

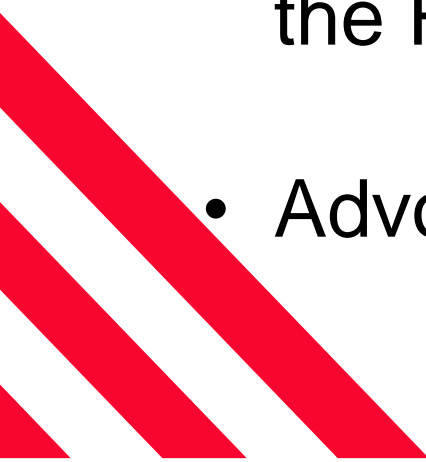


Persons with disabilities' perspective on e-Accessibility


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21 October 2019


About the European Disability Forum

- Umbrella organisation **of** persons with disabilities, **run by** persons with disabilities
 - 99 member organizations representing 15 % of the EU population (80 million persons with disabilities)
 - Fight against discrimination and promote the Human Rights of persons with disabilities. UN Convention on the Rights of Persons with Disabilities
 - Advocacy organisation at European level
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ICT as key enabler for persons with disabilities

- Gateway to social participation and independent living, civil and political rights.
 - Overcome existing barriers.
 - Recognized by the UN Convention on the Rights of Persons with Disabilities.
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Factors in favor

- Legal policy framework for e-Accessibility
 - Mainstream technology working as/with assistive technologies.
 - Tech convergence.
 - More easily adaptable (customization).
 - Emerging technologies bringing new accessibility solutions.
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Challenges

- Accessibility to become an intrinsic element of all ICT, similar privacy, data protection, etc..
- Meaningful involvement of persons with disabilities.
- Interoperability with assistive technologies.
- Policy implementation.
- Accessibility professionals.



**Triple A condition for ICT:
Available, Affordable & Accessible**

EDF twin track approach to European Union e-accessibility policy

1. Disability specific (empowerment):

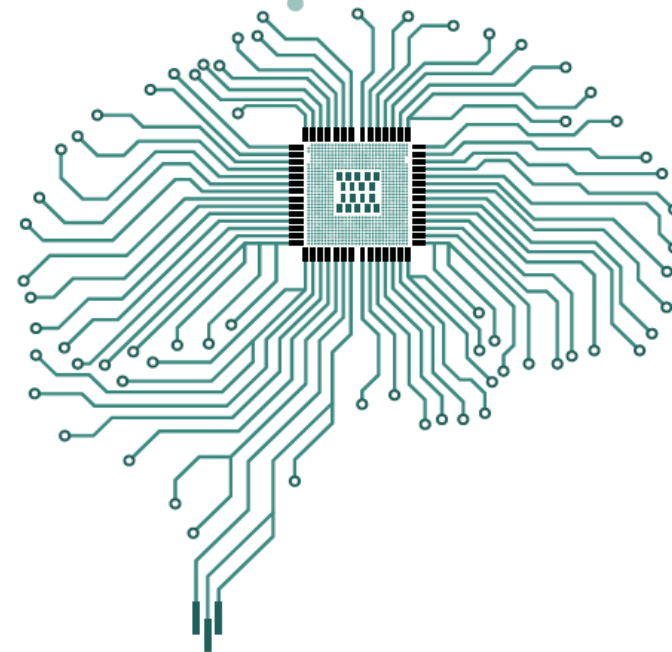
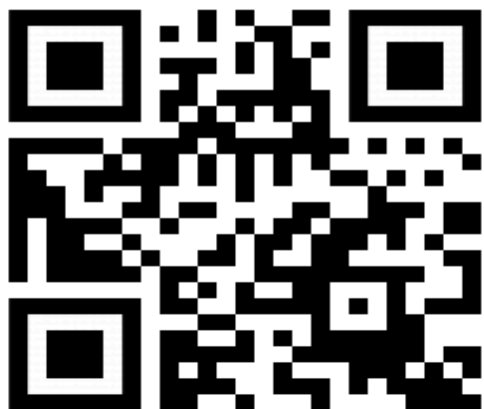
- [Web Accessibility Directive](#)
- [European Accessibility Act](#)
- [European Standard on accessibility requirements for ICT](#)
- [European Standard on Design for All](#)

2. Sectorial (mainstreaming accessibility)

- [Audiovisual Media Services Directive](#)
- [European Electronic Communications Code](#)
- [Ethics Guidelines for Trustworthy Artificial Intelligence](#)

Plug and pray? A disability perspective on artificial intelligence, automatic decision- making and emerging technologies

<http://bit.ly/PlugAndPray>



PLUG AND PRAY?

A disability perspective on artificial intelligence,
automated decision-making and emerging technologies




Opportunities:

- Accessible content.
- Enhanced communication
- Exploration
- Adapted learning
- Rehabilitation
- Supporting independent living and autonomy
- Smart homes
- Smart cities

Risks:

- Bias and discrimination
- Privacy and security flaws
- Self/soft regulation
- Complexity in use
- Beyond people's budget
- Inaccessible design
- Lack of interoperability
- Lack of users involvement
- Lack of diversity

Conclusions. The way forward

1. Industry to follow a universal design approach – **Respect accessibility standards!**
 2. Policy-makers to set up the right legal framework in the technology field, ensuring the inclusion of persons with disabilities.
 3. Persons with disabilities to engage in discussions about emerging technologies.
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THANK YOU

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