

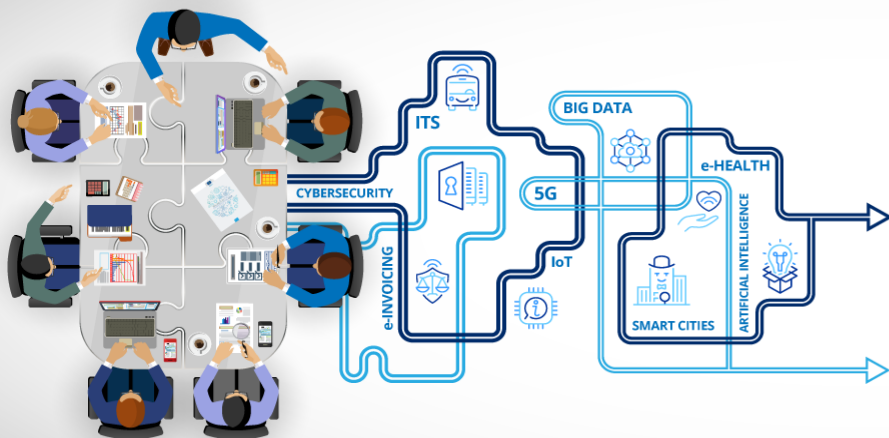
StandICT.eu

Supporting European Experts Presence in
International Standardisation Activities in ICT

Silvana Muscella – Trust-IT Services CEO
& Project Coordinator

«StandICT.eu and Rolling Plan: a common path to support ICT Standards development»

StandICT.eu Webinar – 24.02.2020



StandICT.eu  **WEBINAR**
Supporting European Experts Presence in
International Standardisation Activities in ICT

**THE MULTI-STAKEHOLDER PLATFORM
2020'S ICT ROLLING PLAN
ON STANDARDISATION**
SUPPORTING EU BUSINESS AND INDUSTRY GROWTH

24th February 2020, 3.30 PM CET

REGISTER NOW!

in/standict [@Stand_ICT](https://twitter.com/Stand_ICT)

SPEAKERS

Silvana Muscella
StandICT.eu Project Coordinator

Thomas Reibe
StandICT.eu EC Project Officer

Emilio Davila-Gonzalez
EC Head of ICT Standardisation

Jochen Friedrich
Chair of MSP Standardisation Task Force

Brian McAuliffe
ISO/IEC JTC 1 Liaison Officer to the EC

Francesco Osimanti
StandICT.eu Vice-Coordinator

Constant Kohler
Cen Cenelec ICT Standardisation Programme Manager





Silvana Muscella, Project Coordinator & CEO of Trust-IT Services -
“StandICT.eu and Rolling Plan: a common path to support ICT Standards development”



Thomas Reibe, EC Senior Expert & StandICT.eu Project Officer
“The ICT Rolling Plan: overall structure and main purpose”



Emilio Davila-Gonzalez, EC Head of Sector ICT Standardisation
“ICT Rolling Plan: what’s new in 2020”



Jochen Friedrich, MSP Chair & Technical Relations Executive at IBM
“Keeping the Plan Rolling - The making and implementation of the EU Rolling Plan on ICT Standardisation”



Brian McAuliffe, ISO/IEC JTC1 Liaison Officer to the EC
“The ICT Rolling Plan: Keeping European and International ICT standards in sync”



Francesco Osimanti, StandICT.eu Vice-Coordinator & Digital Specialist
“Impact on ICT key-technologies domains: introduction of StandICT.eu Final Impact Report”



Constant Kohler, Cen Cenelec ICT Standardisation Programme Manager
“Linking ICT standards and European policies: the role of European standardisation”

The ICT Rolling Plan & how can initiatives like StandICT.eu help?



