Digital Accessibility Standards: New Frontiers

E.A. Draffan,
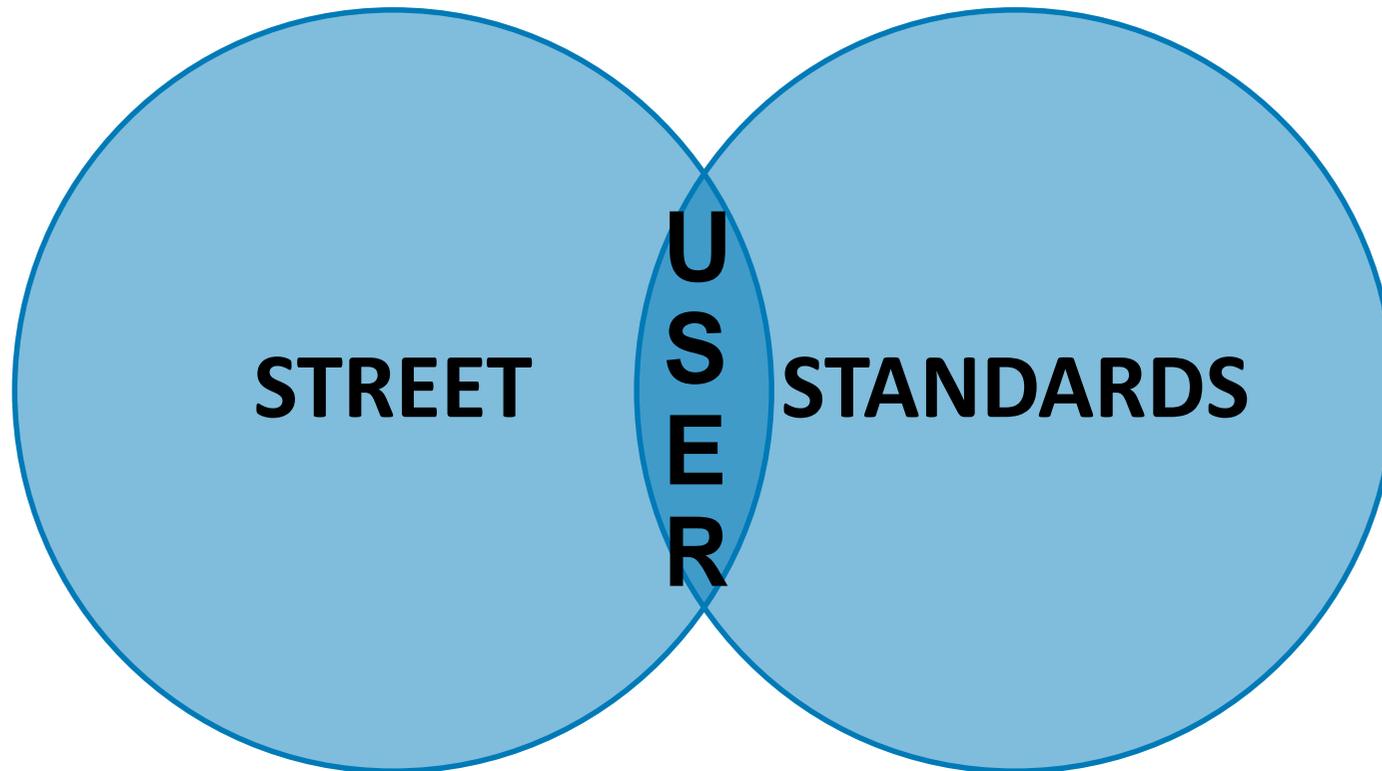EDF-ICT Expert Group, Geneva, 25th March 2019

About the European Disability Forum

- Umbrella organization supporting 80 million Europeans with disabilities (15% EU population)
- Organisation **of** persons with disabilities, **run by** persons with disabilities
- Fight against discrimination and promote the Human Rights of persons with disabilities
- Full implementation of the UN Convention on the Rights of Persons with disabilities (UN CRPD)
- Advocacy organisation at European level
  - Closely work with the European Union, the Council of Europe and the United Nations

Strategies to support Standards

…"standardization is a key vehicle to develop global telecommunications and ICT standards that include accessibility features" [The ICT opportunity for a disability-inclusive development framework](#) **BUT**

STREET wise approach to User accessibility needs – ISO/IEC 29138-1:2018 (90 pages)

