

Session 2

Sustainable Cities and Human Settlement

*Moderator:
CheeHai Teo, FIG*



UN-GGIM

United Nations Committee of Experts on
Global Geospatial Information Management

Positioning geospatial information to address global challenges

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NEW STRAITS TIMES HEADLINE

WWF: MALAYSIANS NEED 1.7 EARTHS TO MEET CONSUMPTION NEEDS

19 OCTOBER 2014 @ 8:05 AM



Living Planet Report 2014

Knowing we only have one planet, WWF believes that humanity can make better choices that translate into clear benefits for ecology, society and the economy today and in the long term. (*Living Planet Report 2014*)

“We need leadership for change. Sitting on the bench waiting for someone else to make the first move doesn’t work. Heads of state need to start thinking globally; businesses and consumers need to stop behaving as if we live in a limitless world.” (Marco Lambertini, Director General, WWF International, 2014)



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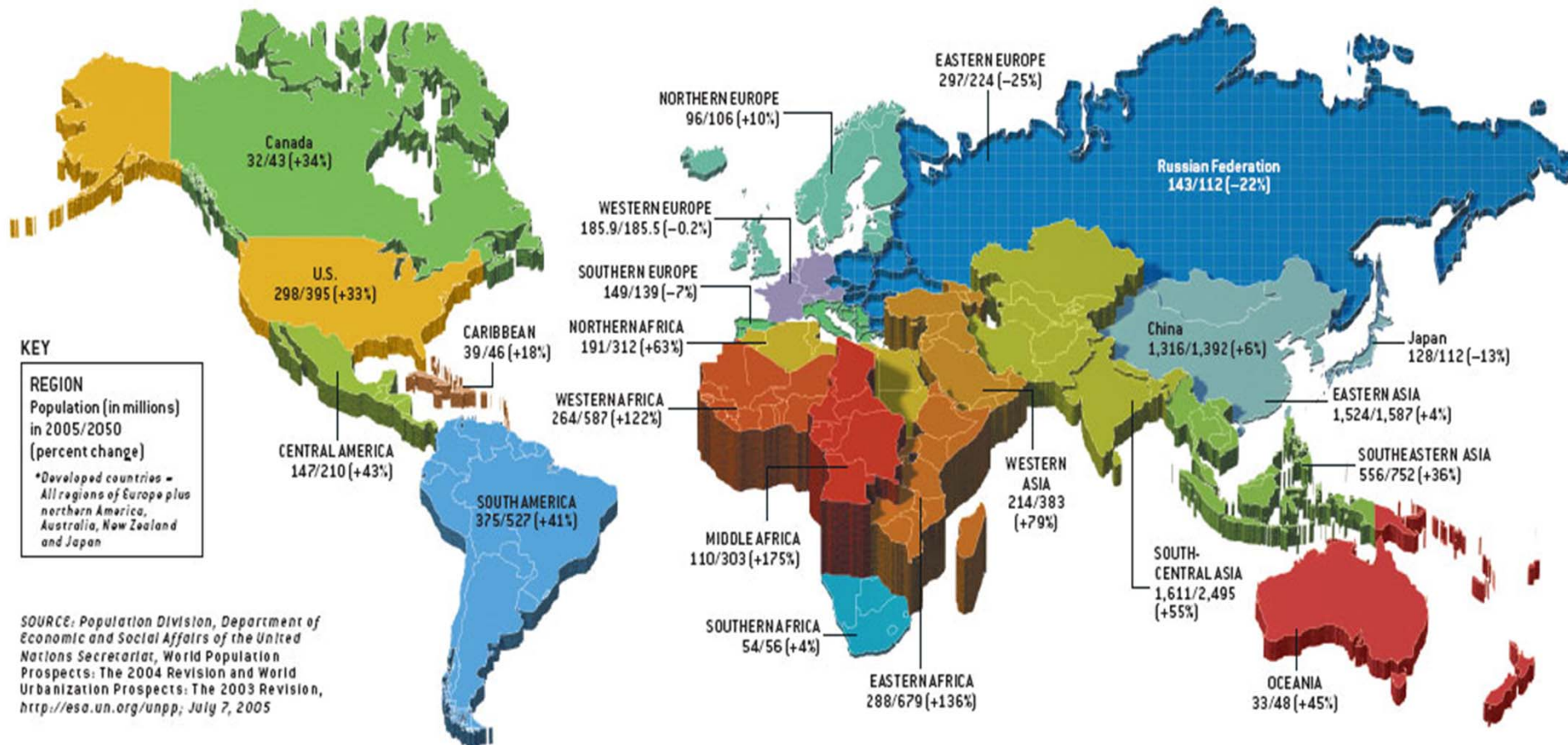


