



INTEGRATED APPROACHES IN ACTION

A COMPANION TO THE INTERNATIONAL
GOOD PRACTICE PRINCIPLES FOR
SUSTAINABLE INFRASTRUCTURE



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ABBREVIATIONS AND ACRONYMS

TERM	DEFINITION
ADB	Asian Development Bank
AfDB	African Development Bank
AIIB	Asian Infrastructure Investment Bank
BCA	Building and Construction Authority
BRI	Belt and Road Initiative
CONADI	National Corporation for Indigenous Development
CoST	Infrastructure Transparency Initiative
CO2	Carbon dioxide
DARPAR	Decision Analysis for Research and Planning
EFSI	European Fund for Strategic Investments
EIA	Environmental Impact Assessment
EIB	European Investment Bank
EITI	Extractive Industries Transparency Initiative
EU	European Union
EUR	Euro
FAO	Food and Agriculture Organization of United Nations
FIT	Feed-in Tariff
FOEN	Swiss Federal Office for the Environment
FONAG	Quito Water Fund
FORAGUA	Regional Water Fund in southern Ecuador
GDP	Gross Domestic Product
GGBS	Ground Granulated Blast Furnace Slag
GIS	Geographic Information Systems
GW	Gigawatts
ICQHS	International Center on Qanats and Historic Hydraulic Structures
ICT	Information and Communications Technology
IEA	International Energy Agency
ILO	International Labour Organization
IMF	International Monetary Fund
IRP	International Resource Panel
ITRC	Infrastructure Transitions Research Consortium
ITU	International Telecommunication Union

ABBREVIATIONS

IUCN	International Union for Conservation of Nature
kWh	Kilowatt-hours
MET	Mass Engineered Timber
NAP	National Adaptation Plan
NDCs	Nationally Determined Contributions
NIPP	National Integrated Planning and Programme Unit
NISMOD	National Infrastructure Systems Model
NUS	National University of Singapore
OCP	Open Contracting Partnership
OC4IDS	Open Contracting for Infrastructure Data Standard
OECD	Organisation for Economic Co-operation and Development
OFC	Optical Fiber Cable
PAGE	Partnership for Action on Green Economy
PMGSY	Pradhan Mantri Gram Sadak Yojana
Powi	Wind farm Poysdorf-Wilfersdorf V
PV	Photovoltaic
RCA	Recycled Concrete Aggregates
R&D	Research and Development
SDE4	School of Design and Environment 4
SDGs	Sustainable Development Goals
SIP	Sustainable Infrastructure Partnership
SMEs	Small and Medium-sized Enterprises
S4H	Solar for Health
TNC	The Nature Conservancy
UNDESA	United Nations Department of Economic and Social Affairs
UNDP	United Nations Development Programme
UNDRIP	United Nations Declaration on the Rights of Indigenous Peoples
UNEA	United Nations Environment Assembly
UNEP	United Nations Environment Programme
UNESCAP	United Nations Economic and Social Commission for Asia and the Pacific
UNESCO	United Nations Educational, Scientific and Cultural Organization
UNICEF	United Nations International Children's Emergency Fund
UNOPS	United Nations Office for Project Services
USAID	United States Agency for International Development
USD	United States dollar
WHO	World Health Organization
ZEB	Zero Energy Building

EXECUTIVE SUMMARY

Integrated approaches to sustainable infrastructure have been well conceptualized, but good examples at the systems-level are less commonly found around the world. With “mega trends” emerging in investment, natural resource and energy use, a normative framework is required to guide and illustrate priority directions.

This collection of case studies illustrates some of the salient aspects of the *International Good Practice Principles for Sustainable Infrastructure*. Documenting integrated approaches in action, it provides real-world examples of the good practices set out in the principles. The report presents ten case studies with broad geographic representation, across sectors, covering diverse forms of infrastructure:

1.

SAINT LUCIA'S NATIONAL INFRASTRUCTURE ASSESSMENT, highlighting cross-government planning and alignment with the United Nations Sustainable Development Goals and the Paris Agreement.

2.

DIGITAL INFRASTRUCTURE IMPROVEMENTS FOR CONNECTIVITY AND RESILIENCE IN AFGHANISTAN, addressing the need for flexible solutions to provide citizens and enterprises with opportunities in the face of crisis.

3.

LANDSCAPE-SCALE PLANNING TO SUPPORT CONSERVATION, NOMADIC LIVELIHOODS AND SUSTAINABLE DEVELOPMENT IN MONGOLIA, detailing upstream measures to safeguard the multiple dimensions of sustainability.

预览已结束，完整报告链接和二维码如下：

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