

**CPTM CENTRAL BANK GOVERNORS' THINK TANKING JULY 2019  
SIGNALLING RELEVANT RECENT DEVELOPMENTS IN ISO**

**1- ISO/TC 307 Blockchain and distributed ledger technologies**

Secretariat: Standards Australia (SA)

Creation date: 2016

**Scope**

Standardization of blockchain technologies and distributed ledger technologies.  
11 International standards under development

**For more:** <https://www.ledgerinsights.com/iso-blockchain-standards/>

**See also developments in ITU:** <https://news.itu.int/guidance-to-blockchain-adopters/>

**2- ISO TC ISO/TC 322 sustainable finance**

Secretariat : BSI (U.K.)

Creation date: 2018

**Scope**

Standardization in the field of sustainable finance for the integration of sustainability considerations and environmental, social and governance (ESG) practices into institutional investment decision making and wider finance management.

**For more:** <https://www.iso.org/news/ref2350.html>

**3- ISO/TC 268 sustainable cities and communities**

Secretariat: AFNOR (France)

Creation date: 2012

**Scope**

Standardization in the field of Sustainable Cities and Communities includes the development of requirements, frameworks, guidance and supporting techniques and tools related to the achievement of sustainable development considering smartness and resilience, to help all Cities and Communities and their interested parties in both rural and urban areas become more sustainable.

Note: TC 268 contributes to the UN Sustainable Development Goals through its standardization work.

## **Publication in 2019 of ISO 37104**

With rapid urbanization, whether in developed or in developing countries, local, national and regional authorities are facing new challenges, related, for example, to the spatial distribution of people and resources, or the occupation and exploitation of the land.

The new International Standard, ISO 37101, Sustainable development in communities - Management system for sustainable development - Requirements with guidance for use, will help communities implement a sustainable development strategy which takes account of their economic, social and environmental context.

The standard will also encourage communities to be more proactive and will help them to demonstrate to stakeholders that proper management system is in place.

Successful implementation of the standard will help to:

- Create and build consensus on sustainable development in communities
- Improve the sustainability, intelligence and resilience of strategies, programmes or plans conducted under the responsibility of the authorities or in the relevant area
- Improve the local environment, create a better living environment for happier and healthier citizens, and build a community better able to anticipate and adapt to natural disasters, economic crises and climate change
- A multi-stakeholder approach

ISO 37101 focuses on communities as a springboard towards the sustainable development of society as a whole. Communities consist of various entities and persons who live, work and interact with each other. This is why commitment to a cooperative dialogue with stakeholders for more sustainable solutions is an essential aspect of the implementation of the standard.

### **For more:**

[http://nws.eurocities.eu/MediaShell/media/A\\_Gindroz\\_180123-ISO\\_TC268\\_-\\_SF\\_SSCC\\_-\\_eea.pdf](http://nws.eurocities.eu/MediaShell/media/A_Gindroz_180123-ISO_TC268_-_SF_SSCC_-_eea.pdf)

<https://www.economiecirculaire.org/articles/h/a-new-iso-standard-to-assist-communities-with-their-sustainable-development-initiative.html>

## **4- ISO/TC 323 circular economy**

Secretariat: AFNOR (France)

Creation date: 2018

### **Scope**

Standardization in the field of circular economy to develop requirements, frameworks, guidance and supporting tools related to the implementation of circular economy projects. The proposed deliverables will apply to any organization or group of organizations wishing to implement circular economy projects, such as commercial organizations, public services and not-for-profit organizations.

Excluded:

- specification of particular aspects of circular economy already covered by existing TCs, such as eco design, life cycle assessment in ISO/TC 207 Environmental management and sustainable procurement (ISO 20400: 2017 – Sustainable procurement — Guidance).

**For more:**

[http://ec.europa.eu/environment/international\\_issues/pdf/g7\\_workshop\\_paris\\_march\\_2019/Session\\_3\\_P1\\_ISO\\_Peyrat.pdf](http://ec.europa.eu/environment/international_issues/pdf/g7_workshop_paris_march_2019/Session_3_P1_ISO_Peyrat.pdf)

**5- ISO/TC 324 sharing economy**

Secretariat: JISC (Japan)  
Creation date: 2019

**Scope**

Standardization in the field of sharing economy. Excluded: Technical aspects of information security or risk management guidelines already covered by ISO/IEC JTC 1/SC27 and ISO/TC 262, respectively.

**For more:**

[https://www.jisc.go.jp/international/nwip/tsp276\\_Sharing\\_Economy.pdf](https://www.jisc.go.jp/international/nwip/tsp276_Sharing_Economy.pdf)

**6- ISO/IEC JTC1 SC 42 Artificial intelligence**

Secretariat: ANSI (U.S.A.)  
Creation date: 2017

**Scope**

Standardization in the area of Artificial Intelligence

- Serve as the focus and proponent for JTC 1's standardization program on Artificial Intelligence
- Provide guidance to JTC 1, IEC, and ISO committees developing Artificial Intelligence applications

**For more:** <https://jtc1info.org/technology/artificial-intelligence/>

**7- ISO/TC 321 Transaction assurance in E-commerce**

Secretariat : SAC (China) twinned with AFNOR (France)  
Creation date: 2018

**Scope**

Standardization in the field of “transaction assurance and upstream/downstream directly related processes in e-commerce”, including the following:

- The assurance of transaction process in e-commerce (including easier access to e-platforms and e-stores);
- The protection of online consumer rights including both prevention of online disputes and resolution process;
- The interoperability and admissibility of commodity quality inspection result in cross-border e-commerce.
- The assurance of e-commerce delivery to the final consumer.

Excluded:

- Management system standards already covered by ISO/TC 176;

- Authenticity, integrity and trust for products and documents standards already covered by ISO/TC 292/WG4;
- Guidelines on consumer warranties and guarantees standards already covered by ISO/PC 303;
- Meta-standards of information interchange standards already covered by ISO/TC 154;
- Cross-border trade of second-hand goods standards already covered by ISO/PC 245;
- Brand evaluation standards already covered by ISO/TC 289;
- Online reputation standards already covered by ISO/TC 290;
- Financial services standards already covered by ISO/TC 68;
- Identity management standards already covered by ISO/IEC/JTC 1/SC 27/WG 5;
- Meta-standards of data management and interchange already covered by ISO/IEC/JTC 1/SC 32;
- Biometrics standards already covered by ISO/IEC/JTC 1/SC 37;

Since the payment and security of the transaction are very important in e-commerce, the proposed new technical committee will cooperate with ISO/TC 68 (Financial services), ISO/IEC/JTC1/SC 27 (IT Security techniques) and other TC via a liaison membership. If request for developing new standards for e-commerce in those TCs arose, the proposed new TC would work with them to develop the needed standards.”

**For more:**

[https://www.jisc.go.jp/international/nwip/tsp273\\_Transaction\\_Assurance\\_in\\_E-Commerce.pdf](https://www.jisc.go.jp/international/nwip/tsp273_Transaction_Assurance_in_E-Commerce.pdf)

**... and do not forget to monitor the work and developments in  
ISO TC 68 Financial services  
(55 published international standards to date, including for mobile  
banking)  
for more: <https://www.iso.org/committee/49650.html>**