*Standards Watch is a «**Discovery Opportunity**», an inclusive place for Stakeholders to express what they can do in the future for the MSP*

StandICT.eu mirrored the main ICT pillars of DSM as described in the ICT Rolling Plan for Standardisation both

- *As key-priorities for each of the 8 Open Calls*
- *As covered fields comprised in the Standards Watch*

ROLLING PLAN FOR ICT
STANDARDIZATION 2019

Provision of full coverage of the broad range of standardisation activities, technical specifications and standards relevant for the respective EU policy objectives and topic areas

Key enablers &
Security

Societal
Challenges

Innovation for
the DSM

Sustainable
Growth

Horizontal
Building Blocks

Lasting legacy of StandICT.eu

- StandICT.eu **Brand** acknowledged across EU & Global ICT Community
- Tangible **Impact of 178 ICT Experts** on global SDOs & SSOs
- **Standards Watch** covers most important ICT Standard domains
- **High quality level of applications** in each Open Call
- Active **EAG group**
- A fully operational **Grants Platform** that worked seamlessly & went through different iterations
- Wide coverage of **ICT fields** in each OC & overachieved numbers (as proved in the «[Final Impact Report](#)»)
- Vast **network & solid synergy** with SDOs, National Standard Bodies, PPPs, Industry & Research organisations (+ 2,500)

StandICT.eu is recognised as a Brand by the European ICT community counting on solid partnerships with many SDOs and Standards-related entities

Fact & Figures & Main outcomes across the 8 Open Calls

StandICT.eu

Supporting European Experts Presence in
International Standardisation Activities in ICT

8 OPEN CALLS

RESULTS & POPULAR TOPICS



239
FUNDED
APPLICATIONS
501 ELIGIBLE
APPLICATIONS RECEIVED



26
EUROPEAN
COUNTRIES

95 → ONE SHOT
131 → SHORT TERM
275 → LONG TERM



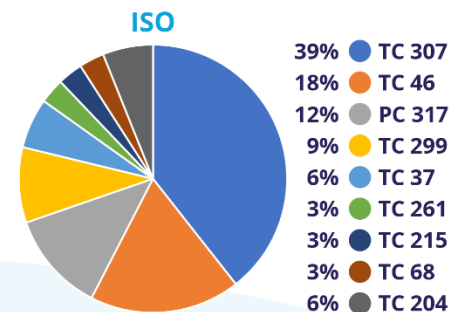
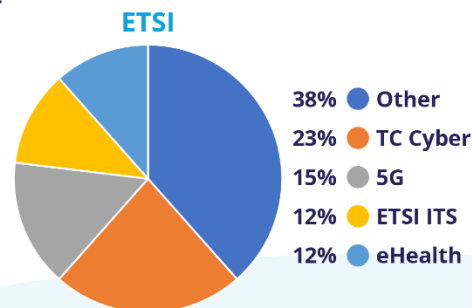
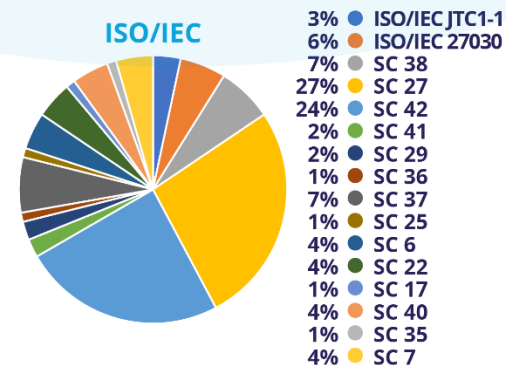
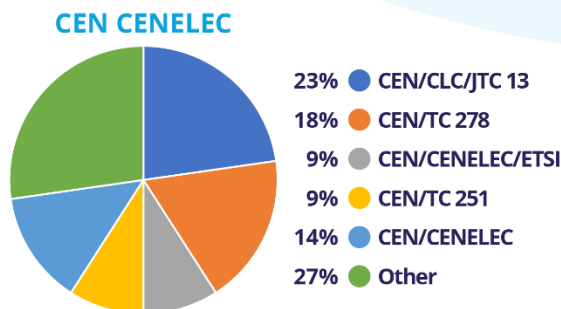
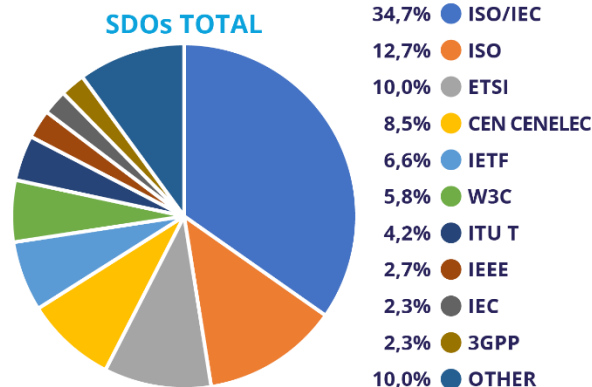
MOST TARGETED TOPICS

