

UNLIMITED!3 INNOVATION FOR ACCESS: NEW INTERACTIONS

ONLINE TEASER EVENT - 2 JULY 2021

IMPACT Erasmus+ project: Accessibility training for the new digital world

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Digital accessibility definition

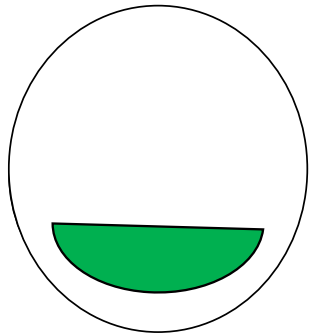


Digital accessibility means that websites, tools, and technologies are designed and developed so that people with disabilities can use them.

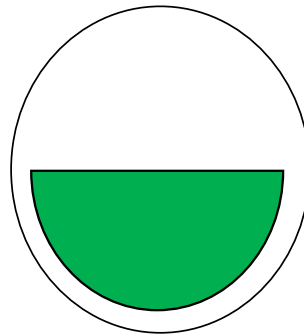
More specifically, people can:
perceive, understand, navigate, and interact with the Web contribute to the Web.

(source: WAI/W3C)

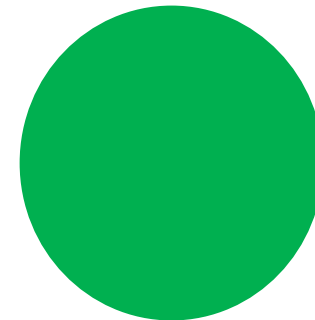
EU Accessibility legislative framework



UNCRPD (2006)

