STATE OF THE DORDS CITIES

UN (HABITAT

State of the World's Cities 2008/2009 HARMONIOUS CITIES

UN@HABITAT



publishing for a sustainable future

London • Sterling, VA

First published by Earthscan in the UK and USA in 2008 for and on behalf of the United Nations Human Settlements Programme (UN-HABITAT).

Copyright © United Nations Human Settlements Programme, 2008.

All rights reserved

United Nations Human Settlements Programme (UN-HABITAT) P.O. Box 30030, Nairobi, Kenya Tel: +254 20 7621 234 Fax: +254 20 7624 266/7 Website: www.unhabitat.org

DISCLAIMER

The designations employed and the presentation of the material in this report do not imply the expression of any opinion whatsoever on the part of the Secretariet of the United Nations concerning the legal status of any country, territory, city or area, or of its authorities, or concerning delimitation of its frontiers or boundaries, or regarding its economic system or degree of development. The analysis, conclusions and recommendations of this reports do not necessarily reflect the views of the United Nations Human Settlements Programme or its Governing Council.

HS/1031/08 E (paperback) HS/1032/08 E (hardback)

ISBN: 978-1-84407-696-3 (Earthscan paperback) ISBN: 978-1-84407-695-6 (Earthscan hardback) ISBN: 978-92-1-132010-7 (UN-HABITAT paperback) ISBN: 978-92-1-132011-4 (UN-HABITAT hardback)

Design and layout by Michael Jones Software, Nairobi, Kenya. Printed and bound in Malta by Gutenberg Press Ltd.

For a full list of Earthscan publications contact:

Earthscan Dunstan House 14a St Cross Street London EC1N 8XA, UK Tel: +44 (0)20 7841 1930 Direct: +44 (0)20 7841 1930 Fax: +44 (0)20 7242 1474 E-mail: earthinfo@earthscan.co.uk Website: www.earthscan.co.uk

22883 Quicksilver Drive, Sterling, VA20166-2012, USA

Earthscan publishes in association with the International Institute for Environment and Development.

A catalogue record of this book is available from the British Library.

Library of Congress Cataloging-in-Publications Data has been applied for.

The paper used for this book is FSC-certified. FSC (the Forest Stewardship Council) is an international network to promote responsible management of the world's forests.

Foreword



the world's Cities, has never been more important.

Cities embody some of society's most pressing challenges, from pollution and disease to unemployment and lack of adequate shelter. But cities are also venues where rapid, dramatic change is not just possible but expected. Thus they present real opportunities for increasing energy efficiency, reducing disparities in development and improving living conditions in general. National and local governments can promote harmonious urbanization by supporting pro-poor, inclusive and equitable urban development and by strengthening urban governance structures and processes. History demonstrates that integrated urban policy can be a solid path towards development.

Contrary to popular opinion, inequality and the unsustainable use of energy are not inevitable aspects of urban development, nor are they necessary for urbanization and economic growth to occur. Rather, as this report illustrates, cities can advance the prosperity of their inhabitants while achieving equitable social outcomes and fostering the sustainable use of resources. Today, many small, well-managed cities in both the developing and developed worlds are enjoying rapid growth, giving us a chance to stave off entrenched poverty and cultivate healthy environments in which people can thrive.

The data and analysis contained in this report are intended to improve our understanding of how cities function and what we, as a global community, can do to increase their liveability and unity. In that spirit, I commend this report to policymakers, mayors, citizens' groups and all those concerned with the welfare of our urbanizing world.

Ki Moor Boar

Ban Ki-moon / Secretary-General United Nations

Introduction



alf of humanity now lives in cities, and within two decades, nearly 60 per cent of the world's people will be urban dwellers. Urban growth is most rapid in the developing world, where cities gain an average of 5 million residents every month. As cities grow in size and population, harmony among the spatial, social and environmental aspects of a city and between their inhabitants becomes of paramount importance. This harmony hinges on two key pillars: equity and sustainability.