5% → AI
4% → BLOCKCHAIN
3% → CLOUD COMPUTING
30% → CYBERSECURITY
22% → BIG DATA
7% → 5G
11% → IoT
17% → Other

***High-quality applications: only 99 out of 500 scored below the quality threshold (mark 6)
which resulted in a selection of uniquely top-class applications***

Which SDOs have been supported? – Where StandICT.eu budget was allocated

GRANTS ACROSS SDOs

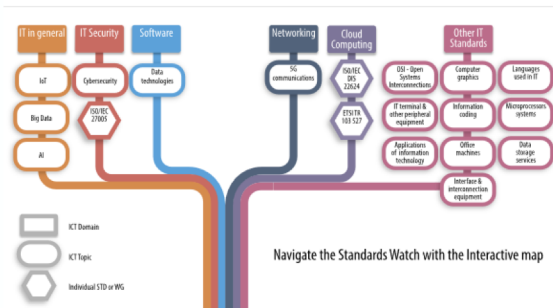


239 Successful Applicants
covering calls 1 through to 8

*OTHER: OPEN MOBILE ALLIANCE - IRTF - UN/CEFACT - EDPB
IACS - EMSA, EFCA - FHIR - IHE PPC domain - OSGi Alliance

*A balanced distribution of funds with European applicants engaged in a broad spectrum
of SDOs that could concretely benefit of the expertise of competent EU ICT Specialists*

The **Standards Watch** monitors the status of ICT standards at international level, mapping critical areas such as **Cybersecurity, 5G, Cloud Computing, IoT, Big Data** and **Artificial Intelligence**



The Standards Watch of StandICT.eu monitors the status of ICT standards at international level, starting from the five priority areas of the Digital Single Market: 5G communications, cloud computing, cybersecurity, data technology, and IoT – Internet of Things.

In particular, special attention is given to the rapidly evolving ICT topics of: Artificial Intelligence, Big Data, IoT. Gradually, the Standards Watch will be expanded to other ICT domains and topics, with the aim of better identifying gaps, needs & opportunities and consequently stimulating European Experts to pursue the openings granted by the StandICT.eu initiative.

CENELEC CWA 17431:2019

Principles and guidance for licensing Standard Essential Patents in 5G and the Internet of Things (IoT), including the Industrial Internet

June 2019

Standard

Submit a comment here

[READ MORE](#)

CENELEC CWA 95000:2019

Core Principles and Approaches for Licensing of Standard Essential Patents

This CWA addresses some of the key behaviors and "best practices" that parties might choose to adopt to resolve any SEP licensing issues amicably and in compliance with the FRAND obligation, and in a manner that can be beneficial to innovation, industry, standardization and, ultimately, consumers.