Strengths

Tasks
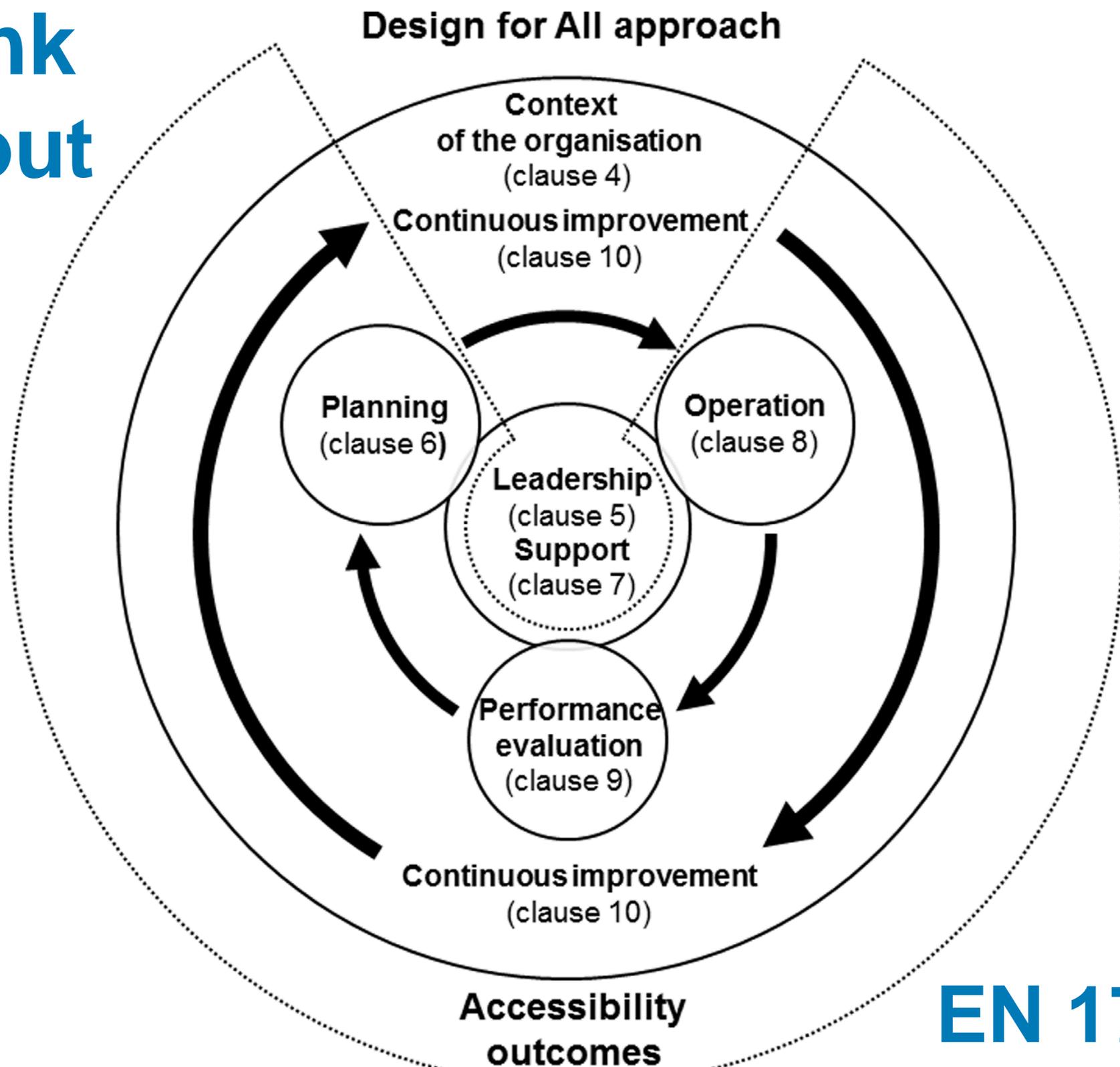
Resources

Environment

Expertise

Technologies

Matching Stuff to Standards!

- Documents
- Devices and Applications
- Web Content
- Etext & Ebooks - formats
- Content and Learning Management Systems
- User Agents
- Authoring Tools
- **AI in all its flavours**.

- Ergonomics [ISO/TC 159](#)
- IT [ISO/IEC JTC 1](#)
- AT etc [ISO/TC 173](#)
- **AI** [ISO/IEC JTC 1/SC 42](#)
- ETSI, CEN, CENELEC [EN 301 549, EN 17161:2019](#)
- W3C, WAI, WCAG, UAAG, ATAG etc. coga
- EU Accessibility Act - products and services – April 2019

Design for All approach

Context
of the organisation
(clause 4)

Continuous improvement
(clause 10)

Planning
(clause 6)

Leadership
(clause 5)
Support
(clause 7)

Operation
(clause 8)

Performance
evaluation
(clause 9)

Continuous improvement
(clause 10)

Accessibility
outcomes

EN 17161

Are AI standards considering the diversity in disabilities?

European AI High Level Expert Group and the EU AI Alliance.

All-encompassing big data

Equitable algorithmic, bias and fairness

Safety, security and privacy

Transparency and accountability

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

THANK YOU

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