



Sustainable Consumption and Production

A Handbook for Policymakers

Global edition

Released on World Environment Day 2015



World Environment Day 2015
**Seven Billion Dreams.
One Planet.
Consume with Care.**
June 5

Copyright © United Nations Environment Programme, 2015

This publication may be reproduced in whole or in part and in any form for educational or non-profit purposes without special permission from the copyright holder, provided acknowledgement of the source is made. UNEP would appreciate receiving a copy of any publication that uses this publication as a source.

No use of this publication may be made for resale or for any other commercial purpose whatsoever without prior permission in writing from the United Nations Environment Programme.

Disclaimer

The designations employed and the presentation of the material in this publication do not imply the expression of any opinion whatsoever on the part of the United Nations Environment Programme concerning the legal status of any country, territory, city or area or of its authorities, or concerning delimitation of its frontiers or boundaries. Moreover, the views expressed do not necessarily represent the decision or the stated policy of the United Nations Environment Programme, nor does citing of trade names or commercial processes constitute endorsement.

ISBN: 978-92-807-3364-8

UNEP
promotes environ-
mentally sound practices
globally and in its own activities.
This publication is printed on 100%
eco-fibers paper, using vegetable
-based inks and other eco-friendly
practices. Our distribution policy aims
to reduce UNEP's carbon footprint.

Sustainable Consumption and Production

A Handbook for Policymakers

Global edition

Contents

Foreword	3
Acknowledgements	4
List of Acronyms	5
Introduction	7

Part A : AN INTRODUCTION TO SCP POLICY 8

1 Introduction to Sustainable Consumption and Production (SCP)	9
1.1 Defining SCP	10
1.2 Why is SCP important for sustainable development?	12
2 The Fundamentals of SCP	33
2.1 Linkages between poverty reduction and SCP	34
2.2 Life-cycle thinking and a systems approach	37
3 The 10YFP and International Collaboration on SCP	47
3.1 The evolution of SCP in international policy	48
3.2 International collaboration on SCP	53
4 Policy Development	61
4.1 The policy cycle	62
4.2 Policy tools and instruments for SCP	68
5 Policy Implementation	79
5.1 Obtaining political support and mainstreaming the SCP agenda	80
5.2 Structures and processes for policy implementation	86
6 Monitoring and Evaluation	93
6.1 Understanding monitoring and evaluation	94
6.2 SCP indicators	97

Part B : THEMATIC POLICY OPPORTUNITIES 106

7 Resource Efficiency and Cleaner Production	107
8 Sustainable Lifestyles	117
8.1 Supporting sustainable consumption choices	118
8.2 Choice editing and restrictions on advertising	128
8.3 Sustainable products and product information	131
9 Strategic Investments Towards Resource Efficient Cities	139
10 Sustainable Public Procurement (SPP)	157
11 Sustainable Tourism	167
Overarching policy opportunities	179
12 Fiscal Reforms	180
13 Redefining Education for SCP	188
14 Energy Efficiency	198

References	207
-------------------	-----

Foreword

As the financial and environmental costs of resource depletion and negative ecological impacts begin to affect economic growth, countries around the world need to find ways to manage finite resources while meeting the needs of a growing and increasingly urban world population. By integrating sustainable consumption and production (SCP) patterns into national development planning and implementation, policymakers can make it easier and cheaper to produce goods and services more efficiently, with lower risks to humankind and the environment.

For example, recent research undertaken by United Nations Environment Programme (UNEP) shows that improved efficiency can reduce energy demand by 50 to 80 per cent for most production and utility systems. Some 60 to 80 per cent improvements in energy and water efficiency are commercially viable in sectors such as construction, agriculture, hospitality, industry and transport. The means to achieving such efficiency gains are outlined for the first time in this comprehensive publication. "Sustainable Consumption and Production : A Handbook for Policymakers" is launched at the occasion of World Environment Day 2015 and it is a direct contribution of UNEP towards the implementation of the 10-Year Framework of Programmes on SCP (10YFP), which was formed in response to the recommendations of the Rio+20 Summit. These called for greater support for developing countries to adopt more sustainable patterns of consumption and production.

The handbook contains a rich compilation of SCP definitions, case studies from all over the world, policy instruments, policy implementation processes, monitoring and evaluation methodologies and indicators. It also contains compelling data on both the impact of unsustainable consumption and production, and the efficiency gains to be made by mainstreaming SCP patterns.

Using this handbook, UNEP and its partners have already implemented capacity building activities that are leading to the development of SCP policies at national levels.