June 2019

Standard

Submit a comment here

[READ MORE](#)

SEARCH BY TITLE

FILTER STANDARDS BY ICT DOMAIN:

- ☐ Cloud computing (97)
- ☐ IT in general (131)
- ☐ IT Security (178)
- ☐ Networking (122)
- ☐ Software (1)
- ☐ Other IT standards (35)

FILTER STANDARDS BY TOPIC:

- ☐ Blockchain (15)
- ☐ IoT (71)
- ☐ ITS (7)
- ☐ Big Data (40)
- ☐ Artificial Intelligence (33)
- ☐ Cybersecurity (192)
- ☐ Data technologies (31)
- ☐ 5G communications (53)
- ☐ Other (53)

FILTER BY SDO / SSO:

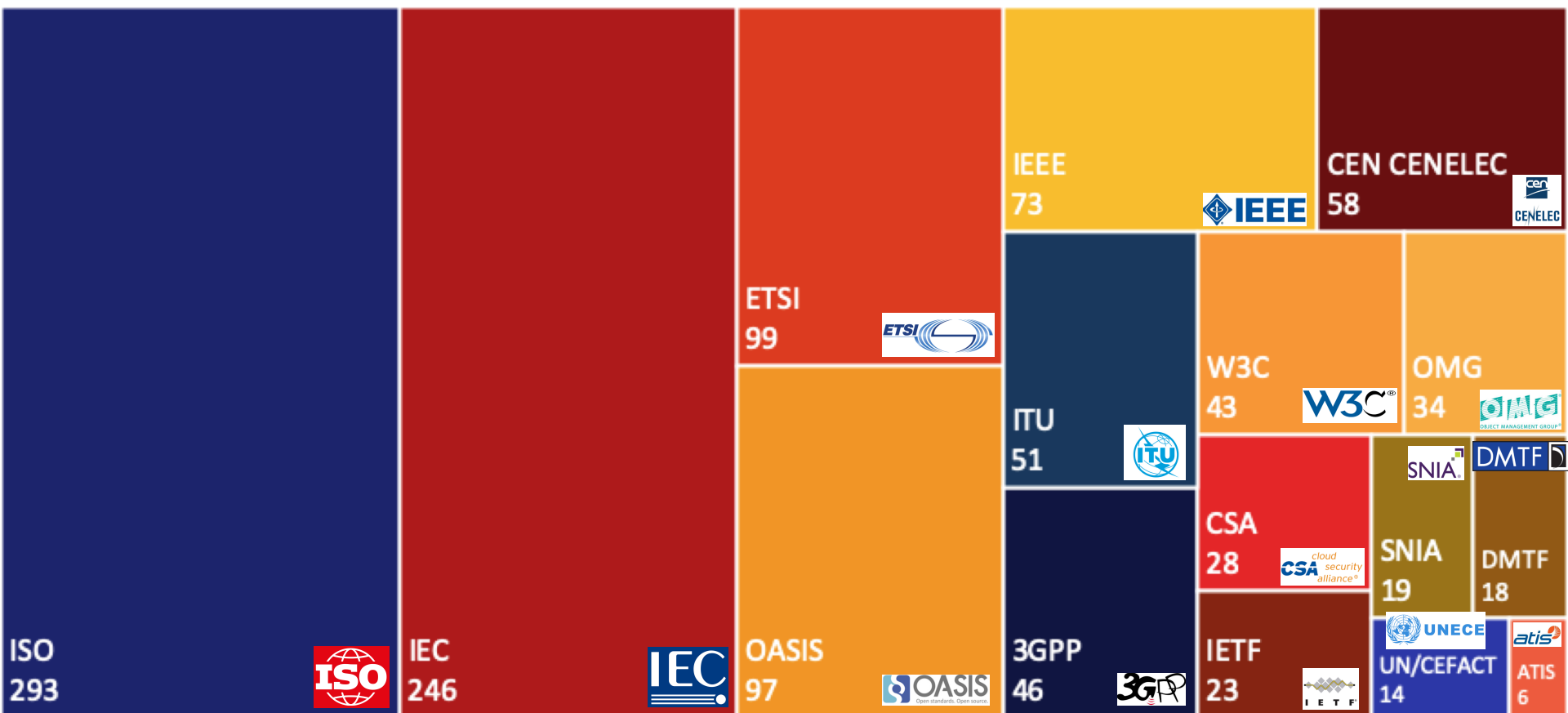
- ☐ 3GPP (32)
- ☐ ATIS (6)
- ☐ CSA (20)
- ☐ IAB (0)
- ☐ OASIS (47)
- ☐ OMG (34)
- ☐ SNIA (2)
- ☐ UN/CEFACT (0)
- ☐ W3C/ERCIM (10)
- ☐ CEN (31)
- ☒ CENELEC (9)
- ☐ ETSI (82)
- ☐ IEC (157)
- ☐ IEEE (63)
- ☐ IETF (11)

