



CEPIS
Council of European Professional
Informatics Societies

Information Society Group

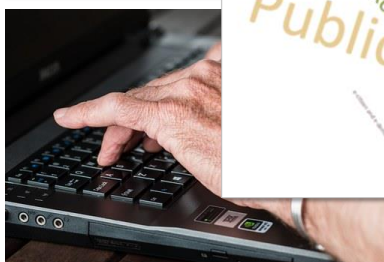
Luis Fernández and Milan Ftáčnik

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ISG scope reminder



Accessibility
IoT AI
Assisted living
DSM
Blockchain
Public e-services





ISG work during 2018

ISG Plan for 2018

- Approved in 59th Council. First goal:
 - List of most impacting ICT topics on daily life of citizens
- Tasks
 - Online survey to collect quantitative and qualitative opinion from members and experts (**June 2018**)
 - F2F meeting in Brussels (**Autumn**) with representatives in the group → plan for next steps to be presented in November Council



ISG work during 2018

Survey to societies' reps and experts

- Announces by secretariat, open during June 2018, implemented on EU Survey: Save a backup on your local computer (disable if you are using a public/shared computer)
CEPIS Information Society Group, Initial Survey
 - <https://ec.europa.eu/eusurvey/runner/CEPIS-ISG-Initial-Survey>

- **12 responses:** Disclaimer: Responsible for the content of questionnaires created using the EUSurvey service - it remains the sole responsibility of the form creator and manager. The use of EUSurvey service does not imply a recommendation or endorsement, by the European Commission, of the views expressed within them.
 - **Volkerm Schanz, Arnheidur Gudmundsdottir, Aleksandar Crnovcic, Bob McLaughlin, Julius Stuller, Marek Hołyński, Selçuk Kavasoglu, Marina Cabrini, Pier Franco Nali, Luis Fernandez**

- **Goal: CEPIS**

Appointed experts for ISG!

- Determining topics to start with
- Reminder: focused on impact of topics in society, not technicalities themselves

Survey design

- **Topics selected after short research**

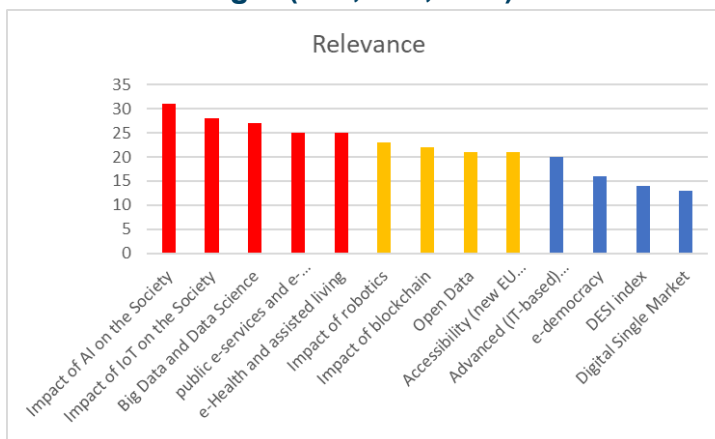
DESI index	Digital Single Market
Impact of robotics	Advanced (IT-based) manufacturing
Impact of IoT on the Society	Impact of AI on the Society
Big Data and Data Science	Open Data
Impact of blockchain	e-Health and assisted living
public e-services and e-citizen	e-democracy
accessibility (new EU directive) & Inclusion	

- **Each topic to be assessed in Likert scale:**

- **Relevance (Highest priority, Very relevant, Relevant, None)**
- **Urgency to be addressed (4 most urgent in order: 1st-4th)**

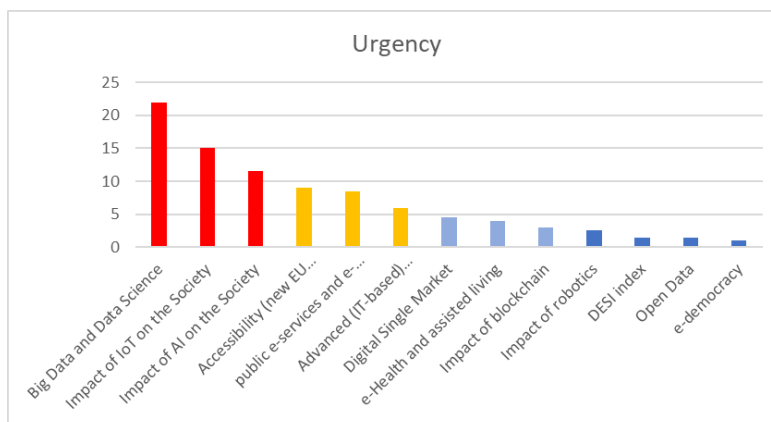
Survey results

- **Relevance x weight (>25, >20, ≤ 20)**



Survey results

- Urgency (1st-4th)



