



Sustainable cities and communities

ISO/TC 268

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Liaison report from FIDIC (Category A liaison)

COMMENTARIES /

Please find below the annual liaison report from the International Federation of Consulting Engineers (FIDIC), Category A liaison of ISO/TC 268, to the forthcoming ISO/TC 268 plenary meeting to be held on April 12th 2019.

DECISIONS

FOLLOW UP

Meeting on 2019-04-12

SOURCE

FIDIC (Jean FELIX)



FIDIC Committee:	<i>EFCA/FIDIC Sustainable Development Committee</i>
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Committee Chair:	<i>Jean FELIX</i>
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I - Progress Report

PROJECT	TASKS ACHIEVED
<p>1. PARTNERING WITH MAJOR RELEVANT INTERNATIONAL INITIATIVES RELATED TO SUSTAINABLE DEVELOPMENT GOALS (SDGs)</p>	<p>1. FIDIC is a member of the United Nations Habitat / World Urban Campaign (WUC) *; the HPF Habitat Professional Forum; and the International Federation of Housing and Planning (IFHP). These partnerships were consolidated in Kuala Lumpur at the KL 2018 Meeting for Professionals' Contributions to UN-Habitat New Strategic Plan.</p> <p>2. FIDIC is partner of the United Nations Sustainable Development Goals (SDGs) National Defined Contribution Working Group, and other relevant international organizations like UNFCCC BINGO (Business and Industry NGOs).</p> <p>*The WUC includes a group of major International federations of professionals of the built environment (e.g. UIA Architects, ISOCARP Town Planners, RICS Quantity Surveyors).</p>
<p>2. FIDIC OFFICIAL STATEMENTS / POSITION PAPERS ON CLIMATE CHANGE</p>	<p>1. "The Consultancy and Engineering Industry Commitments for Sustainability Development", a FIDIC official statement adopted by the FIDIC Board in September 2017 and promoted at the COP23 in Bonn. It streamlines SD Com action plans.</p>
<p>3. CONTRIBUTION WITH LEGAL, REGULATORY AND STANDARDIZED FRAMEWORK ON SUSTAINABILITY ISSUES</p>	<p>The Committee provided support for a Sustainable Development and Holistic Approach for Construction and Cities (especially ISO 37101). This was achieved through the following activities:</p> <p>1) Contribution to a "NWIP" GUIDANCE FOR PROJECT DEVELOPERS", presented at the ISO TC 268 WG1 meeting in Moscow in October 2018, which will be finalized by April 2019.</p> <p>2) Contribution to Smart Infrastructure Standardization</p>



	<p>Framework (ISO 37155) part of ISO TC 268 SC1 set of standards for smart sustainable infrastructures.</p> <p>3) Participation of EFCA (Federation representing FIDIC in Europe) in the group of European Standardization on Sustainable Construction CEN CENELEC TC 350, and as a member of the CEN CENELEC ETSI Sector Forum</p>
<p>4. BEST PRACTICES FOR SUSTAINABLE DEVELOPMENT REQUIREMENTS</p>	<p>1. FIDIC WEBINARS AND TRAINING to raise awareness on Urban Sustainability Management as a requirement for ISO 37.101. These were organized in partnership with UNEP, ICLEI, GLOBAL CITIES, ISOCARP in 2018.</p> <p>2. GUIDANCE ON PROCUREMENT SUSTAINABLE BUILDINGS AND CONSTRUCTION – FIDIC contributed to the review of this document, published by UN Environment, October 2018, especially for the chapter “Call for Tenders”.</p> <p>3. MOOC ONLINE COURSES to raise PUBLIC SECTOR EXPERTISE ON DEPLOYMENT OF SUSTAINABLE INFRASTRUCTURE – FIDIC contributed to the chapter of the perspective of the contract for procurement of sustainable projects. The chapter referred to Urban Sustainability Management (ISO 37101). MAVA (Swiss foundation) entrusted GIB and EPFL (<i>Ecole Polytechnique Fédérale de Lausanne</i>) to develop these courses with FIDIC support. They will be useful to raise awareness for future international campaigns being prepared.</p>
<p>5-CONTRIBUTION TO INTERNATIONAL EVENTS RELATED TO SD MATTERS</p>	<p>1. COP24 KATOWICE – FIDIC was invited by relevant international institutions and organizations for collaboration on Sustainability Development issues.</p> <p>2. SERIES OF NATIONAL AND REGIONAL CONFERENCES ON SUSTAINABLE BUILT ENVIRONMENT (SBE) – Events organized jointly with iiSBE, UNEP, CIB. These series of conferences will lead discussions for the next World SBE Conference taking place in Gothenburg, Sweden from 9-11 June 2020.</p>