ICT Domains Breakdown

- Cloud Computing **144**
- Big Data **60**
- Data Technologies **54**
- Artificial Intelligence **53**
- Cybersecurity **219**
- IoT **110**
- 5G **65**
- Blockchain **15**
- Smart Cities **15**
- Intelligent Transport System **29**
- Others **+200**


+1000 Standards & Working Groups already in the Watch: ongoing effort to keep the Watch aligned with the most important DSM domains & ICT Rolling Plain areas

Treemap Chart: SDOs representation in the Standards Watch



*The Standards Watch is an interactive observatory and it aims at becoming a **benchmark for the EU Standardisation community** including business, research, industry networks, SDOs & SSOs*

Monitoring the concrete Impact of our community

-  Each successful applicant fills a **Monitor Impact Report** with prescriptive fields and content to enable a clear analysis & assessment of the contribution to the ICT Standards Scenario

The monitoring for the applicants also address the following aspects:

- How the contribution is improving competitiveness
- How is enhancing technological development
- Added value to existing SDO activities



StandICT.eu

A GLANCE OF SOME OF OUR
**SUCCESSFUL APPLICANTS
& THE SDO GROUPS**
THEY ARE CONTRIBUTING TO

CENELEC ETSI IEEE IETF ISO W3C

A thorough monitoring system to pull out the tangible impact of each applicant in the related ICT domain

Wiki Watch – How to contribute to keep the Watch functional and informative

The **Wiki Watch** facilitates the consultation of the standards, **displaying** only the most relevant information and **allowing people to contribute**, by submitting a comment.



ETSI TS 103 268-1 V1.1.1

SmartM2M; Smart Appliances Ontology and Communication Framework Testing; Part 1: Testing methodology

SCOPE

The scope of the present document is to support Smart Appliance common ontology and communication framework testing needs. It specifies a global methodology for testing for Smart Appliances, based on M2M specifications. It analyses the overall testing needs and identifies and defines the additional documentation required. The testing framework proposed in the present document provides methodology for development of conformance and interoperability test strategies, test systems and the resulting test specifications for SAP.

LATEST PUBLICATION DATE

April 2017

COMMITTEE / WG

Technical Committee (TC) Smart Machine-to-Machine Communications (SmartM2M)

STANDARD DOCUMENTS

[ts_10326801v010101p.pdf](#)


WIKI WATCH

Insert here: activities, gaps, opportunities, and other user driven comments

[Log in](#) or [register](#) to post comments

Submitted by ocrcho on Sat, 07/27/2019 - 13:26

This document describes the framework to be used for developing tests for smart appliances according to the oneM2M smart appliances ontology. This global methodology may be useful as well for other cases where there is a need to have a clear framework for the definition of tests and hence this standard may be adapted in the future to other contexts as well. Particularly relevant and useful is the template for the specification of tests that is provided in page 14 and exemplified in later pages.



ISO/IEC 19785-1:2015

Information technology -- Common Biometric Exchange Formats Framework -- Part 1: Data element specification

SCOPE

ISO/IEC 19785-1:2015 defines structures and data elements for biometric information records (BIRs).
ISO/IEC 19785-1:2015 defines the concept of a domain of use to establish the applicability of a standard or specification that complies with CBEFF requirements.
ISO/IEC 19785-1:2015 defines the concept of a CBEFF patron format, which is a published BIR format specification that complies with CBEFF requirements, specified by a CBEFF patron.

