Prototype Global Sustainable Development Report





PROTOTYPE GLOBAL SUSTAINABLE DEVELOPMENT REPORT

Design by formatoverde | 2015

United Nations Department of Economic and Social Affairs



Division for Sustainable Development

PROTOTYPE GLOBAL SUSTAINABLE DEVELOPMENT REPORT

Disclaimer: The views expressed in this publication are those of the authors and do not necessarily reflect those of the United Nations or its senior management. The terms 'country' and 'economy' as used in this Report also refer, as appropriate, to territories or areas; the designations employed and the presentation of the material do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its irontiers or boundaries. In addition, the designations of country groups are intended solely for statistical or analytical convenience and do not necessarily express a judgement about the stage of development reached by a particular country or area in the development process. The major country groupings used in this report follow the classification of the United Nations Statistics Division. Reference to companies and their activities should not be construed as an endorsement by the United Nations of those companies or their activities. The boundaries and names shown and designations used on the maps presented in this publication do not imply official endorsement or acceptance by the United Nations.
Suggested citation: United Nations (2014). Prototype Global Sustainable Development Report. New York: United Nations Department of Economic and Social Affairs, Division for Sustainable Development, July 2014.
nttp://sustainabledevelopment.un.org/globalsdreport/

Contributors and acknowledgements: This report was drafted by a team of UN staff led by Richard A. Roehrl, Policy Analysis Branch, Division for Sustainable Development, United Nations Department for Economic and Social Affairs (UN DESA). Inputs were provided by the United Nations Convention on Biological Diversity (CBD), United Nations Economic Commission for Latin America and the Caribbean (ECLAC), United Nations Economic and Social Commission for Asia and the Pacific (ESCAP), United Nations Economic and Social Commission for Western Asia (ESCWA), United Nations Economic Commission for Europe (ECE), Food and Agriculture Organization (FAO), International Labour Organization (ILO), International Maritime Organization (IMO), International Atomic Energy Agency (IAEA), Office of the High-Representative for the Least Developed Countries, Landlocked Developing and Small Island Developing States (OHRLLS), United Nations Convention to Combat Desertification (UNCCD), United Nations Environment Programme (UNEP), United Nations Educational, Scientific and Cultural Organization (UNESCO), United Nations Conference on Trade and Development (UNCTAD), United Nations Industrial Development Organization (UNIDO), United Nations Framework Convention on Climate Change (UNFCCC), United Nations Population Fund (UNFPA), United Nations Human Settlements Programme (UN-Habitat), World Food Programme (WFP), and World Bank (WB). The International Monetary Fund (IMF) participated as an observer. We are especially grateful for the contributions of many scientists and economists. Many experts have contributed to the report and/or reviewed it, including from the following 46 countries and regions: Austria, Australia, Albania, Brazil, Bosnia and Herzegovina, Canada, Chile, China, Cyprus, Egypt, France, Finland, Germany, Ghana, Greece, Guinea-Bissau, India, Italy, Israel, Japan, Kenya, Lao People's Democratic Republic, Lebanon, Lithuania, Malta, Mauritius, Montenegro, Norway, the Netherlands, the Philippines, Republic of Croatia, Russian Federation, Slovenia, Spain, Romania, Sweden, Switzerland, South Africa, Tanzania, Thailand, Trinidad and Tobago, Turkey, The United Kingdom of Great Britain and Northern Ireland, United Arab Emirates, United States of America and Qatar.

Contributions have been in the form of text, data, ideas, review, articles and/or participation in expert group meetings convened in support of the report. In addition, several thousand inputs were made anonymously through the crowdsourcing website - important contributions that are greatly appreciated.

