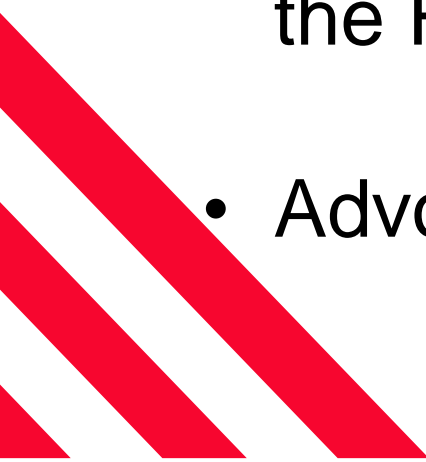# EUROPEAN DISABILITY FORUM

"Plug and Pray?"
Opportunities and risks
of Emerging technologies report

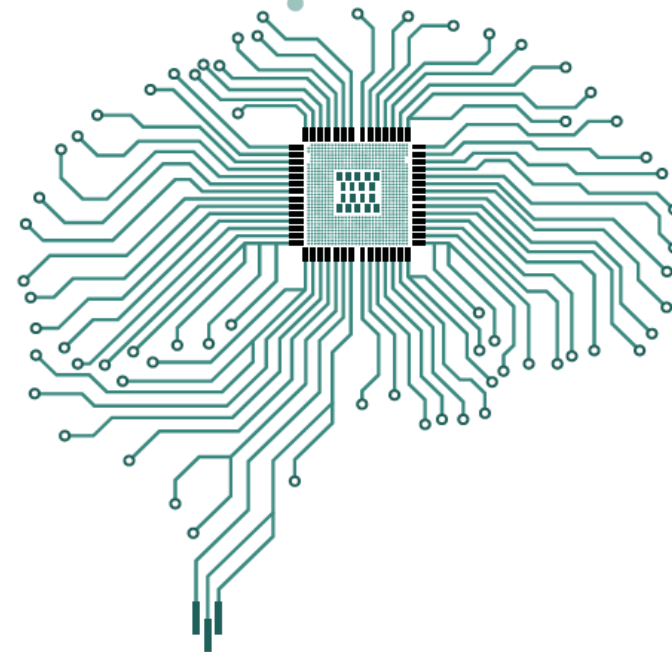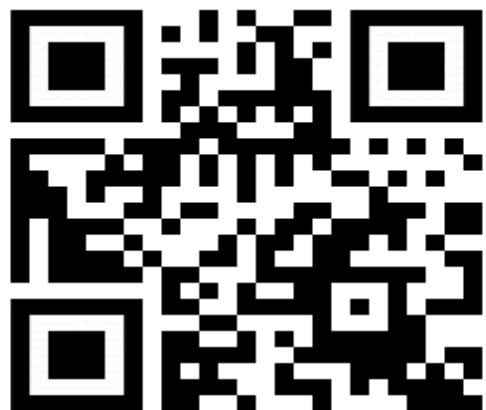Alejandro Moledo, EDF Policy Coordinator
Accessible Europe conference, Malta, 5 December 2019

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 (100 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

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

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http://bit.ly/PlugAndPray

EUROPEAN DISABILITY FORUM

PLUG AND PRAY?

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

Emerging Technologies Report:

A

Aims at:

- Outlining the opportunities of emerging technologies

- Highlighting the concerns and risks of emerging technologies

- Providing practical recommendations

Conducted:

- Research

- Interviews with accessibility and ICT experts

- Survey to persons with disabilities

- [Event about Artificial Intelligence](#) in Vienna

Artificial Intelligence

- For accessible content

- Translation

- Subtitling

- Clarity of complex Information

Reality Technologies.

- **Augmented/Virtual Reality**

  - Exploration of Environments

  - Learning

  - Rehabilitation

- **Avatars**

Robotics and Smart Environments

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- Robotics

- Smart Environment

- Smart Cities

- Smart home and Internet of Things

Risks of emerging technologies

- Discrimination and bias

- Poor accessibility and usability

- Interoperability with assistive technologies

- Privacy and Security

- Affordability

- Lack of Digital Skills

Recommendations

- **To tech companies**. Universal Design approach. Diverse teams make better decisions . Test products with a broad range of scenarios and users.

- **To policy makers**. Require accessibility and non-discriminatory solutions (in procurement too). Involve persons with disabilities.

- **To academia**. Work with DPOs. Research the impact of emerging technologies in persons with disabilities everyday lives and challenges.

- **To DPOs**. Engage in discussions about emerging technologies and build alliances with other stakeholders (academia & tech companies).

Thank you!

alejandro.moledo@edf-feph.org

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

www.edf-feph.org