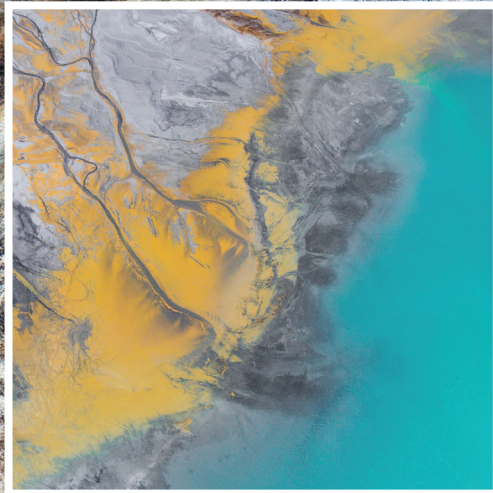


UNECE

Standards for the Sustainable Development Goals



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Standards for the Sustainable Development Goals



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ABSTRACT

This publication provides an overview of how international standards are used by policymakers to support sustainability and the achievement of the Global Goals. It is based on case studies that illustrate the use of standards for: SDG 6 Clean Water and Sanitation; SDG 7 Affordable and Clean Energy; SDG 11 Sustainable Cities and Communities; and SDG 13 Climate Action.

The publication documents the practical experience of regulatory authorities, governments and local administrations, as well as regional groups of countries, in using standards towards the implementation of the 2030 Agenda. With examples ranging from the subnational and national to the global levels, and from all regions, we hope this reading will inspire you to consider your local context and how you may apply standards to best realise the Global Goals in your constituency.

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ABBREVIATIONS

ACT	Assessing Low-Carbon Transition
AHP	Analytic Hierarchy Process
ARSO	African Organization for Standardization
BNPB	Indonesian National Authority for Disaster Management
BPBD	Regional Disaster Management Agency
CAP	Common Alerting Protocol
CDP	Carbon Disclosure Project
CFL	Compact Fluorescent Light
CPC	Cleaner Production Centre
DNP	National Planning Department
DRR	Disaster Risk Reduction
DWR	Department of Water Resources
DWS	Department of Water and Sanitation
EER	Energy Efficiency Ratio
EMA	Eco Mark Africa
EPE	Empresa de Pesquisa Energética
ERM	Radio Spectrum Matters
EU	European Union
FEMA	Federal Emergency Management Agency - United States of America
FIWARE	Open Source Platform for Our Smart Digital Future
GAMA-InaTEK	Centre for Disaster Mitigation and Technological Innovation
GHG	Greenhouse Gas
GHS	General Household Survey
HDFS	Hadoop Distributed File System
ICT	Information and Communications Technology
IEA	International Energy Agency
IEC	International Electrotechnical Commission
IEEE	Institute of Electrical and Electronics Engineers
IoT	Internet of Things
IPAWS	Integrated Public Alert and Warning System
ISO	International Organization for Standardization
ITS	Intelligent Transportation Systems
ITU	International Telecommunication Union
IUCN	International Union for Conservation of Nature
IWS	Independent Water Schemes
JSON	JavaScript Object Notation
KEMENDES	Ministry of Village, Development of Disadvantaged Regions and Transmigration of Indonesia
KPI	Key Performance Indicator
LAO	Local administration organization
MDG	Millennium Development Goals
MEPS	Minimum Energy Performance Standards
MOH	Ministry of Health
NGCC	Next Generation Core Competencies
NGO	Non-Governmental Organization

NOAA	National Oceanic and Atmospheric Administration
NTCIP	National Transportation Communications for Intelligent Transportation System Protocol
OCIT	Open Communication Interface for Road Traffic Control Systems
PPP	Public-Private Partnership
PV	Photovoltaic
QSVS	Quality Standard on Assessing Village Water Supply Systems
R&D	Research and development
RFID	Radio frequency identification
RSS	Rich Site Summary
SCATS	Sydney Coordinated Adaptive Traffic System
SCOOT	Split Cycle Offset Optimization Technique
SDG	Sustainable Development Goals
SIDS	Small Island Development States
SMEs	Small and Medium Enterprises
SNDWS	Samoa National Drinking Water Standards
SOP	Standard Operation Procedure
SRD	Short Range Devices
SSC	Smart Sustainable Cities
SV	Spontaneous Volunteers
SWA	Samoa Water Authority
TAREA	Tanzania Renewable Energy Association
TCO	Total Cost of Ownership
U4SSC	United for Smart Sustainable Cities
UGM	Universitas Gadjah Mada
UK	United Kingdom
UN	United Nations
UNDP	United Nations Development Programme
UNFC	United Nations Framework Classification for Resources
US	United States
VLCi	València Smart City Platform Project
VNR	Voluntary National Reviews
WHO	World Health Organization
WMO	World Meteorological Organisation
WSP	Water Safety plan
XML	Extensible Markup Language
ZABS	Zambia Bureau of Standards

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