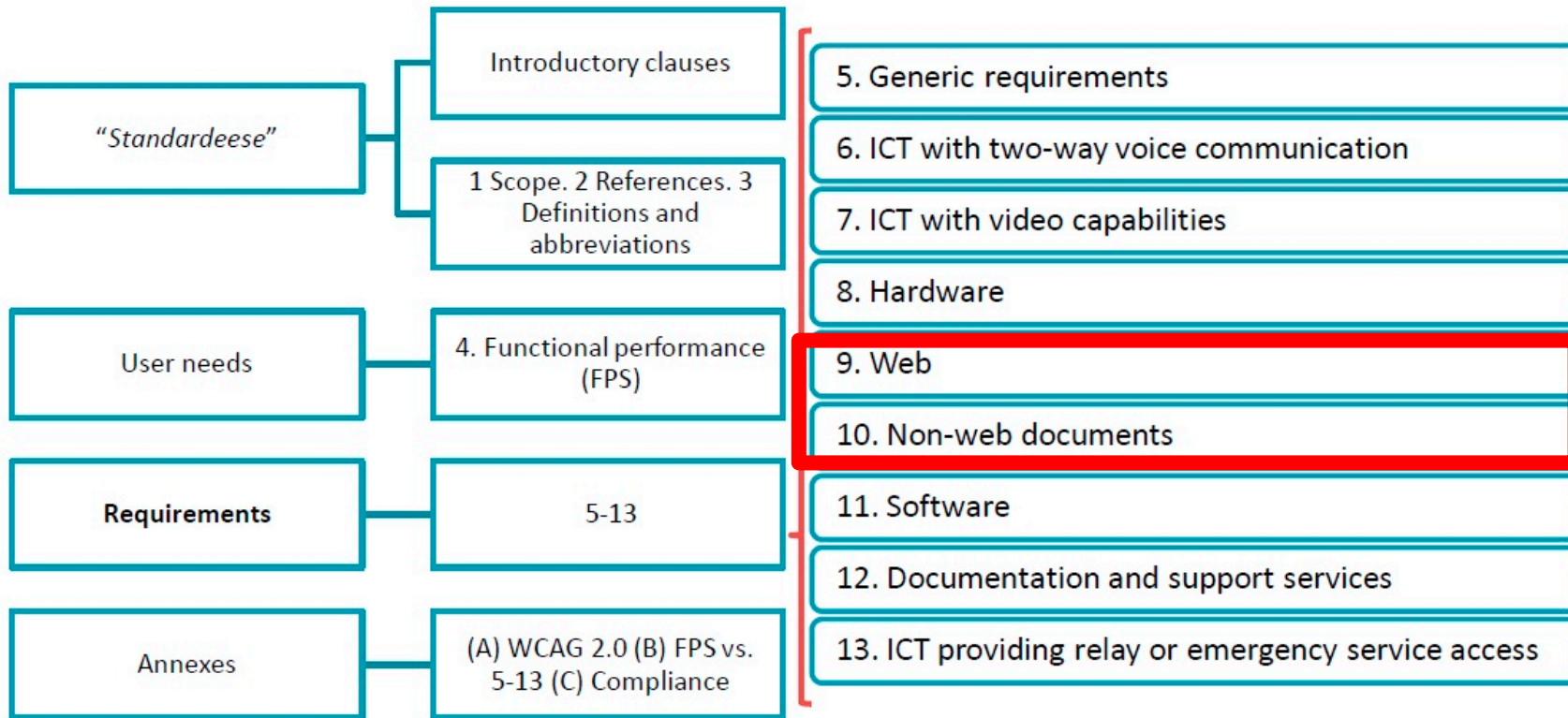


**European Web Accessibility
Directive (2016)**
**Audiovisual Media Service
Directive (2018)**
**European Accessibility Act
(2019)**



**EU Standard EN
301 549 v3.2.1
(2021)**
“Accessibility
requirements for ICT
products and
services”

Structure of EN 301 549



WCAG 2.1. structure

Principles	Guidelines	Level A	Level AA	Level AAA
Perceivable	Text Alternatives	✓		
	Time-based Media	✓	✓	✓
	Adaptable	✓		
	Distinguishable	✓	✓	✓
Operable	Keyboard Accessible	✓		✓
	Enough Time	✓		✓
	Seizures	✓		✓
	Navigable	✓	✓	✓
Understandable	Readable	✓	✓	✓
	Predictable	✓	✓	✓
	Input	✓	✓	✓
Robust	Compatible	✓		

Issues identified



42% of users are not (very) satisfied with the “Web Accessibility Directive transposition and implementation”

The majority of new websites (80%) are found not accessible.

(source: EDF survey 2019)

Most common WCAG 2.1. failures

WCAG Failure Type	% of home pages in February 2021	% of home pages in February 2020	% of home pages in February 2019
Low contrast text	86.4%	86.3%	85.3%
Missing alternative text for images	60.6%	66.0%	68.0%
Missing form input labels	54.4%	53.8%	52.8%
Empty links	51.3%	59.9%	58.1%
Missing document language	28.9%	28.0%	33.1%
Empty buttons	26.9%	28.7%	25.0%

(source: Webaim 2021)

WCAG 2.1. & Media Accessibility

Success criteria	Level	Description
1.2.1. Audio-only and Video-only (Prerecorded)	A	An alternative for time-based media is provided that presents equivalent information for pre-recorded audio-only and video-only content. (i.e. interactive transcriptions)
1.2.2. Captions (Prerecorded)	A	Captions are provided for prerecorded audio
1.2.3 Audio Description or Media Alternative (Prerecorded)	A	Authors have the choice of providing either an audio description or a full text alternative.
1.2.4. Captions (Live)	AA	Captions are provided for all live audio content in synchronized media.
1.2.5. Audio description (Prerecorded)	AA	Audio description is provided for prerecorded video
1.2.6. Sign Language (Prerecorded)	AAA	Sign language is provided for prerecorded audio
1.2.7. Extended Audio Description (Prerecorded)	AAA	Where pauses in foreground audio are insufficient to allow audio description for prerecorded video.
1.2.8. Extended audio description (Pre recorded)	AAA	Authors provide an extended audio description. Does not apply if 1.2.3 and 1.2.5 are provided.
1.2.9. Audio only (Live)	AAA	An alternative for time-based media that presents equivalent information for live audio-only content is provided.

IMPACT project



Inclusive Method based on the Perception of Accessibility and Compliance Testing



Erasmus + Strategic Partnerships
in Higher Education.

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of the European Union



Project partners



Leader

koana

Partners



Objectives



- Map the current situation of digital accessibility practices in terms of training and practice.
- Define the skills framework for a new professional profile “Digital Accessibility Educator/Mediator”
- Generate recommendations for digital accessibility training.
- Develop open source training materials.