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Global population will likely reach 8 billion by 2030, on its way to more than 9 billion by 2050. There will be more people and older people. The impact of both trends must be taken into account. The world's labour force will grow by about 470 million.

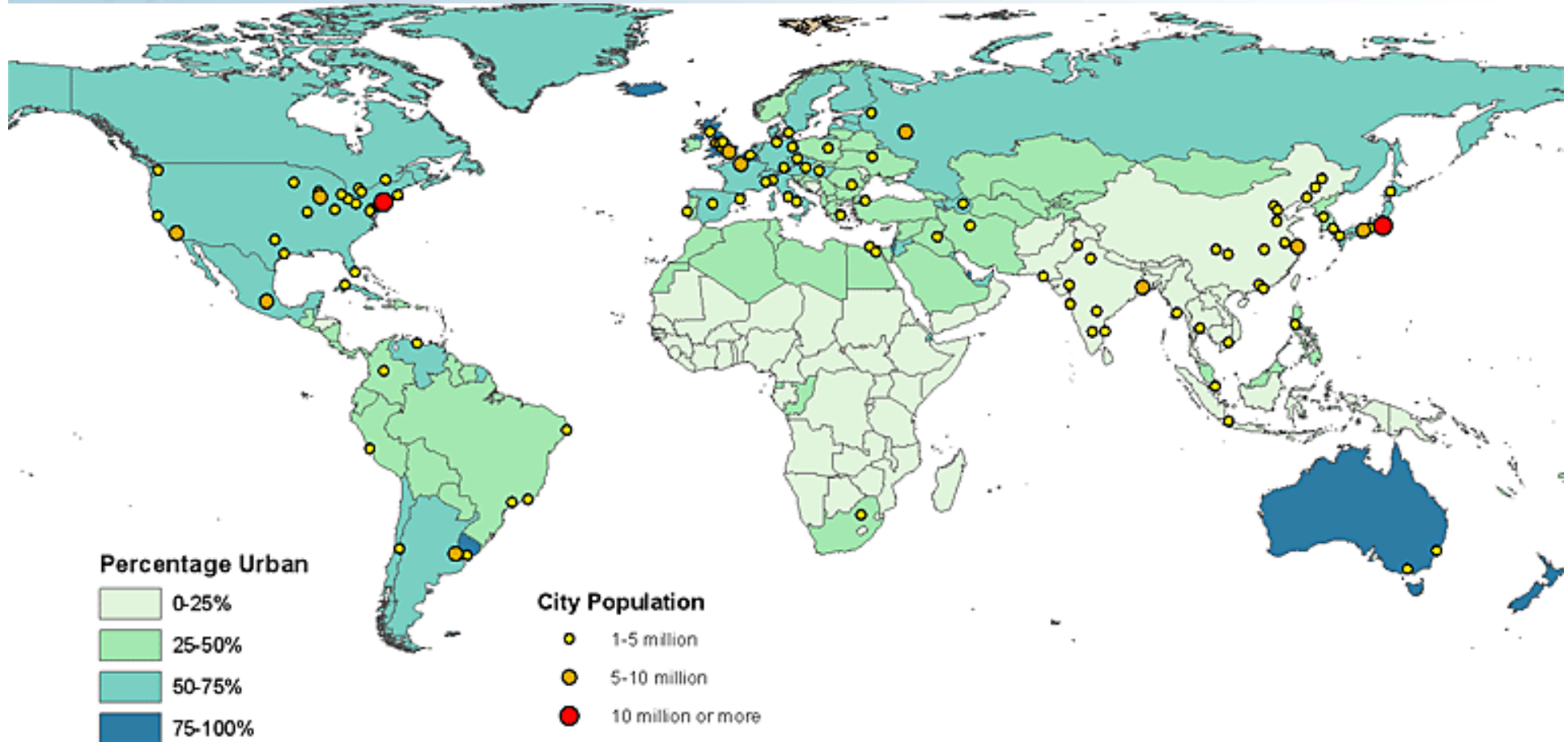
(Report of the High-Level Panel of Eminent Persons on the Post-2015 Development Agenda)



