



ICT-45-2020

**Reinforcing European presence in international
ICT standardisation: Standardisation
Observatory and Support Facility**

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The Challenge



- OBJECTIVES IN A NUTSHELL:** Support the participation of European experts in international ICT standardisation activities and ensuring promotion of European requirements and interests (based on European R&D results, support to PPP's, Rolling Plan for ICT Standardisation, bi-lateral agreements with 3rd countries...)



What are you looking for? *A CSA for*

1. Monitoring and gathering information regarding the ongoing work from the relevant international and global standards developing organisations (SDOs), fora and consortia, identifying where there is need of further EU involvement ("The Observatory")
2. Setting-up and managing a "facility" to support participation when needed of key European specialists (especially from SMES and Academia) in key SDOs to push for European requirements and promote broader European interest.





Work Programme topic ICT - 45

2. What do you NOT want?

- Direct contribution to standardisation activities



Work Programme topic – topic evolution

3. Is this new or has it been called before?



Continuation of ICT-40-2017

- *New:*

- *More focus on chairmanship and management functions in TCs*
- *Possibility of supporting organising international standardisation meetings in Europe*

-*Is it linked to other topics in the current WP?*

To any topic that may contribute to standardisation. It can support bringing results of any project/pilot to international Standards Development Organisations (SDOs)

Need to liaise with relevant CSAs and PPPs

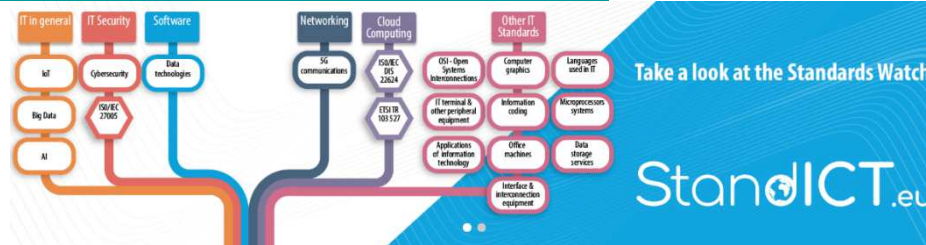


Work Programme topic – topic evolution

4. Current project portfolio

<https://www.standict.eu/>

StandICT.eu





Work Programme topic – Key actors

5. Who are the leading players?

International SDOs active in ICT.

EU experts (SMEs, academia, industry, NSOs)

6. Is there a key group of actors (eg. cPPP or other) driving this?

PPPs: AIOTI, 5GPP, BDVA, ECSO, INATBA, FoF,...

European Multi-Stakeholder Platform on ICT standardisation

EU (and national) funded R&I projects and pilots





Work Programme topic

7. Are there any additional / background documents?

- Communication "ICT standardisation priorities for the DSM" COM(2016) 176 final. Pillar II.5
- ICT Standardisation Rolling Plan 2019
- Standardisation roadmaps from PPPs





Future Outlook

8. Do you have information about future trends, emerging initiatives, roadmaps, key players in this area? How are you bridging to Horizon Europe?

- Beyond 5G, New Generation Internet, BC/DLT, AI, ...





Upcoming events / information days

- **Networking Session**
"Standards for innovation, Standard Watch and funding of standardisation experts"
@ICT Proposers Day Helsinki.
- **20/09/2019 (15:40-16:15)**
- **[+ Stand of European Standardisation Organisations]**

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HORIZON 2020
Transversal topic



S+T+ARTS

WP-2020

STARTS

Science, Technology, Arts

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What is STARTS

| STARTS is an initiative of the European Commission for integrating the Arts as a catalyst for the conversion of scientific and technological results into novel products and services, and disruptive approaches.

| STARTS has four pillars for linking art and technology:

| **STARTS Prize** - giving visibility to successful art technology collaboration

| **STARTS Residencies** - embedding artists in technology institutions

| **STARTS Lighthouse pilots** - projects tackling concrete industrial challenges

| **STARTS Academy** - teaching digital skills to artists and citizens

| Proposals are invited to build on activities developed as part of the STARTS initiative in DG CONNECT (www.STARTS.eu)





