

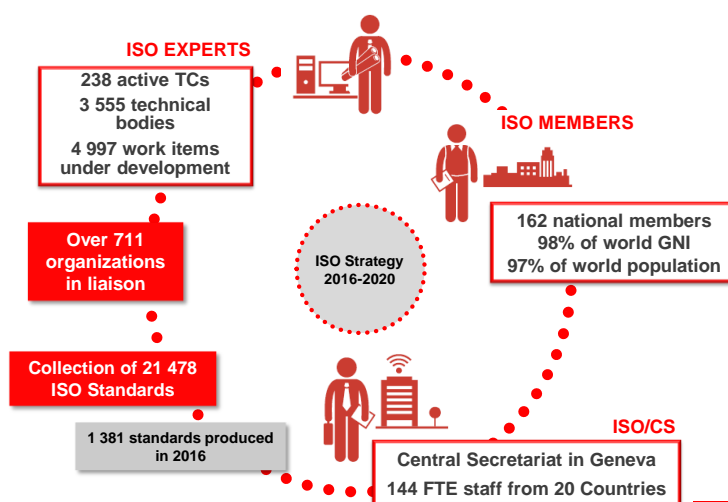
International Standards Supporting the SDGs

5th annual meeting of IOs
12 April 2018, Geneva

José ALCORTA – ISO Head of Standards Development (group 2)



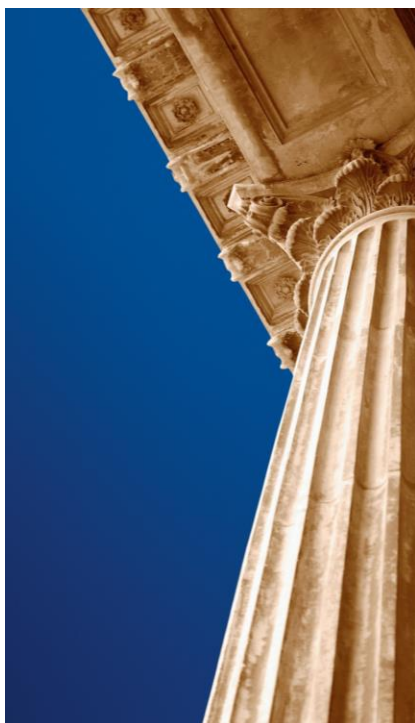
ISO – a global system





What are IS?

- Represent **global consensus** on a solution to a particular issue (= globally applicable)
- Embody universally agreed procedure or practice
- Provide requirements, specifications, guidelines or characteristics to consistently ensure that materials, products, processes and services are fit for their purpose
- **Voluntary**



IS as tools for policy

International Standards are essential tools to help governments, industry and consumers contribute to the achievement of the SDGs

Providing a basis for innovation to thrive

ISO and IEC standards are developed according to the WTO TBT principles of openness, transparency, impartiality & consensus, effectiveness & relevance, coherence, development dimension.



International Standards supporting SDGs

ISO and IEC standards can actively contribute to the achievement of each of the UN SDGs

Let's look at a few examples...



Clean water and sanitation – SDG 6



- Water services and management systems
- Wastewater reuse
- Efficient irrigation
- Electronic and electrical systems that support water extraction distribution, use and waste water management (IEC)
- Water Crisis management of water utilities (ISO 24518)
- ISO 30500, Non-sewered sanitation systems – Prefabricated integrated treatment units

Affordable and clean energy



- Energy efficiency (e.g. standards underpin programmes such as Energy Star)
- Renewable energy generation (solar, wind, marine, hydro)
- Energy performance of buildings
- ISO 50001, Energy management systems – Requirements with guidance for use



Sustainable cities & communities – SDG 11



- City indicators
- Intelligent transport systems
- Electrical and electronical infrastructure
- Disaster management
- Smart community infrastructures
- Ageing societies
- ISO 37120 Sustainable development of communities - Indicators for city services and quality of life



Climate action – SDG 13



- Environmental management
- Environmental labels and declarations
- Quantifying greenhouse gas emissions
- Disaster resilience
- Resilience of critical infrastructure (IEC Conformity Assessment Systems)
- ISO 14001 Environmental management systems



Sustainable Development Goals (SDGs)

What are SDGs

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What is ISO doing about SDGs

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Get involved

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Find out which ISO standards contribute to each SDG

- SDG 1. No poverty
- SDG 2. Zero hunger
- SDG 3. Good health and well-being
- SDG 4. Quality education
- SDG 5. Gender equality

SUSTAINABLE DEVELOPMENT GOALS

Find out more

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Contact

sdgs@iso.org

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Advanced search

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SDG mapping

ISO is working on a new website, mapping ISO standards to the SDGs

- To explain how ISO standards support the SDGs
- To support ISO members in communication at national level on SDGs
- To help users identify which standards could help them meet their SDG challenges





Awareness raising

Joint conference (ISO/UNOG) on international standards supporting the SDGs – to be held at the CIGC on 26 September 2018

ISO brochure on standards and SDGs

[IEC brochure](#) on standards and SDGs

[UNECE brochure](#) on standards for sustainable development



Questions?