The world has witnessed for the past year some of the social challenges associated with global warming and climate change. The rise in prices of fuel and food has provoked angry reactions worldwide and threatens to eradicate, in many instances, decades of social and economic advancement. This relatively new threat to harmonious urban development is nonetheless directly linked to poorly planned and managed urbanization. Urban sprawl, high dependence on motorized transport and urban lifestyles that generate excessive waste and consume large amounts of energy are some of the major contributors to the global increase in greenhouse gas emissions.

However, data analyzed by UN-HABITAT shows that not all cities contribute to global warming and climate change in the same way. While wealthier cities tend to produce more emissions than less wealthy cities, as higher incomes often translate into higher energy consumption, significant differences in emissions are also found between cities of similar wealth. Some cities in developed countries have, for example, been reducing their per capita energy consumption and emissions through better transport planning and energy conservation. At the same time, other cities in newly industrializing countries are increasing per capita emissions through the combined impact of motorization and increased energy consumption. The findings presented in this report clearly show that policies that promote energy-efficient public transport, that reduce urban sprawl and that encourage the use of environmentally-friendly sources of energy, can reduce a city's ecological footprint and carbon emissions significantly. In fact, cities provide a real opportunity to mitigate and reverse the impact of global climate change. Properly planned cities provide both the economies of scale and the population densities that have the potential to reduce per capita demand for resources such as energy and land.

The world is also confronting the challenge of increasing disparities between the rich and the poor. This edition of the State of the World's Cities shows that spatial and social disparities within cities and between cities and regions within the same country are growing as some areas benefit more than others from public services, infrastructure and other investments. Evidence presented in this report also shows that when cities already have high levels of inequality, spatial and social disparities are likely to become more, and not less, pronounced with economic growth. High levels of urban inequality present a double jeopardy. They have a dampening effect on economic growth and contribute to a less favourable environment for investment.

But just as importantly, urban inequality has a direct impact on all aspects of human development, including health, nutrition, gender equality and education. In cities where spatial and social divisions are stark or extreme, lack of social mobility tends to reduce people's participation in the formal sector of the economy and their integration in society. This exacerbates insecurity and social unrest which, in turn, diverts public and private resources from social services and productive investments to expenditures for safety and security. Pro-poor social programmes, equitable distribution of public resources and balanced spatial and territorial development, particularly through investments in urban and inter-urban infrastructure and services, are among the most effective means for mitigating or reversing the negative consequences of urban inequality.

Many cities and countries are addressing these challenges and opportunities by adopting innovative approaches to urban planning and management that are inclusive, pro-poor and responsive to threats posed by environmental degradation and global warming. From China to Colombia, and everywhere in between, national and local governments are making critical choices that promote equity and sustainability in cities. These governments recognize that cities are not just part of the problem; they are, and must be, part of the solution. Many cities are also coming up with innovative institutional reforms to promote prosperity while minimizing inequity and unsustainable use of energy. Enlightened and committed political leadership combined with effective urban planning, governance and management that promote equity and sustainability are the critical components to the building of harmonious cities.

-bolioninter

Anna K. Tibaijuka Under-Secretary-General and Executive Director United Nations Human Settlements Programme (UN-HABITAT)

Acknowledgements

Core Team

Director: Oyebanji Oyeyinka Coordinator: Nefise Bazoglu Task Manager: Eduardo López Moreno Statistical Adviser: Gora Mboup Editor: Rasna Warah

Principal Author: Eduardo López Moreno Additional Authors: Nefise Bazoglu, Gora Mboup and Rasna Warah

Support Team

Research: Gianluca Crispi, Yuzuru Tachi, Anne Klen, Maharufa Hossain, Asa Jonsson Graphs: Yuzuru Tachi GIS: Maharufa Hossain and Jane Arimah Statistics: Josephine Gichuhi, George Madara, Julius Majale, Philip Mukungu, Souleymane N'doye, Omondi Odhiambo, Raymond Otieno Editorial Support: Darcy Varney Administrative Assistance: Anne Idukitta and Elizabeth Kahwae