LATEST PUBLICATION DATE

August 2015

COMMITTEE / WG

ISO/IEC JTC 1/SC 37 Biometrics

WIKI WATCH

Insert here: activities, gaps, opportunities, and other user driven comments

[Add new comment](#)

Submitted by rsreillo on Sun, 10/06/2019 - 15:38

In addition to the data formats defined in ISO/IEC 19794 and ISO/IEC 39794 which are defined as to include the information from a single user and a single modality, SC 37 has also defined a meta-structure called CBEFF (i.e. ISO/IEC 19785 series of standards), that allows: — the coding of biometric information from more than a single user; — the coding of biometric information from more than one modality; and — protecting biometric data by using security mechanisms that may cipher and/or authenticate the data included into the CBEFF BIR structure. A CBEFF BIR (i.e. Biometric Information Record) is composed of: — a standard biometric header in a particular patron format (as defined in ISO/IEC 19785-1 and being the patron formats defined in ISO/IEC 19785-3). This header introduces the information embedded into the BIR: — the biometric data block (BDB), which can be a BDIR defined in ISO/IEC 19794 or ISO/IEC 39794; and — an optional security block (as defined in ISO/IEC 19785-1 and ISO/IEC 19785-4) that embeds the data needed for protecting the biometric information. CBEFF also allows multiple BDB, such as a multiple CBEFF BIR structure and complex CBEFF BIR structure. The former can contain multiple BIRs and the latter can contain multiple BDBs, each having its own standard biometric header plus additional standard biometric headers that express the relations among the BDBs. The way that CBEFF records can be coded can change from one architecture to another. This is why ISO/IEC 19785 3 defines several ways to code CBEFF records in what is called as patron formats. There are patron formats defined for binary coding, with different system word lengths, others for XML coding, etc. Most of them are defined using ASN.1 formal language.

Like: 0

**Personally contribute to the mapping of the Standards landscape through the Wiki Watch
– Possibility for the ICT Community to actively contribute to the Watch**

Final Event – StandICT.eu thriving community came together at DG Connect premises

Reflections & Sustainability StandICT.Eu 24 Months On



5th December 2019
EC DG Connect, Brussels

Couldn't make our final event? No worries click here to view o



76 attendees from SDOs Technical Committees, SMEs, Research Organisations alongside EC Policy & Senior Officers & members of the StandICT.eu community (22 funded applicants and 6 members from EAG).

<https://www.standict.eu/news/final-event-brussels>

- 🌐 Promotion of educational initiatives to **train the future generation of ICT Standards Experts** in conjunction with National Standards Bodies already involved in this aspect (DIN, NSAI, Austrian Standards etc..)
- 🌐 **Knowledge-sharing** and a strengthened partnership with SDOs and PPPs involved in the key-domains of the Digital Single Market.
- 🌐 **Training & Educational** material freely accessible and constantly updated on the Platform in a dedicated section (currently «Publications»)
- 🌐 Stronger **connection with both SMEs & Vertical Industries** organisations to fully exploit their capacity to anticipate future technological trends and mirror market needs
- 🌐 **Digital Sovereignty** is regarded as one of the priority topics in the future: this feature should be linked straight to standardisation efforts in Networks, Clouds & IoT

StandICT.eu will leverage the well-developed ecosystem and network Community & capitalising on the Standards Watch with user-driven functionalities to enable self-sustainability over time

**Silvana Muscella – Trust-IT Services & Project
Coordinator**

s.muscella@trust-itservices.com

Follow us on our Social Media:



[@Stand_ICT](https://twitter.com/Stand_ICT)



[/company/standict-eu/](https://company/standict-eu/)



www-standict.eu

Watch our Video
<http://bit.ly/2vEq9hn>



Thanks for your attention
***Do not forget to send us your ICT Insights and contribute to the
Wiki Watch!***