Survey results

- Combined rank

	Relevance	Urgency	Combined
Impact of AI on the Society	1	3	4
Impact of IoT on the Society	2	2	4
Big Data and Data Science	3	1	4
public e-services and e-citizen	4	5	9
e-Health and assisted living	5	8	13
Accessibility (new EU directive) & Inclusion	9	4	13
Impact of robotics	6	10	16
Impact of blockchain	7	9	16
Advanced (IT-based) manufacturing	10	6	16
Open Data	8	12	20
Digital Single Market	13	7	20
DESI index	12	11	23
e-democracy	11	13	24

Start of activities

- **First F2F meeting in Brussels (22nd November) to discuss the plan for 2019 based on the survey results.**
- Final selection of first topics
- How to work/collaborate
- Planned outcomes
- Forecast for meetings and online meetings
- Collaboration with others

Approach

- **Group is focused on the impact on Society of technology trends and hot topics:**
 - Not very much on technical side
 - Obviously a minimum of technical understanding (no fake gurus, please)
 - Instead, mostly on the impact in daily life not only for citizens
 - But for businesses, professionals/employment, etc.
- **Type of reports and conclusions?**





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THANK YOU !

Questions and comments

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**Digital accessibility: an
example**

Dr. Luis Fernández

www.cepis.org

Facts

- **General**
 - EU priority on inclusive Society (e.g. European Disability Strategy 2010-2020, aging population, etc.)
 - 17.6 % of the population aged 15 and over
- **New EU directive 2016/2102 on accessibility of websites and apps for public sector:**
 - Entered into force on 23rd September 2018
 - To be transposed by EU states into their national law for application

Impact in IT professionals and in Society

- **IT professionals:**
 - Tradition of experts who are used to create accessible websites
 - Accessible apps are not so easy, methods still in progress
 - However:
 - All IT professionals: almost no body knows how to make accessible office and multimedia files
 - **IT professionals, webmasters, cannot curate all the content**
 - **However, CEN is creating a “Curriculum for training ICT professionals in Universal Design” TC WI:2018 (E)**
- **Society**
 - As general user, one should know how to make accessible the files to be made public on websites

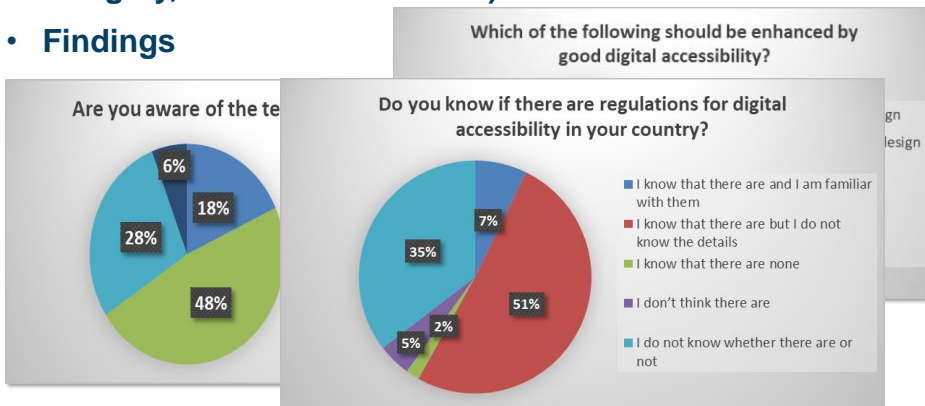
Project WAMDIA (www.wamdia.eu)

- **Under Erasmus+ KA-2 program:**
 - Awareness and training to IT users on basic digital accessibility for files: <http://bit.ly/WAMDIA-5Myths>
 - Targets:
 - VET teachers, managers and students (no IT)
 - Public employees and managers (no IT)
 - SME employees and managers (no IT)
- **Benefits:**
 - Updating IT literacy certifications/training (ECDL, DigComp, etc.)
 - Direct connection to authorities and education

Survey from WAMDIA (www.wamdia.eu)

- **525 responses from many countries (mainly Spain, Italy, Hungary, Sweden and Ireland)**

- **Findings**



Lessons

- **Example coming from a political decision in parallel to evolution of Society's attitude**
- **Consequences to:**
 - **IT professionals (several initiatives: CEN, OCG, Italy...**
 - **IT users in active role**
 - **Users in passive role**
- **Opportunities to act even with EU funding**
 - **Impact of technology-relevant topics in education and skills (VET, school, etc.)**