UN-HABITAT Advisory and Technical Support

Sharif Ahmed, Alioune Badiane, Daniel Biau, Mohamed Halfani, Marco Keiner, Anantha Krishnan, Ansa Masaud, Victor Mgendi, Naison Mutizwa-Mangiza, Jane Nyakairu, Ligia Ramirez, Roman Rollnick, Wandia Seaforth, Sharad Shankardass, Mohamed El-Sioufi, Paul Taylor, Nicholas You

International Advisory Board

A. T. M. Nurul Amin, Robert Buckley, Naser Faruqi, Paolo Gamba, Dan Hoornweg, Paola Jiron, Marianne Kjellen, Patricia McCarney, Molly O'Meara Sheehan, Francisco Perez Arellano, David Sattherwaite, Dina K. Shehayeb, Belinda Yuen

Financial Support

Government of Norway, Kingdom of Bahrain, Government of Italy, International Development Research Center (Canada), and World Bank, among others

Cover design and page layout: Michael Jones Software Cover image: ©Mudassar Ahmed Dar/ Shutterstock & Li Wa/Shutterstock

Contributors

Significant contributions in the analysis of data and drafting of background papers: Adriana Allen for "Addressing Rural-Urban Disparities for Harmonious Development" Federico Butera for "Cities and Climate Change" and "Energy Consumption in Cities" Patricia McCarney and Richard Stren for "Metropolitan Governance: Governing in a City of Cities" Simone Cecchini, Jorge Rodríguez, Maren Jiménez, Daniela González, Ernesto Espindola and Hernan Pizarro of the UN Economic Commission for Latin America and the Caribbean (ECLAC) for collating urban/city Gini coefficients for Latin America and the Caribbean, in consultation with Miguel Ojeda and Lucy Winchester Jorge Carrillo and Sarah Lowder of UN Economic and Social Commission for Asia and the Pacific (ESCAP) for collating urban/city Gini coefficients for Asia and the Pacific Additional contributions in the preparation of thematic papers and in the analysis and review of data: Carmen Bellet and Josep Ma Llop Torne for "The Role of Intermediate Cities" Jordi Borja, whose ideas were adapted from "La Ciudad Conquistada" (Barcelona, 2007) Suochen Dong, Marlene Fernandes, Yasser Rajjal, David Schmidt, Maram Tawil, Vinod Tewari for Metropolitan Governance Surveys in China, Brazil, Amman, Cape Town and India Ali Farzin for "Urban Inequalities in Iran" Pietro Garau for "Preliminary analysis of surveys on slum upgrading polices" Padmashree Gehl Sampath for "Institutional Analysis and Innovation" and research on economic policies and migration Prabha Khosla for "Gender Sensitive Urban Governance" and analysis of gender disaggregated slum data Enzo Mingione and Serena Vicari for "Inequalities in European Cities" Afsaneh Moharami for "Drivers of Decline/Growth in Iranian Cities" Mark Montgomery for analysis and review of global urban data Ariane Mueller for "Best Practices and Climate Change in Cities" Maria da Piedade for Gini coefficient data in Brazilian cities Patricia Romero-Lankao for "Climate Change and Cities - Latin America" German Solinis "Without harmony, there will be no cities in the urbanized world"

Raquel Szalachman for "Human Settlements and the Environment in Latin America and the Caribbean"

Vinod Tewari for "Urbanization Trends in Asia", "Drivers of City Growth" and Gini coefficients for urban India

Pablo Vaggione for "Planning for Urban Harmony"

Darcy Varney "Inclusive Urban Planning for Harmonious Development"

Luciano Vettoretto for "Regional Planning towards Spatial Strategies: Learning from the European Experience"

Yu Zhu for "Urbanization Trends in China" and "Drivers of City Growth in China"

Input to production of maps and graphs:

Deborah Balk for text and maps on "Cities at Risk in Low Elevation Coastal Zones"

Bangladesh Centre for Advanced Studies for map on "Flood-prone areas in Dhaka"

Centre for Urban Studies (Bangladesh) for map on "Slum settlements in Dhaka"

European Commission Directorate for Regional Policy for map on "Intra-city Differences in Unemployment in London, Berlin, Stockholm and Madrid, 2001"