We hope that the guidance provided in this very practical publication will assist governments and other organizations to use SCP policies and tools to realize national development goals through greater resource efficiency gains, lower production costs and job creation. Better management of consumption patterns through smart policies and smart living will help create an alternative model of economic growth, in which the needs of the many are better met by the smarter management of precious resources.



Achim Steiner

Under-Secretary-General of the United Nations
and Executive Director, United Nations Environment Programme (UNEP)

Acknowledgements

This Handbook is an output of UNEP's work towards the implementation of the 10-Year Framework of Programmes on Sustainable Consumption and Production (SCP). This global edition is based on a pilot edition for Asia and the Pacific region that was developed under the EU funded and UNEP managed Regional Policy Support Component of the SWITCH-Asia programme. The Handbook is based on original work authored by a group of senior experts and UNEP staff and previous work that UNEP has compiled on SCP over the last ten years. While any complete reference should acknowledge hundreds of individuals that have contributed to UNEP's work on SCP, only the core team that developed and reviewed this work is acknowledged.

Concept, Supervision and Global Coordination: Stefanos Fotiou

Outline: Stefanos Fotiou, Lewis Akenji, Magnus Bengtsson, Emily Briggs

Regional Coordination and Inputs

Africa: Patrick Mwesigye

Asia and the Pacific: Stefanos Fotiou and Janet Salem

Europe: Rie Tsutsumi

Latin America and the Caribbean: Ines Freier and Mara Murillo

North America: Hilary French

West Asia: Fareed Bushehri

Authors: Lewis Akenji, Magnus Bengtsson, Emily Briggs, Anthony Chiu, Giuseppe Daconto, Zinaida Fadeeva, Stefanos Fotiou, Rajan Gandhi, Charlie Mathews, Graciela Metternicht, Brahmanand Mohanty, Janet Salem, Janya Sang-Arun, Tunnie Srisakulchairak, Heinz Schandl, Mario Tabucanon

Editor: Emily Briggs

Reviewers and Contributors

Khairon Abbas, Charles Arden-Clarke, Sandra Averous, Garrette Clarke, Loraine Gatlabayan, Curt Garrigan, Arab Hoballah, Solange Montillaud-Joyel, Patrick Mwesigye, Soraya Smaoun, Anna Stabrawa, Sonia Valdivia, Farid Yaker, Adriana Zacarias

Logistic and Technical Support: Chanthakarn Junnatasna, Eme R. Tan

Design/Layout: Peerayot Sidonrusmee

Cover photo: Idris Prasetiawan

List of Acronyms

10YFP	10 Year Framework Programmes
3R	Reduce, Reuse, Recycle
ADB	Asian Development Bank
AEAP	ASEAN Environmental Education Action Plan
AfDB	African Development Bank
PELL	Awareness and Preparedness for Emergencies at Local Level
APFED	Asia-Pacific Forum for Environment and Development
ASEAN	Association of Southeast Asian Nations
CP	Cleaner Production
CP4BP	Cleaner Production for Better Products
CSR	Corporate Social Responsibility
D4S	Design for Sustainability
DE	Domestic Extraction
DMC	Domestic Material Consumption
EBTR	Ecological Budget and Tax Reform
ESD	Education for Sustainable Development
GDP	Gross Domestic Product
GHG	Green House Gases
GSTC	Global Sustainable Tourism Council
IMO	International Maritime Organization
LP	Labour Productivity
MEA	Multilateral Environmental Agreement
MP	Marrakesh Process
MTF	Marrakesh Task Force
NRDC	Natural Resource Defence Council
PPP	Purchasing Power Parity
OECD	Organisation for Economic Co-operation and Development
PSM	Process Safety Management
PTB	Physical Trade Balance
RE	Resource Efficiency
RECP	Resource Efficiency and Cleaner Production
SCP	Sustainable Consumption and Production
SPP	Sustainable Public Procurement
SPIN	Sustainable Product Innovation
TVET	Technical and Vocational Education and Training
TPES	Total Primary Energy Supply
UNEP	United Nations Environment Programme
UNESCAP	United Nations Economic and Social Commission for Asia and the Pacific
UNESCO	United Nations Education, Scientific and Cultural Organization
UNIDO	United Nations Industrial Development Organization
UNU/IAS	United Nations University/Institute of Advanced Studies
UNWTO	United Nations World Tourism Organization
WTO	World Trade Organization



预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_15490



云报告
<https://www.yunbaogao.cn>

云报告
<https://www.yunbaogao.cn>

云报告
<https://www.yunbaogao.cn>