

Standards and Digitalization: Embracing change

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About ISO.



Swiss-based

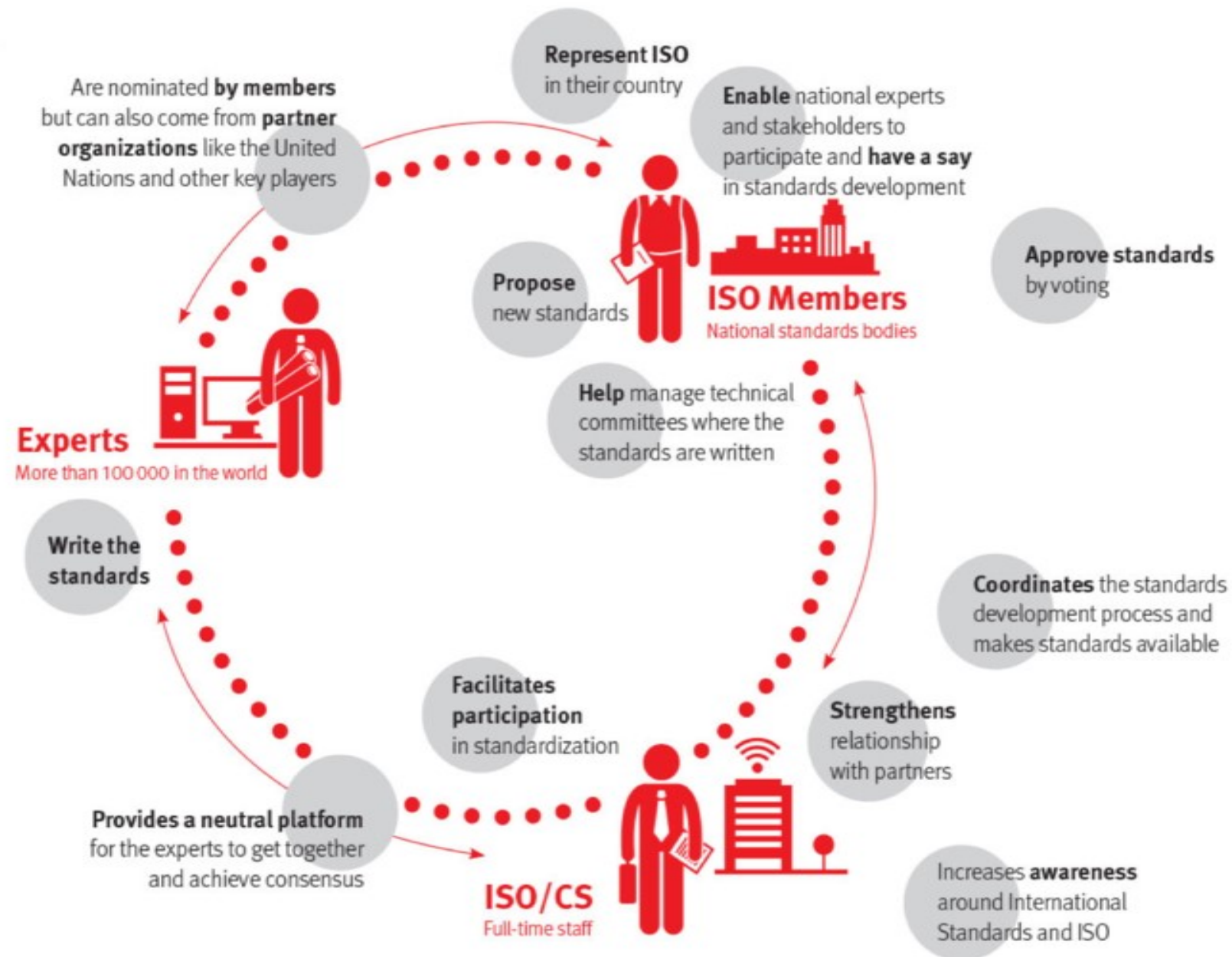
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ISO is the world's largest developer and publisher of International Standards.



Is ISO ready for the Fourth Industrial Revolution?

About digitalization.

Use of digital technologies to change a business model and provide new revenue and value-producing opportunities.

How standardization is being impacted by digitalization: a bit of history.

Digital transformation is not new.

We've adapted to technology in the past!





From mail to
emails...



ISO Meetings (1307)

fleury@iso.org



Status: Ongoing & Upcoming Registration: All Type: All Sort by: Ascending date

Map ☒ Grid



My meetings



ISO meetings



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ISO/TC 22/SC 37/WG 3 3rd

Ongoing

Germany (Berlin)

05 Dec 2017

ISO/IEC JTC 1/SC 31/WG 2 12th

Ongoing

05 Dec 2017

ISO/TC 197/WG 24 18th

Ongoing

China (佛山市)