II - Pending Tasks

OBJECTIVE 1: FIDIC Partnership with major international initiatives working on the implementation of SDGs, and with all organizations and stake holders working with the urban built environment (architects, quantity surveyors, urbanists, contractors, etc.).



Related tasks:

- **Participation in next UN Habitat/WUC Working Groups, Steering Committee**
- **Contribute to the preparation of UN Habitat Strategic Plan 2020-2025**
- **Implementation of FIDIC collaboration agreements with IFHP/HPF – UN Habitat for “a collaborative mapping of sustainable urban built environment stakeholders”** jointly with other international federations of architects, quantity surveyors, town planners, and contributions to WGs.
- **Contribute to the United Nations SDGs, “National Defined Contribution” Working Group.**

OBJECTIVE 2: Keep up to date “FIDIC Commitments for Sustainable Development” to promote and monitor its use by the consulting and engineering industry as a quality label. *

Related tasks:

- Review FIDIC Commitments with FIDIC Young Professionals and Future Leaders to promote further their use in the industry.
- Develop partnerships with other international bodies.

**With improved consideration on net zero carbon infrastructure, net zero building WBCSD initiatives, incorporating nature based solutions, beyond rethink cities.*

OBJECTIVE 3: Continue supporting the action for the improvement of the Legal, Regulatory and Standardized Framework with a focus on Smart Sustainable Cities and Communities.

Related tasks:

- Keep an active participation and representation of the committee as liaison in ISO TC 268.
- Contribute to G ABC Working Groups (adaptation, localized infrastructure, etc.).
- Follow up with other organizations and initiatives (World Bank review, consolidation of Envision, ICASA, SuRe and CEEQUAL).

OBJECTIVE 4: Promote FIDIC Best business practices among partners, clients for the inclusion and implementation of SD requirements.

Related tasks:

- Finalize FIDIC collaboration with GIB/EPFL on MOOC online courses for building public sector expertise on the deployment of sustainable infrastructure: MOOC to be tested in Morocco before the launch of a global world training campaign in 2019.
- Prepare targeted FIDIC Training sessions for professionals working with sustainable matter in the industry or partners of it. These sessions will be created as a response to the questions raised during FIDIC webinars on ISO 37101 conducted in 2018.
- Update the FIDIC platform supporting its SD toolkits.

OBJECTIVE 5: Support the introduction of SD challenges in the built environment targeting professionals from all levels, from project development to global built policy makers.



Related tasks 5:

- **FIDIC Partnership with ICC** to be enhanced for representing business and industry at COP negotiations through ICC/BINGO (Business, Industry, NGO). ICC is UNFCCC focal point accordingly.
- Ensure FIDIC participation at the next COP 25 which will take place from 11-22 November 2019 in Chile.
- **Achieve UNFCCC/UNIDO/CTCN (*) membership** and potential creation of UNFCCC/IPCC World Adaptation Engineering Programme as part of the World Climate Programme.

**CTCN is the operational arm of the United Nations Framework Convention on Climate Change (UNFCCC) Technology Mechanism and is hosted by the United Nations Industrial Development Organization (UNIDO) and the United Nations Environment.*

III - Future Plans & Activities

Support the active contribution of the consulting and engineering industry for sustainable, smart and resilient buildings, equipment and infrastructures.

The committee aim is to update FIDIC publications related to sustainable development (SD), the FIDIC SD Commitments, and guidelines.

Ensure an efficient promotion of the above-mentioned publications for their use in all relevant digital tools.

Further development of FIDIC training courses, webinars and campaigns with the support of international organizations and activities like MAVIA MOOC, the UNEP's Sustainable Procurement publication, and ISO's guide for project developers.