Kenya Bureau of Statistics for map on "Poverty Incidence in Nairobi, Mombasa and Kisumu"

Rashid Seedat and the South African Cities Network for input to various graphs related to inequality in South African cities Thailand Department of Land Transport, Pollution Control Department of Thailand and Clean Air Initiative for Asian Cities Centre for text and data on "Air Quality in Bangkok"

World Resources Institute for flowchart on "World GHG Emissions"

Input to boxes:

Suochen Dong, Cristina Martínez Fernández, Padmashree Gehl Sampath, Asa Jonsson, Prabha Khosla, Xue Li, Frederico Neto, Madanmohan Rao, Wandia Seaforth, Deborah Wei Mullin, Xiaojun Zhang

Additional research:

Sai Balakrishnan, Haddy Guisse, Lusungu Kayani, Jennifer Venema

Country information:

Maria Alvarez Gancedo, Wesley Aruga, Kangwa Chama, John Leo Chome, Bharat Dahiya, Suocheng Dong, María D. Franco Delgado, Ali El-Faramawy, Eden Garde, David Houssou, Dodo Juliman, George Kozonguizi, Cecilia Martinez, Alberto Paranhos, Basilisa Sanou, Fole Sherman, Roshan Raj Shrestha, Ileana Ramirez, Tewodros Tigabu, Conrad de Tissera, Merlin Totinon, Pinky Vilakazi

Contents

Part 1: SPATIAL HARMONY

1.1	The Spatial Distribution of the World's Cities	Ч
1.2	Urban Growth Patterns1	0
1.3	Which Cities are Growing and Why 2	Ч
1.4	Shrinking Cities	0

Boxes and City Stories

Economic policies and migration: The case of Dhaka
How governments are propelling urban growth
New entrants in the league of cities
Bangalore: India's silicon plateau
Planning for growth while anticipating decline
Urban regeneration halts population decline in a European town

Figures

	Urbanization levels (percentage urban) by ecosystem, 2000
	Urban population (millions) by region, 2005 and 2050
	City growth and decline by city size in the developed world, 1990-2000
	Annual growth rate of the world's cities by region and city size, 1990-2000
1.2.4:	City growth and decline by city size in the developing world, 1990-2000
1.2.5:	Distribution of urban population in the developing world by city size, 2000
1.3.1:	Net migration rate and natural growth rate in Shanghai, 1995 - 2006
1.3.2:	Number of new cities after 1990 in the developing world
1.4.1:	Proportion of cities experiencing accelerated, rapid, moderate, slow and negative
	growth rates in the developing and developed world in the 1990s

Tables

1.3.1:	Drivers of growth in the developing world's fastest growing cities	
1.3.2:	Number and total population of new cities established since 1990	
1.4.1:	Declining cities in the developing world (1990-2000)	

Maps

1.2.1:	Cities that experienced very high or negative population growth rates between
	1990 and 2000



Part 2: SOCIAL HARMONY

2.1	Why Urban Inequality Matters
	Urban Inequalities: Regional Trends
2.3	Education, Employment and City Size
2.4	Slums: The Good, the Bad and the Ugly
2.5	Slum Cities and Cities with Slums

Boxes and City Stories

Measuring inequality at the city level	51
Bhutan's gross national happiness index	59
New dimensions of inequality in emerging economies:	
Recent evidence from China, India and Brazil	60
China's urban transition	78
Slum households and shelter deprivations:	
degrees and characteristics	
Urban poor adversely affected by Zimbabwe's political crisis	
Woman-headed households suffer disproportionately from inadequate housing	104
Locating slums: Geographic concentration and clustering	107
Years of sanctions and conflict take their toll on Iraq's cities	
Helping to locate slums using Earth Observation and Geoinformation Technologies	118