05 Dec 2017

ISO/TC 309/WG 1 2nd

Ongoing

05 Dec 2017

ISO/TC 207/TCG 15th

Ongoing

05 Dec 2017

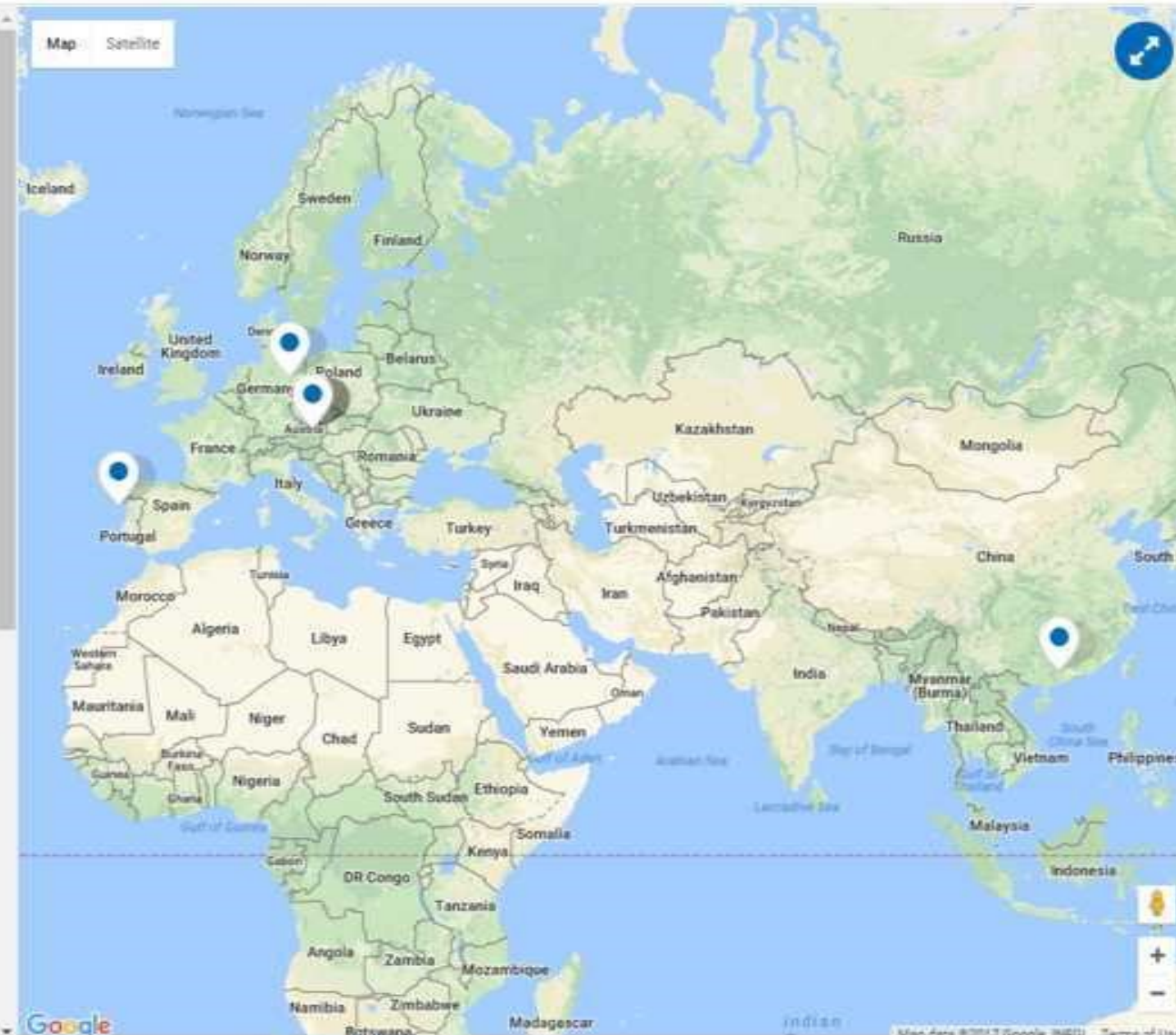
ISO/TC 291/WG 1 5th

Ongoing

Portugal (Porto)

04 Dec 2017 to 06 Dec 2017

ISO/TC 138/SC 6 36th



From offset to on-demand digital printing.





International Organization for Standardization

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ISO 9001:2015

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Quality management systems -- Requirements

ISO 9001:2015 specifies requirements for a quality management system when an organization:

- a) needs to demonstrate its ability to consistently provide products and services that meet customer and applicable statutory and regulatory requirements, and
- b) aims to enhance customer satisfaction through the effective application of the system, including processes for improvement of the system and the assurance of conformity to customer and applicable statutory and regulatory requirements.

All the requirements of ISO 9001:2015 are generic and are intended to be applicable to any organization, regardless of its type or size, or the products and services it provides.

General information

Current status : Published

Publication date : 2015-09

Corrected version (fr) : 2015-09

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Format

☒ PDF + ePub☐ PDF + ePub + Redline☐ Paper☐ PDF

Language

CHF 138

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From PDF to XML....



How standardization is being impacted by digitalization: our vision.

We continue to embrace technology evolution
to anticipate the future of standardization.





Create content
collaboratively,
more efficiently



Address the needs
and behaviors of the
younger generation.

Structured content
to create added
value products.



Create machine-readable standards.

How standardization is being impacted by digitalization: how to achieve our vision?

Being agile
and
experiment.



Accept that our future ecosystem
will be composed of many bricks.

Streamline collaboration





Virtual committees

Publish standards as code



Increase collaboration with
partner organizations

Some ISO standardization activities in the area of Industry 4.0 (Smart Manufacturing)

ISO Smart Manufacturing Coordinating Committee

Brings together more than 20 ISO committees engaged in Smart Manufacturing, including ICT, Additive Manufacturing, Security and Resilience, Robotics, etc.

Works closely with IEC and has established a Joint Standards Map Task Force.

Joint efforts between ISO and IEC to develop a unified reference model for Smart Manufacturing, taking into account the many existing models available.

IoT

Big data

AI

Blockchain

Smart Cities

IT Security Techniques

In conclusion.

Digital is not a thing,
it's a way of doing things.



It's not about IT.





It's about culture and processes.



#118

focus

Your gateway to International Standards

Our
connected
future