STARTS in WP-2020

ICT-44-2020 Next Generation Media

b) Coordination and Support Action (CSA)

Starts – Technology and Arts Alliance as Driver for Next Generation Media

DT-ICT-03-2020 I4MS (phase 4) - uptake of digital game changers

a) Innovation Actions (IA) for Digital Innovation Hubs

Cognitive autonomous systems and human-robot interaction

DT-ICT-05-2020 Big Data Innovation Hubs

Sub-topic 3: Innovation Actions (IA)

Experiments for data driven services and tools able to reshape the media value chain





ICT-44-2020 Next Generation

Media

Synergies across media, operators, technologists and cultural/ artistic actors, in order to develop a network of stakeholders which, building on the existing STARTS (Science + Technology + ARTS) network, will explore innovative paths for the next generation of media.

Subtopic b):

- | Establish a network to foster synergies between art, media and technology with the following aims:
 - | To create new uses and forms of media;
 - | To employ media as a social catalyst.
- | Organize exhibitions and performances to stimulate new alliances between art, technology and media and help promoting a novel role of media in societal context; **significant amount of budget to be reserved for activities involving artists**
- | Support activities to organise the next two annual prizes (EUR 20.000 each) STARTS prizes:
 - | One on artistic exploration where appropriation by the Arts has altered use, deployment, or perception of technology
 - | One on ICT-Arts collaboration opening new pathways for innovation and/or society in particular in context of regional development

Timing and budget:

- | Call opening: 09/07/2019 / Call closing: 16/01/2020 / Expected duration: 30 to 36 months
- | Max. contribution 2 MEUR (CSA)





DT-ICT-03-2020 I4MS (phase 4) - uptake of digital game changers

Scope: The topic calls for **Digital Innovation Hubs** that strengthen the digital transformation for European SMEs and mid-caps (<http://www.i4ms.eu>). Proposals should cover the manufacturing sector at large, including discrete manufacturing, continuous production, and construction. If appropriate, building ecosystems around digital industrial platforms driven by European actors should be supported.

Area:

Innovation Action in Cognitive autonomous systems and human-robot interaction:

- | Experimentation with cyber-physical systems in production environments.
- | Adoption of robots safely cooperating with humans to support their work, and taking into account gender issues.
- | Proposals should include partners that facilitate creation and experimentation with and by the arts to ensure human acceptance of digital technologies in manufacturing and to stimulate new products and services.

Timing and budget:

- | Call opening: 09/07/2019 / Call closing: 13/11/2019 / Expected duration: 30 to 36 months
- | Max. contribution 8 MEUR for the area (IA)
- | May involve financial support to third parties (typically in the order of EUR 20.000 to 100.000 per third party)





DT-ICT-05-2020 Big Data Innovation Hubs

Scope: Strengthen European SMEs and empower European citizens by supporting them to use and combine data sources from different sectors and communities (e.g. retail, tourism, manufacturing, finance and insurance, media, healthcare, consumer support, transport, energy, public administration...)

Sub-topic 3:

- | **Select, launch and incubate innovation experiments for data driven services and tools able to reshape the media value chain, including social media. Experiments should involve one or both of the following aspects:**
 - | to explore new ways in which citizens can exploit data to better target and extend the reach of user generated content so as to increase content diversity, transparency and accountability, in a way that enables bottom-up quality journalism, science education or digital democracy.
 - | to explore new ways in which artists and more generally the creative sectors could be integrated in the development of innovative data exploitation for content creation.

Timing and budget:

- | Call opening: 09/07/2019 / Call closing: 13/11/2019
- | Max. contribution 5 MEUR for sub-topic 3 (IA)
- | May involve support to third parties as a mini project following an open call, up to the amount of EUR 80.000 for each project