(from: Jon Mills, CESER Newcastle University, FIG-Kuala Lumpur, 2014)



United Nations, Department of Economic and Social Affairs
Population Division, Population Estimates and Projections Section



Percentage of Urban Population and Agglomerations by Size, 1960

World Urbanization Prospects, the 2011 Revision



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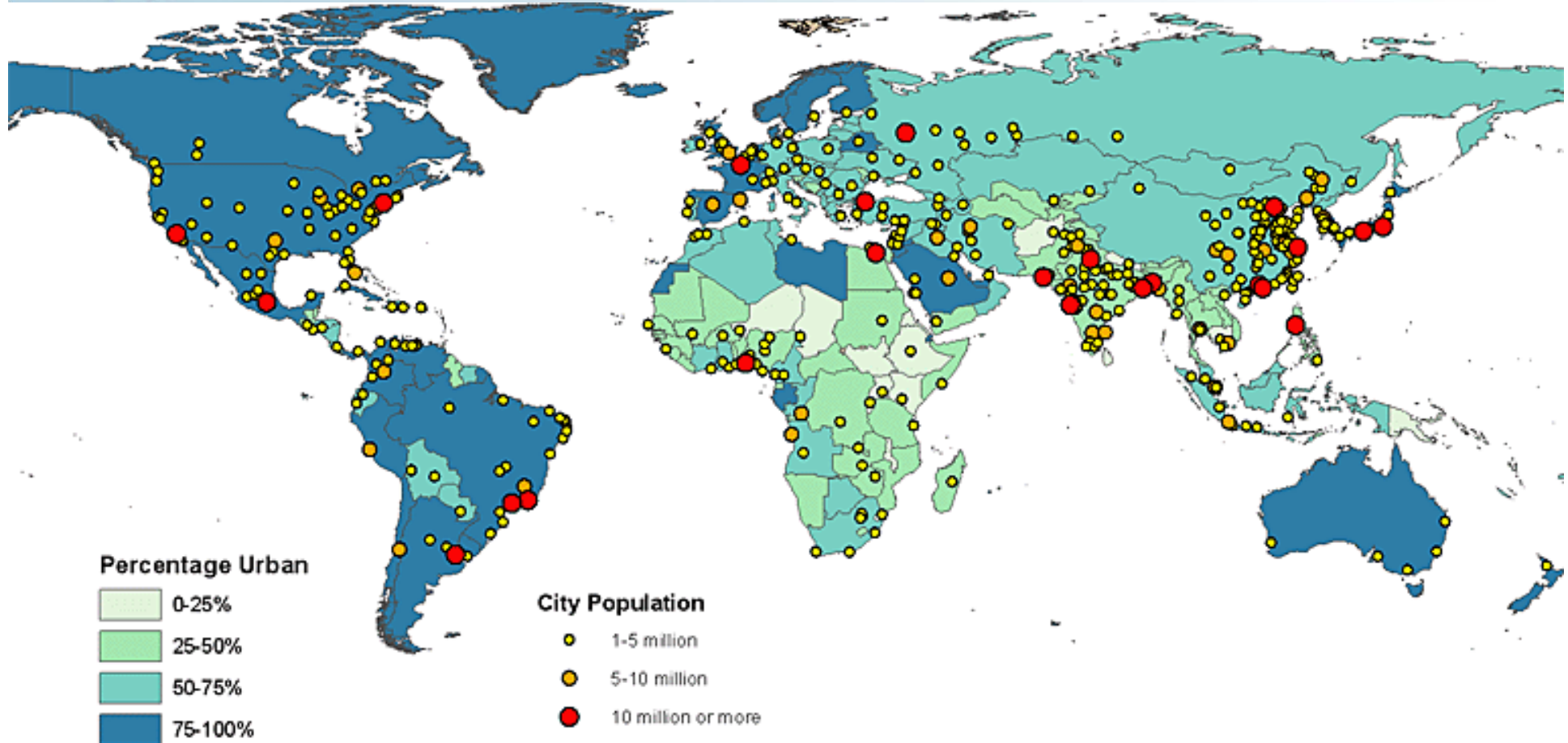