United Nations staff contributors: Richard Alexander Roehrl, David O'Connor, Wei Liu, David Le Blanc, Chantal Line Carpentier, Irena Zubcevic, Maria Martinho, Nathalie Risse, Kebebush Welkema, Riina Jussila, Marion Barthelemy, Sami Areikat, Matthias Bruckner, Federica Pietracci, Florence Poppe, and Ola Goransson (UN DESA); Hitomi Rankine, Masakazu Ichimura, and Kilaparti Ramakrishna (ESCAP); Daniele Violetti and Fernando Castellanos Silveira (UNFCCC); Rafael Tuts (UN-Habitat); Amber Barth (ILO); Michael Herrman (UNFPA); Jesper Loldrup (IMO); Volli Carucci (WFP); Fatoumata Keita-Ouane, Jacqueline McGlade, and Jason Jabbour (UNEP); David Shropshire, Tom Alfstad, and Ferenc Toth (IAEA); Ulf-Gerrit Narloch, Michael Chaitkin and Oliver Knight (World Bank); Melchiade Bukur, Elysabeth David, Massimo Candelori, and Sergio Zelaya (UNCCD), Michael Kunz and Annukka Lipponen (ECE); Iulia Nechifor, Matthias Eck, Ana Persic, Salvatore Arico, Julian Barbière, Giovanni Boccardi, Siegfried Demuth, Qunli Han, Nazar Hassan, Blanca Elena Jiménez-Cisneros, Alexander Leicht, Philippe Pypaert, Hans Thulstrup, Jorge Luis Valdes, and Sarantuyaa Zandaryaa

(UNESCO); Didier Babin and David Coates (CBD); Raul Cabral (OHRLLS); Devin Bartley, Jonathan Reeves, and Pasquale Steduto (FAO); Robert Hamwey and Bonapas Onguglo (UNCTAD); Roula Majdalani and Riccardo Mesiano (ESCWA); Joselius Samaniego, Marcia Tavares, Diane Quarless, and Charmaine Gomes (ECLAC); Marina Plutakhina, Edward Clarence-Smith, and Adegboyega Ajani (UNIDO); Hughes Rierson (WFP); Magali Outters (Stockholm Convention on Persistent Organic Pollutants).

Academic and non-governmental organization contributors:

