency Preparedness



Photo Source: Romeo Ranoco, 2013, Reuters

Revision of ISO – 37120: Adding New Indicators on Sustainability & Resilience

Changes in rainfall and Storm Surges



Photo Source: Romeo Ranoco, 2013, Reuters

Revision of ISO – 37120: Adding New Indicators on Sustainability & Resilience

Protection of Biodiversity



Photo Source: Vancouver Street Blog, 2012

Revision of ISO – 37120: Adding New Indicators on Sustainability & Resilience

Alternative Energy



Photo Source: Harald Pettersen, 2012, Wikimedia Commons

Revision of ISO – 37120: Adding New Indicators on Sustainability & Resilience

Risk Assessment



Revision of ISO – 37120: Adding New Indicators on Sustainability & Resilience

Economic Resilience



Photo Source: Ben Brook, 2012

Revision of ISO – 37120: Adding New Indicators on Sustainability & Resilience

Political Resilience



Photo Source: Sergio Perez, 2012, Reuters

Revision of ISO – 37120: Adding New Indicators on Sustainability & Resilience

Walkability & Accessibility



Photo Source: John Allen, 2010

Revision of ISO – 37120: Adding New Indicators on Sustainability & Resilience

Transit & Mobility



Revision of ISO – 37120: Adding New Indicators on Sustainability & Resilience

Water



Photo Source: Graham Cole, 2012

Revision of ISO – 37120: Adding New Indicators on Sustainability & Resilience

Smart grid



Photo Source: Energent, 2013

Revision of ISO – 37120: Adding New Indicators on Sustainability & Resilience

Green Buildings



Photo Source: Iksandi Lojaya, 2012, Eco-friendly

Revision of ISO – 37120: Adding New Indicators on Sustainability & Resilience

Waste Management



Photo Source: Erin Hall, 2012



Photo Source: GTD Aquitaine, 2008, Wikimedia Commons

Revision of ISO – 37120: Adding New Indicators on Sustainability & Resilience

Resilient Infrastructure



Photo Source: Shawn Saleme, 2013

TC268/WG2 – City Indicators

4 Work Streams 2013-2014

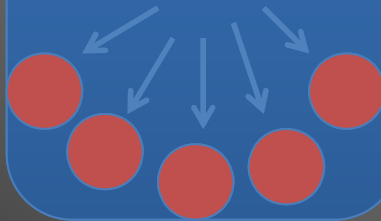
DIS 37120

1. Approved
2. Media – ISO Secretariat
3. Publication

TR 37121

Inventory and Review of existing indicators

Sustainability & Resilience: thematic framework for cities



NWIP – TS

New Indicators for sustainability and resilience

WG2 & SC1/WG1

Collaborative work activities

Toronto, Canada May 2014

- Plenary Meeting of TC268 will be hosted in Toronto, Canada May 19-23, 2014
- Welcoming participants to the GCIF Global Cities Summit in Toronto, Canada May 15 & 16, 2014

Global Cities Summit

TORONTO 2014

Getting on Track: Sustainable & Inclusive Prosperity for Cities


Announcement

The Global City Indicators Facility is announcing the Global Cities Summit 2014 in Toronto, Canada.

Leaders from 250+ cities worldwide, business leaders, senior government officials, scholars and planning & design professionals will participate in this global event.

May 15 & 16, 2014

Global City
Indicators
Facility



Thank you for your attention!
Hoping to see you in Toronto.

CONTACT US

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