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FIDIC & Sustainability

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International Federation of Consulting Engineers
The Global Voice of Consulting Engineers

www.fidic.org

FIDIC Strategic Objectives

What FIDIC does

Represent globally the consulting engineering industry
Enhance the **image** of consulting engineers

Global Voice of Consulting Engineers



Representing 1.5 million CE professionals in 100 countries



FIDIC Strategic Objectives

What FIDIC offers the industry

Be the authority on issues relating to **business practice**

Promote the development of a **global** and viable consulting engineering industry

Business Best Practice Tools & Guidelines

Committees
Business Days
Members
Training
Groups
Volunteers
Task Groups
Learning
Conferences
Risk Management
Online Training



FIDIC Strategic Objectives

What are FIDIC's governing principles

Promote **quality**

Actively promote conformance to a code of **ethics** and to **integrity**

Promote commitment to **sustainable** development

Committed to Quality, Integrity & Sustainability



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How FIDIC is responding to the needs of the international construction industry :Keep the industry's concerns on the agenda

Regular meetings as the industry's voice

The World Bank
Asian Development Bank
European Bank for Reconstruction and Development
Inter-American Development Bank
African Development Bank
Islamic Development Bank



WB
ADB
EBRD
IADB
ADB
IDB

Strategic partnerships

Joint activities to develop business practice

International Standards Organization
International Labour Organization
World Federation of Engineering Organizations
United Nations Environment Program
Confederation of International Construction Associations
Transparency International
Federation of Consultants from Islamic Countries
Organisation for Economic Co-operation and Development

ISO
ILO
WFEO
UNEP
CICA
TI
FCIC
OECD



Works Contracts – Rainbow Collection



FIDIC publishes internationally recognized forms of contract for infrastructure and building works, suited for all delivery forms



More than 40,000 copies supplied each year, 26 languages!



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Sustainability



FIDIC Sustainability Pack



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Sustainable Issues in PSM

- CONSERVE: Energy Water material
- PROTECT: Environment / Health & Safety /Human rights

Engineering issues in PSM

- Integrate Project sustainability within the project development process
- Include client objective
- Stakeholder involvement & civil society
 - What is the right community?
- Goal selection
- Resilience planning
 - Design for 50 years to resist to changes in climate conditions





How to Monitor/ report / verify?

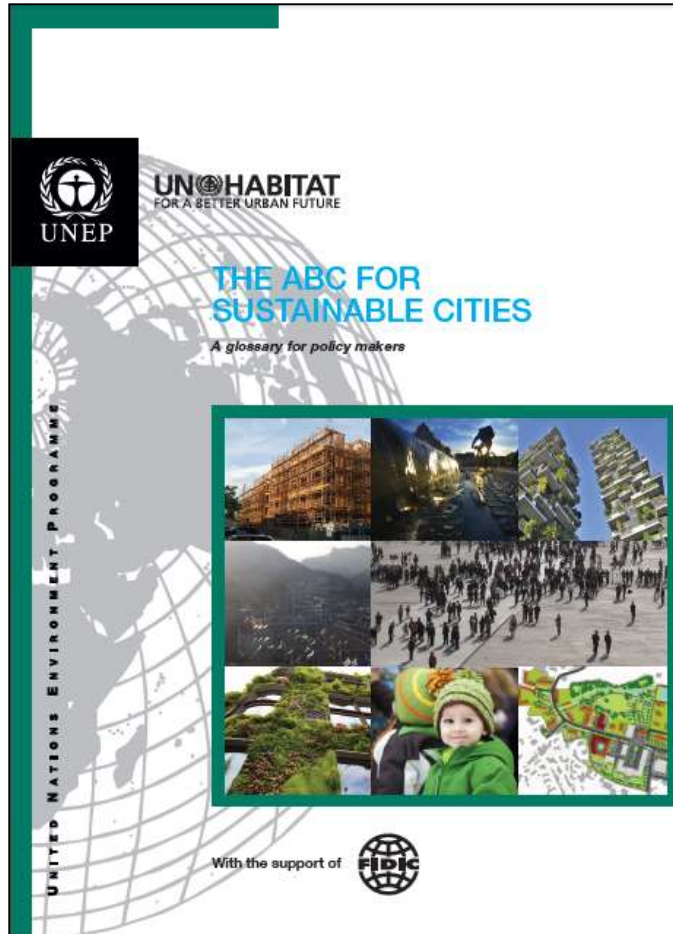
- 1. Find/ select appropriate parameters & certification matching local conditions
 - Planning/Design/Construction/Operation/End of life
- 2. Report: Select the right platform to share information with the stakeholders
- 3. Verify: Need for a third party to validate and control
 - NGO / Local citizen association



Rethink Cities

White Paper on sustainable urban development through a holistic approach: cooperation, systems and synergies





The ABC for Sustainable cities

- UNEP and FIDIC announced the publication of the international glossary on sustainable cities for COP21. Its goal is to enhance synergies between leading international organizations on sustainability (UNEP, UN-Habitat, ICLEI, C40, ISO, ITU, CEN, CENELEC ETSI) .
- It is vital that all considered urban goals (sustainability, smartness, resilience, resources efficiency,...) do not overlap in order to promote them to all city stakeholders, foster their application in the real world and support the growth of a sustainable urban market place.
- => <http://fidic.org/content/abc-sustainable-cities>



FIDIC is a Associate Partner of the World Urban Campaign since 2015



FIDIC is a partner of the HABITAT Professionals Forum



How to evaluate project capacity to adjust to a changing context

- The right Governance model
 - Local Authorities / Owner / Consultant / Researcher/ Civil society
- The right project with holistic approach included in a program
- The right community
- The right technology (BIM?)
- The right contracting platform (ITER)
- The right Dispute Board Mechanism (ITER)



How can we define a continuous approach?

- Keep enlarging the involvement of the community
 - Use of reporting platform to share content
 - Keep governance open to new participants
- Use BIM and multicontracting to allow interface management
 - innovation between projects
 - Allow variation
 - Include new technology
- Implement permanent Dispute Boards
- Keep a dynamic finance model and risk sharing option





Marrakesh
2016



**INTERNATIONAL
INFRASTRUCTURE
CONFERENCE**

25 - 27 September



International Federation of Consulting Engineers

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