Bob Kates (University of Maine, USA), Kelly Sims Gallagher (Tufts University, USA), Juergen Friedrich Hake (Systemforschung und Technologische Entwicklung IEK-STE, Germany), Manuel Flores Montes (The South Centre), Huepe Minoletti (Universidad Diego Portales, Chile), Michael Zhao (IISD, China), Michele Biasutti (University of Padua, Italy), Ana-Maria Boromisa (Institute for Development and International Relations, Croatia), Magdalena A. K. Muir (Columbia University), Wenhan Xie (Chinese Academy of Surveying & Mapping), Fanghong Ye (Chinese Academy of Surveying & Mapping), Chen Shaofeng (Chinese Academy of Sciences, China), Chen Ying (Chinese Academy of Social Sciences, China), Cui Dapeng (Chinese Society for Sustainable Development (CSSD), China), Song Zheng (CSSD, China), Jiang Yi (CSSD, China), Gan Shijun (CSSD, China), Lucien Chabason (Institut du développement durable et des relations internationals, France), Maria Cortes-Puch (Sustainable Development Solutions Network (SDSN), Spain), Emilio D'Alessio (Associazione Agende 21 Locali Italiane, Italy), Alessandro Galli (Global Footprint Network, Switzerland), He Jianging (China National Engineering Research Centre for Human Settlements), China Architecture Design & Research Group (CAG), China), Huang Maoxing (School of Economics in Fujian Normal University, China), Liu Hua (United Nations Association of China), Liu Xuemin (Beijing Normal University), Liu Yi (Chinese Academy of Science), Pan Jiahua (Chinese Academy of Social Sciences), Qi Ye (Climate Policy Institute at Tsinghua, China), Markus Hametner (Vienna University of Economics and Business, Austria), Hachim Kennou (Mediterranean Water Institute, France), Albin Keuc (Gaja Sustainable Development Association, Slovenia), Raymond Saner (Basel University, Switzerland), Nenad Smodlaka (Institute 'Rudjer Bošković', Croatia), Natalija Koprivanac (University of Zagreb, Croatia), Tarik Kupusović (Hydro Engineering Institute, Bosnia and Herzegovina), Tuncay Neyisci (Akdeniz University, Turkey), Lidija Pavić Rogošić (ODRAZ, Croatia), Gayane Poghosyan (National Academy of Sciences of Armenia), Željka Škaričić (Regional Activity Center for the Priority Actions Programme, Croatia), Thomais Vlachogianni (Mediterranean Information Office for Environment, Culture and Sustainable Development, Greece), Keigo Akimoto (Research Institute of Innovative Technology for the Earth, Japan), Bert De Vries (Utrecht University, the Netherlands), Bassel Daher (Qatar Energy and Environment Research Institute, Qatar), Holger Hoff (Potsdam Institute for Climate Impact Research, Germany), Sarah Cornell (Stockholm Resilience Centre, Sweden), Charlie Heaps (Stockholm Environment Institute, USA), Holger Rogner (International Institute for Applied Systems Analysis, Austria), Måns Nilsson (Stockholm Environment Institute, Sweden), Magnus Andersson (Lund University, Sweden), Ola Hall (Lund University, Sweden), Souknilanh Keola (Institute of Developing Economies - Japan External Trade Organization, Japan), Anders Ahlström (Lund University, Sweden), David Wiberg (IIASA, Austria), Keywan Riahi (IIASA, Austria), David McCullum (IIASA, Austria), Robertus Dellink (OECD and Wageningen University, France), Siwa Msangi IFPRI, USA), Slobodan P. Simonović (The University of Western Ontario, Canada), Oliver Knight (World Bank), Mark Howells (Kungliga Tekniska Högskolan [KTH], Sweden), Manuel Weirich (KTH, Sweden), Constantinos Taliotis (KTH, Sweden), Sebastian Hermann (KTH, Sweden), Rebecca Segerstroem (KTH, Sweden), Deepak Sharma (University of Technology, Australia), Wu Jingshen (Hong Kong University of Science and Technology, China), Nancy Chen (University of California Santa Cruz, USA), Hans Herren (Millennium Institute, USA), Mayumi Sakoh (Millennium Institute, USA), Myanna Lahsen (Brazilian Institute for Space Research, Brazil), Christian Flachsland (Mercator Institute, Germany), Bob Brinkmann (Hofstra University, USA), Gisbert Glaser (ICSU), Heide Hackmann (International Social Science Council), Sainan Zhang (Arizona State University, USA), Jesse Ausubel (Rockefeller University, USA), Detlef van Vuuren (PBL, the Netherlands), Matthew Salganik (Princeton University, USA), Anastassia Makarieva (Russian Academy of Sciences), Mori Shunsuke (Tokyo Science University, Japan), Jill Jaeger (SERI, Austria), Bob van der Zwaan (Energy Research Centre of the Netherlands), Peter Haas (University of Massachusetts Amherst, USA), Alex Evans (New York University, USA), Emanuela Colombo (Politecnico di Milano, Italy), Klas Sandell (Karlstad University, Sweden), Johan Oehman (Örebro University, Sweden), Giovanni Bidoglio (EU-JRC), Ida Kubiszewski (Australian National University, Australia); Guao Risheng, Peng Sizhen, Liu Rongxia, Sun Xinzhang, Wand Wentao, Wandg Zhigiang, Yao Na, Zhang Jiutian, Zhang Qiaoxian, Zhou Hailin, and Song Min (ACCA21, China); Yu Hongyuan (Shanghai Institutes for International Studies, China), Wang Chunfeng (APFNet and Climate Change Office SFA, China), Wei Yiming (Beijing Institute of Technology, China), Xie Gaodi (Institute of Geographical Science and Natural Resources Research (IGSNRR), China), Xie Zheng (Public Health college, BKU, China), Xue Lan (Tsinghua University, China), Yu Jie (The Nature Conservancy's China Program, China), Zhang Haibin (Peking University, China), Zhu Daijan (Tongji University, China), Zhang Xiliang (TsingHua, China), Zhang Shigiu (Peking University, China); David Sonnenfeld, Annisa Dian Pratiwi, Chao Jiang, Cherry Ignacio, Lina Camargo, Nargis Artyushevskaya, Rakhshinda Bano, and Whitney Forman-Cook (SUNY-ESF, USA); Bettina Bluemling, Carmen Chan, Giulia Bongiorno, Jasmijn Appels, Katja Kuivanen, Niké Buijze, Rogier "Justin" Reemer, and Stan Willems, Cor Langeveld, Rolf Groeneveld, Jan van Tatenhove, Ekko van Ierland, Siimen Schoustra, Gosse Schraa, Marc Verdegem, Theun Vellinga, Aart van der Linden, Arnold van Huis, Gerrie van de Ven, Xuegin Zhu, João Nunes Vieira da Silva, Erik de Bakker, Willem van Berkel, Peter Oosterveer, Maurice Franssen, Hans-Peter Weikard, Oene Oenema, and Ma Lin (Wageningen University, the Netherlands); Rakhyun E. Kim (McGill University, Canada); Appy Sluijs (Utrecht University, the Netherlands), Scott Doney (Ocean and Climate Change Institute, Woods Hole Oceanographic Institution, USA); Henk Westhoek and Durk Nijdam (PBL, the Netherlands); Leo den Hartog (Nutreco & Co., the Netherlands), Roslynn Brain (Utah State University, USA), Danielle Nierenberg (Food Tank, USA), Athanasios Krystallis (Aarhus University, Denmark), Pete Smith (University of Aberdeen, England), Teresa Pereira Heath (Nottingham University Business School, England), Elin Röös (Swedish University of Agricultural Sciences, Sweden), Filippo Corsini (Scuola Superiore Sant'Anna, Italy), Sunil Herat (Griffith University, Australia), Kees van Leeuwen (Utrecht University, the Netherlands), Brett Robinson (Lincoln University, New Zealand), Josh Maiyo (VU University Amsterdam, the Netherlands), Oane Visser (International Institute of Social Studies), Hyosun Bae, Zoraida Velasco, Geoff Carr, William Daley, Margaret McKenzie, Zdenka Myslikova, Rajiv Nair, E. Peyton, and