Figures

2.1.1: 2.1.2:	Urban inequalities in China, India and Malaysia, 1969-2002 Social mobility and equity in South African cities – Class composition	
2.2.1: 2.2.2:	Average urban Gini coefficient by region.	63
2.2.4:	Urban inequalities in Latin America and the Caribbean	
2.2.5:	Urban and rural Gini coefficients for selected developing countries	68
2.2.6:	Gini coefficient for selected cities in Latin America and the Caribbean	69
2.2.7:	Urban inequalities in selected countries in Latin America and the Caribbean, 1989 - 2006	
2.2.8:	Urban inequalities in Africa.	71
2.2.9:	Gini coefficient in selected African cities	
2.2.10:		73
2.2.11:	African cities.	74
2.2.12:		
	Gini coefficients for urban and rural areas in Asia	77
2.3.1:	Proportion of children enrolled in primary education in Latin American cities and rural areas	83
2.3.2:	Proportion of children enrolled in primary education in Asian cities and rural areas	84
2.3.3:	Proportion of children enrolled in primary school in sub-Saharan African countries	
	experiencing huge rural-urban disparities in access to education	85
2.3.4:	Proportion of children enrolled in school in sub-Saharan African countries where access to education is generalized across urban and rural areas	
2.4.1:	Proportion of urban populations living in slums by region, 2005	91
2.4.2:	Slum population by region (millions), 2005.	
	Distribution of slum dwellers by degree of shelter deprivation (%), Africa.	94
	Distribution of moderately deprived slum dwellers (one deprivation) by type of deprivation (%), Africa	94
2.4.3 C:	Distribution of severely deprived slum dwellers (two deprivations) by type of deprivation (%), Africa	94
2.4.3 D:	Distribution of extremely deprived slum dwellers (three + deprivations) by type of deprivation (%). Africa	
2.4.4:	Slum prevalence in Africa, 2005	97
2.4.5:	Slum prevalence in Asia, 2005	
	Distribution of slum dwellers by degree of shelter deprivation (%) Asia 1	01
2.4.6 B:	Distribution of moderately deprived slum dwellers (one deprivation) by type of deprivation (%), Asia.	01
2.4.7:	Slum prevalence in Latin America and the Caribbean, 2005	02
2.4.8 A:	Distribution of slum dwellers by degree of shelter deprivation (%) Latin America 1	03
	Distribution of moderately deprived slum dwellers (one deprivation) by type of deprivation (%), Latin America	03
	Percentage of slum households by size of city: Countries with high concentration of slums in small cities/towns as well as in capital/large cities	
2.5.1 B:	Percentage of slum households by size of city: Countries with high concentration of slums in small cities/towns and low or moderate concentration of slums in capital/large cities 1	09
2.5.1 C:	Percentage of slum households by city size - Countries with low or moderate concentration of slums in capital/large cities as well as in small cities and towns	10
2.5.1 D:	Percentage of slum households by size of city: Countries with slum concentration higher in capital/large cities than in small cities and towns.	
2.5.2:	Percentage of non-slum or slum households living in slum areas	
2.5.3:	Poverty incidence in Nairobi, Mombasa and Kisumu, 1999.	
Table	S	
2.1.1:	Change in urban inequalities (Gini coefficient) and GDP per capita (PPP) in	- 4

	selected countries	. 54
2.4.1:	Proportion of urban population living in slums 2005	. 90

Maps

2.2.3:	Intra-city differences in ur	nemployment in London,	Berlin,	Stockholm	and Madrid,	2001.	64
2.2.13:	Urban inequalities in Asia						76

Part 3: ENUIRONMENTAL HARMONY

3.1	Urban Enuironmental Risks and Burdens	122
3.2	Cities and Climate Change	130
3.3	Cities at Risk from Rising Sea Leuels	140
3.4	Energy Consumption in Cities	156
3.5	Urban Energy Consumption at the Household Level	164
3.6	Urban Mobility	174

Boxes and City Stories

Bangkok's strategy to tackle air pollution	124
Ougadougou's Green Brigade	125
The informal recycling economy of Asian cities	127
Does the urban environment affect emotional well-being?	128
"Heat island" effect	131
Poverty reduction as an adaptation strategy.	139
African cities at risk	151
Dhaka's extreme vulnerability to climate change	152
Cuba: A culture of safety	154
Energy-efficient buildings in Beijing.	167
Embedded energy	168
Cape Town: Scaling the energy ladder	173