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United Nations, Department of Economic and Social Affairs
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Percentage of Urban Population and Agglomerations by Size, 2011

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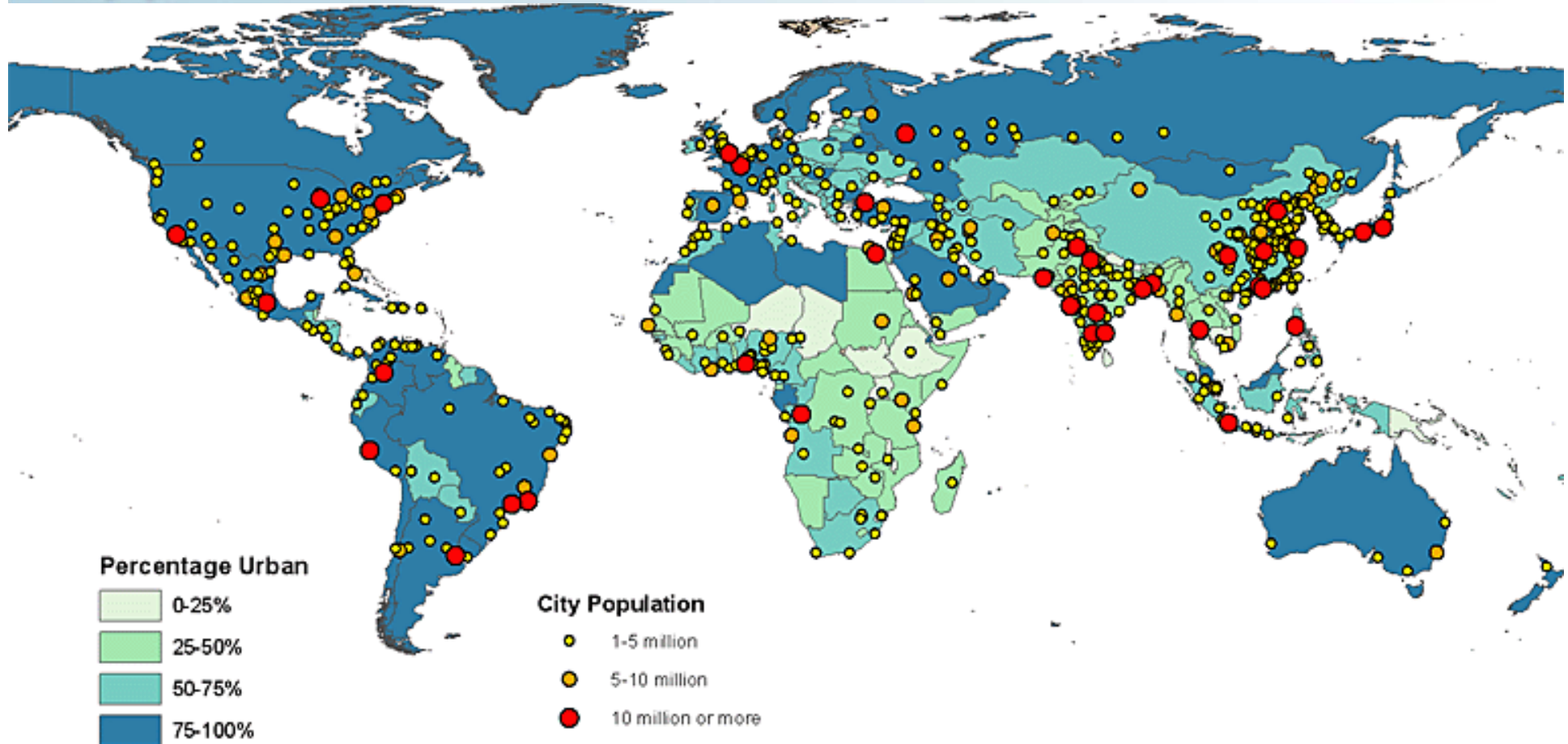


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United Nations, Department of Economic and Social Affairs
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Percentage of Urban Population and Agglomerations by Size, 2025