Stages of the project

(IO1) Draft the skills

(IO2) Design modular curriculum

(IO3) Create open resource materials

(IO4) Curriculum certification

Stage 1: Objectives

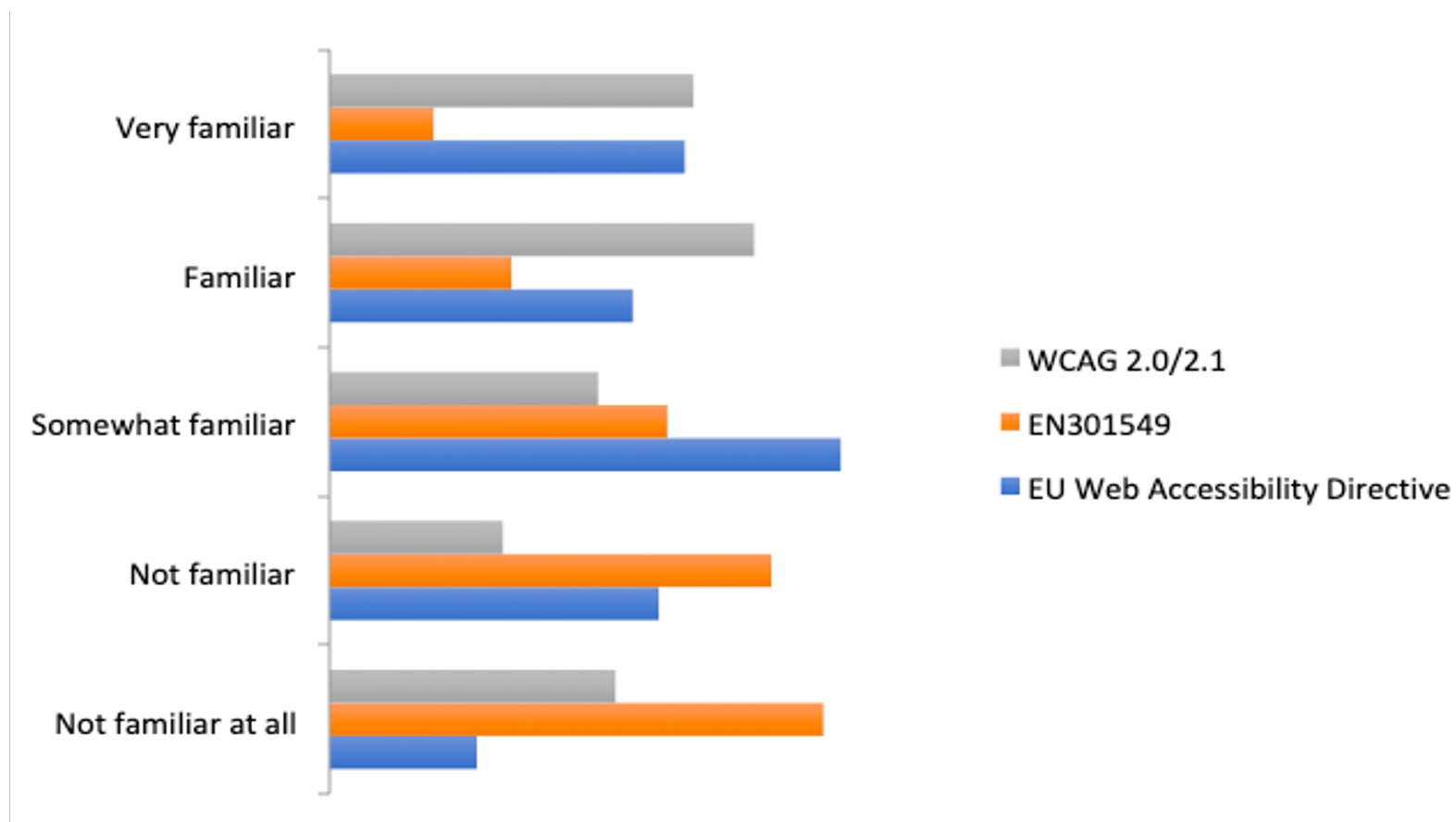


- Map the current situation of web/digital accessibility practices in the EU.
- Define the skills framework for a new professional profile “Digital Accessibility Educator/Mediator”

Report led by UAB:

[Digital Accessibility Educator: a skill card](#)