Figures

3.1.1:	Air quality in Mega cities	
	Annual Average of PM10 in Bangkok during 1992 - 2005	124
3.1.2:	Proportion of children in urban areas in selected African countries with acute respiratory	
	infections by type of fuel used for cooking	
3.1.3:	Waste production (kg/year) per capita in selected cities	129
3.2.1:	World GHG emissions flow chart	132
3.2.2:	Global greenhouse gas emissions in 2000, by source	133
3.2.3:	Relationship between urban density and CO, emissions	134
3.2.4:	Per capita CO, emissions in selected cities	135
3.2.5:	Carbon emissions in USA, European Union, China and India, 2005 and 2030.	136
3.3.1:	Urban density (persons per sq km) by ecosystem, 1995	141
3.3.2:	Urban density by ecosystem	
3.3.3:	Countries with the largest urban population in the low elevation coastal zone.	
3.3.4:	Latin America and Caribbean cities at risk due to sea-level rise.	
3.3.5:	Asian cities at risk due to sea-level rise.	
3.3.6:	African cities at risk due to sea-level rise.	
3.3.7:	Population distribution, urban places, and low elevation coastal zones in North Africa	149
3.3.8:	Proportion of population and land at risk due to sea level rise in Africa	
3.3.9:	Flood-prone slum and non-slum settlements in Dhaka	
3.4.1:	Linear and circular urban metabolism	
3.4.2:	Energy consumption by region.	
3.4.3:	Energy consumption by region.	
3.4.4:	Energy consumption in selected cities in middle-income countries	
3.4.5:	Energy consumption in selected Asian cities	
3.4.6:	Ecological Footprint of countries by income (2003)	
3.4.7:	Ecological footprint of countries by income (2000)	
3.4.9:	Ecological Footprint of selected cities and of the countries where they are located	
3.5.1:	Share of energy consumption in residential and commercial sectors in selected cities in	105
J.J.1.	high-income countries	165
3.5.2:	Household energy use patterns in EU-15, 1997	168
3.5.3:	Low-income household energy use patterns in Core Town, 1996	160
3.5.4:	Share of energy used for cooking in urban households in India, 1999/2000	
3.5.5:	Emissions by common cooking fuels per meal.	
3.5.6:	Distribution of urban households by type of fuel for cooking in selected countries	
3.5.7:	Greenhouse gas emissions from a typical biomass cookstove	
3.5.8:	Proportion of family income used for energy in low-income households in selected	170
0.0.0.	cities and countries	170
3.5.9;	Electricity consumption per household (kWh/year) in selected cities and countries	172
	Share of commercial and residential electricity consumption in selected cities	
	Household electricity consumption differences in Cape Town	
3.6.1:	Share of motorized and non-motorized private and public transport in selected	175
5.0.1.	regions and countries	170
3.6.2:		
3.6.3:	Polationabin between length of frequency per person and personager ear kilometree	176
3.0.3.	Relationship between length of freeway per person and passenger car kilometres	176
264.	Relationship between length of freeway per person and passenger car kilometres Energy use by travel mode by region	176 177
3.6.4:	Relationship between length of freeway per person and passenger car kilometres Energy use by travel mode by region . Total transport (private and public) CO, emissions in selected regions and countries	176 177 179
3.6.5:	Relationship between length of freeway per person and passenger car kilometres Energy use by travel mode by region Total transport (private and public) CO ₂ emissions in selected regions and countries Car ownership in selected cities	176 177 179 179
3.6.5: 3.6.6:	Relationship between length of freeway per person and passenger car kilometres Energy use by travel mode by region Total transport (private and public) CO ₂ emissions in selected regions and countries Car ownership in selected cities	176 177 179 179 179 179
3.6.5: 3.6.6: 3.6.7:	Relationship between length of freeway per person and passenger car kilometres Energy use by travel mode by region . Total transport (private and public) CO ₂ emissions in selected regions and countries Car ownership in selected cities Private car ownership in selected large and megacities. Private car ownership in selected cities .	176 177 179 179 179 180