World Urbanization Prospects, the 2011 Revision



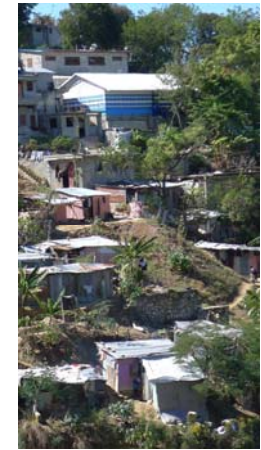
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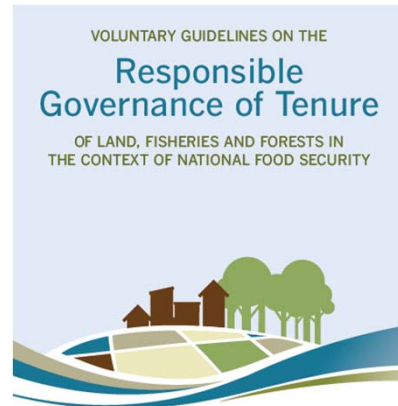
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“Land is a scarce resource involving a wide range of rights and responsibilities. When poorly managed, it can become contentious often leading to disputes, conflict, degradation and other problems, all of them drivers of slum development and poverty in urban areas.”



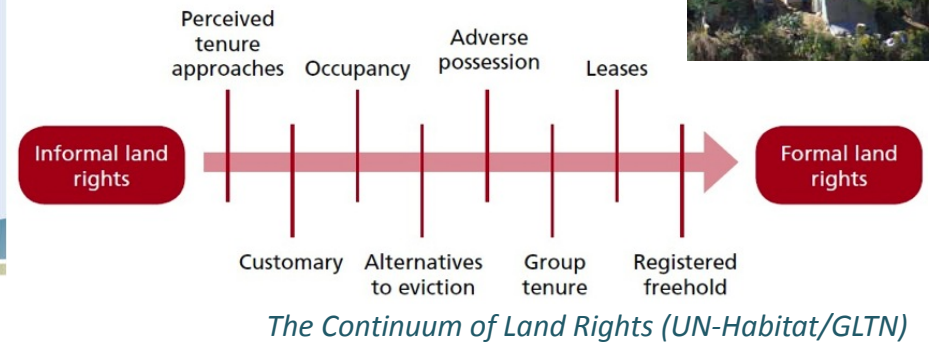
ISO 19152
First edition
2012-12-01



(UN-Habitat)

Geographic information — Land Administration Domain Model (LADM)

Information géographique — Modèle du domaine de l'administration des terres (LADM)



We can do more to take advantage of rapid urbanization: cities are the world’s engines for business and innovation. With good management they can provide jobs, hope and growth, while building sustainability.

(Report of the High-Level Panel of Eminent Persons on the Post-2015 Development Agenda)



UN SYSTEM TASK TEAM
ON THE **POST-2015** UN
DEVELOPMENT AGENDA

Realizing the Future We Want for All Report to the Secretary-General



New York, June 2012

3rd High Level Forum on United Nations Global Geospatial Information Management: Sustainable Cities and Human Settlement

Geospatial information: the key that connects and unlocks the wealth of existing knowledge about social, environmental and economic matters leading to sustainable development?

and

GGIM: the intergovernmental mechanism for the geography needed towards Realizing the Future We Want for All?

How can you measure and monitor sustainable development...



..without location and geography



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Session 2

Sustainable Cities and Human Settlement

Urbanization: Challenges and Solutions

Keynote Presentation: Dr. Jorge Munoz, World Bank

Panellist:

- Dr. Lars Arell, Sweden
- Mr. Mark Cyan, ESRI
- Mr. Manuel Gultierrez, Mexico
- Mt. Cephaz Maguaze, Zimbabwe



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Sustainable Cities and Human Settlement

Sustainable Land Administration and Management

Keynote Presentation: Dr. Clarissa Augustinus, UN-Habitat/GLTN

Panellists:

- Ms. Dorine Burmanje, The Netherlands
- Mr. Vincent Hoong, UN-GGIM: Americas
- Engr. Didier Sagashya, Rwanda
- Mr. Alvaro Hernandez, Chile



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