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

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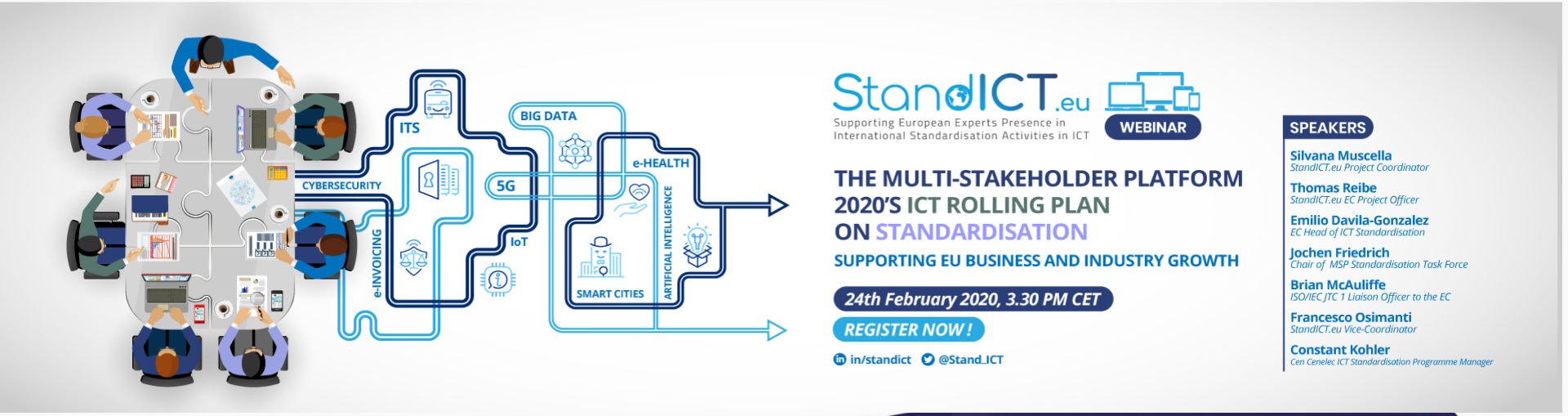
"Impact on ICT key-technologies domains: introduction of StandICT.eu Final Impact Report"

StandICT.eu Webinar – 24.02.2020



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Impacts from StandICT.eu funding

Final Impact Report - Europe's contributions to ICT Standardisation globally

Future ICT Standardisation Challenges

Digital Technologies, Interoperability and Standardisation work hand in hand in laying the foundation for a true Digital Single Market. We also know that ICT Standardisation has dramatically changed over the last decades. Alongside traditional standardisation organisations, several specialised and mostly global fora and consortia have emerged as world-leading ICT standard development bodies that are formulating the vast majority of standards for the internet, the World Wide Web, and more recently for Cloud computing, Cybersecurity, 5G, Artificial Intelligence (AI), IoT and Blockchain.

In recent years, developing standards which reflect the European perspective for the operation of AI-based systems has become a crucial priority for Standardisation organisations, as also indicated by the increased number of applications on AI Standardisation effort requests.

It is critical to our future to pursue the training of our **next generation of students** in understanding how ICT Standardisation may be used in the most efficient manner. This is why it is important to tap into the knowledge of authoritative individuals who have the standing to bear on identifying novel ICT areas which are maturing significantly enough to warrant investigation as potential standardisation focal points, so that initiatives can be directed towards shaping the right industrial and digital policies to be fed into the SDOs.

Moreover, Standards are increasingly seen as a **bridge between research, innovation, and the market**, and as a means of capturing and disseminating knowledge. With this current report, StandICT.eu has showcased and demonstrated how funding multiple standardisation activities supported a global market, creating opportunities for European businesses and consumers. This is achieved via the most appropriate routes and organisations, contributing to the promotion of European frameworks and projects.

We look forward to welcoming many more **European applicants to support** in the coming years who can provide thought leadership on core ICT topics, that may subsequently circulate back into the community of the European Commission to the Committee on Standards (CoS), through the Multi-Stakeholder Platform (MSP) on ICT standardisation, enhancing an increasingly structural dialogue with Standardisation organisations.

Pēteris Zilgalvis
Head of Unit, Digital Innovation & Blockchain, Digital Single Market
DG CONNECT European Commission

178 Funded European Applicants listed

Impact Report showcases the tangible investment of €1.4 Million to spread EU excellence in worldwide Standardisation

Monitoring Impact

How applicants contribute to Standardisation

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**

Machine Readable Specifications on the example of EN16931 (e-Invoice)

Challenges Addressed

Reducing the use of batteries within Internet of Things end devices by use of Single Pair Ethernet

Nielsen Allan
Group chairman

What contribution have you specially made?

Try to propose a cheaper IoT infrastructure, which can provide data communications as well as power to the IoT devices reducing a the same time environmental impact.

EU Priorities & Gaps

The EU Priority with PT 63171, which is a project team under woring groeup IEC SC48B is to works on reducing the cost of infrastructure, by only using 1 pair for power feeding and data transmission, whereas the current infrastructure systems uses 4 pairs.

An example from key testimonial of Successful Standards Expert Applicants that worked with support of StandICT.eu

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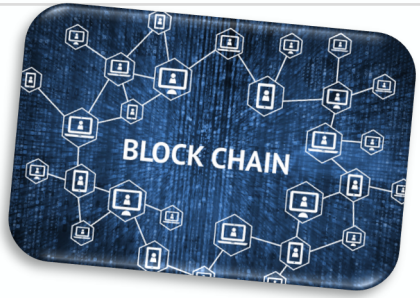
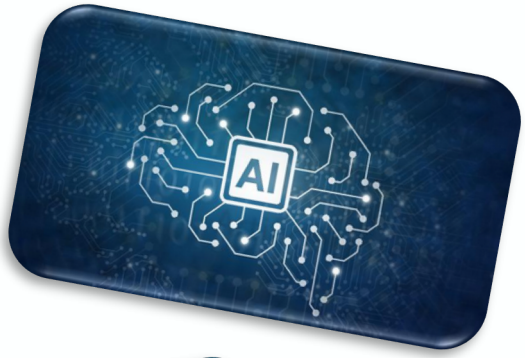
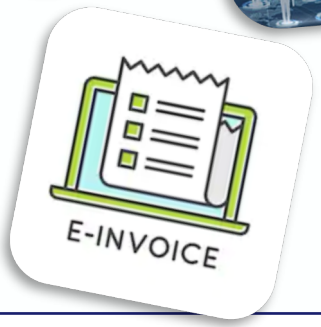
Topical areas addressed by StandICT.eu experts







Broad coverage of the most important ICT domains and trends as defined in the ICT Rolling Plan and listed as DSM pillars

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Thanks for your attention

Do not forget to download your digital copy of the Final Report

http://bit.ly/39POAqW