Nicholas Zimmermann (Tufts University, USA), Adeline Tay, Kuhuk Bhushan, Liliana Davila, Nisma Elias, Rini Aich, Shaxuan Lizzie Shan, Shweta Bhogale (Yale University, USA).

Contributing government officials in their expert capacity:

Wang Weizhong (China), Liu Yanhua (China), Cai Zhiping (China), William Colglazier (USA), Henrique Dolabella (Brazil), Andre Simas Magalhães (Brazil), Atwa Hussein Ahmed Atwa (Egypt), Nancy Butijer (Croatia), Vesna Batistić (Croatia), Dalija Budiša (Croatia), Marijana Mance Kowalsky (Croatia), Adarsh Swaika (India), Sergey Kononuchenko (Russian Federation), Thomas Hansteen (Norway), Emil Gjeset (Norway), Zheng Han (USA), Maitha Alkaabi (UAE), Mei Zhang (UAE), Indoomatee Ramma (Mauritius), Diana Achimescu (Romania), Charalambos Hajipakkos (Cyprus), Jelena Knežević (Montenegro), Marina Marković (Montenegro), Asaf Tzachor (Israel), Franck Lauwers (Malta), Ornela Shoshi (Albania), Gladys Ghartey (Ghana), Laima Jurevičienė (Lithuania), Jorge Laguna-Celis (Mexico), Song Lei (China), Xia Cheng (China), Yu Hai (China), Yang Liu (China), Zhang Shujun (China).