3.6.5: 3.6.6: 3.6.7: 3.6.8:	Relationship between length of freeway per person and passenger car kilometres Energy use by travel mode by region . Total transport (private and public) CO ₂ emissions in selected regions and countries Car ownership in selected cities . Private car ownership in selected large and megacities. Private car ownership in selected cities . Transport mode split in selected cities .	176 177 179 179 179 180 180
3.6.5: 3.6.6: 3.6.7:	Relationship between length of freeway per person and passenger car kilometres Energy use by travel mode by region . Total transport (private and public) CO ₂ emissions in selected regions and countries Car ownership in selected cities Private car ownership in selected large and megacities. Private car ownership in selected cities .	176 177 179 179 179 180 180
3.6.5: 3.6.6: 3.6.7: 3.6.8:	Relationship between length of freeway per person and passenger car kilometres Energy use by travel mode by region Total transport (private and public) CO ₂ emissions in selected regions and countries Car ownership in selected cities Private car ownership in selected large and megacities. Private car ownership in selected cities Transport mode split in selected cities Transport mode split in cities in the developed world	176 177 179 179 179 180 180
3.6.5: 3.6.6: 3.6.7: 3.6.8: 3.6.9:	Relationship between length of freeway per person and passenger car kilometres Energy use by travel mode by region . Total transport (private and public) CO ₂ emissions in selected regions and countries Gar ownership in selected cities Private car ownership in selected arge and megacities. Transport mode split in selected cities Transport mode split in cities in the developed world	176 177 179 179 179 180 180 180
3.6.5: 3.6.6: 3.6.7: 3.6.8: 3.6.9: Table 3.2.1:	Relationship between length of freeway per person and passenger car kilometres Energy use by travel mode by region Total transport (private and public) CO ₂ emissions in selected regions and countries Car ownership in selected cities Private car ownership in selected large and megacities. Private car ownership in selected cities. Transport mode split in selected cities. Transport mode split in cities in the developed world B GHG Emissions on a regional scale	176 177 179 179 179 180 180 180
3.6.5: 3.6.6: 3.6.7: 3.6.8: 3.6.9: Table	Relationship between length of freeway per person and passenger car kilometres Energy use by travel mode by region Total transport (private and public) CO ₂ emissions in selected regions and countries Car ownership in selected cities Private car ownership in selected large and megacities Private car ownership in selected cities Transport mode split in selected cities Transport mode split in cities in the developed world S GHG Emissions on a regional scale Adaptation strategies	176 177 179 179 179 180 180 180 180
3.6.5: 3.6.6: 3.6.7: 3.6.8: 3.6.9: Table 3.2.1: 3.2.2:	Relationship between length of freeway per person and passenger car kilometres Energy use by travel mode by region Total transport (private and public) CO ₂ emissions in selected regions and countries Car ownership in selected cities Private car ownership in selected large and megacities. Private car ownership in selected cities. Transport mode split in selected cities. Transport mode split in cities in the developed world B GHG Emissions on a regional scale	176 177 179 179 180 180 180 180 180

Maps	

3.4.8:	: Ecological footprint of Berlin for the year 2000	 	1

Part 4: PLANNING FOR HARMONIOUS CITIES

Ч.1	Inclusive Urban Planning for Harmonious Urban Development 184
Ч.2	Building Bridges: Social Capital and Urban Harmony
Ч.Э	Unifying the Divided City 204
Ч.Ч	Addressing Rural-Urban Disparities for Harmonious Regional
	Development
4.5	Metropolitan Gouernance: Gouerning in a City of Cities
Bo	xes and City Stories
	rching for the soul of the city

Search	ing for the soul of the city	. 194
Identifying bonds and bridges in slum and non-slum areas of Addis Ababa		
	plus Rural as opposed to Urban versus Rural	
	Achieving Spatially Balanced Human Settlements in Cuba	
The Eu	ropean Spatial Development Perspective	. 225
Figu	'es	
4.2.1:	Levels of trust and community participation by country and settlement type in Latin America	. 197

Table

4.4.1:	Poverty and the rural-urban continuum	223
--------	---------------------------------------	-----