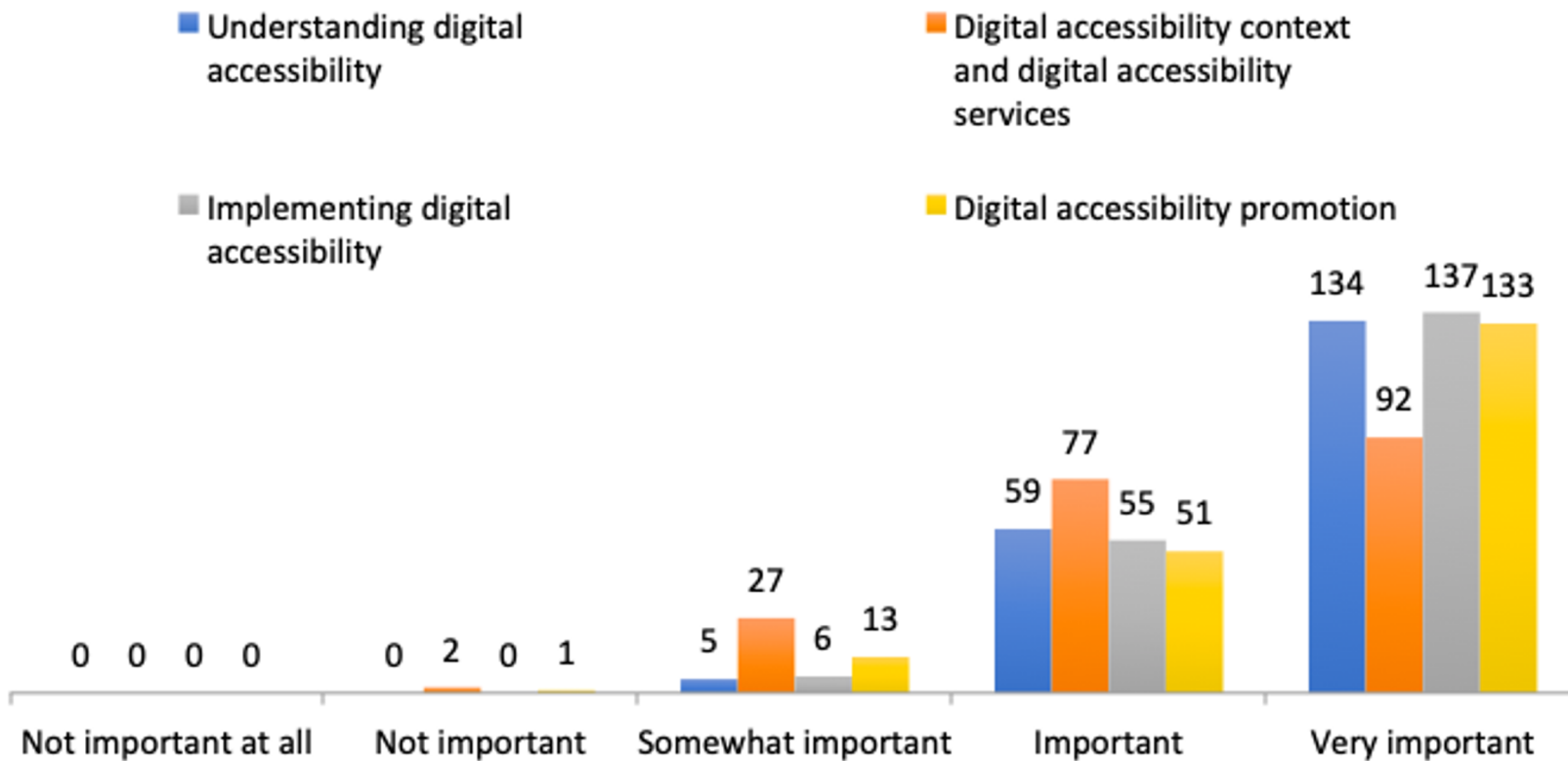
Familiarity with digital accessibility standards



Digital accessibility training

90.88% reported a need and an interest
for training in digital accessibility

Competences



Skills card structure

Understanding Digital and Media Accessibility

- Basic concepts
- Target groups and their needs
- Accessibility context

Digital Accessibility context and digital accessibility services

- Accessible web
- Accessibility services
- Accessibility tools

Implementing Digital accessibility

- Getting started with web accessibility
- Accessibility management
- Toolkit for adults
- Sensibilisation toolkit for children

Digital accessibility promotion

- Accessibility needs and benefits
- Stakeholders involvement
- Accessible communication

Conclusions

- Participants are familiar or very familiar with the European Web Accessibility Directive and the international standard WCAG 2.0/2.1. but the **European standard EN301 549 remains unknown.**
- **Web/digital accessibility training is needed specially in the case of the European standard EN301 549.**
- Results confirm the **need and clear demand for training in web/digital accessibility in all countries.**
- Interest in the proposed competences through online survey and validation of the skills cards through five focus groups (France, Spain and Ireland).

Thanks for your attention!!



Questions?

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Disclaimer



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