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Managing accessibility, inclusion, and diversity in online educational contexts: The IDE@ project

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Outline

- Accessibility, inclusion and diversity in online teaching
 - The IDE@ project
 - Proposed competence framework for trainers
 - Created materials
 - Conclusions and further steps
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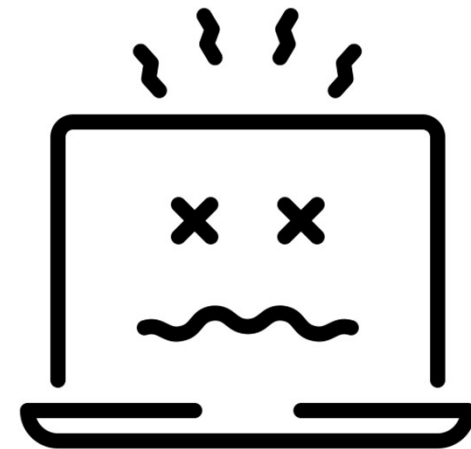
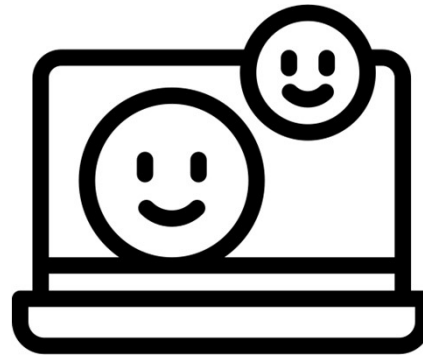
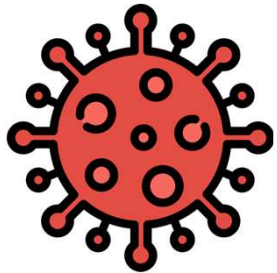
Agenda 2030



SDG4 focuses on education and aims to

“ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.”

E-learning during COVID 19

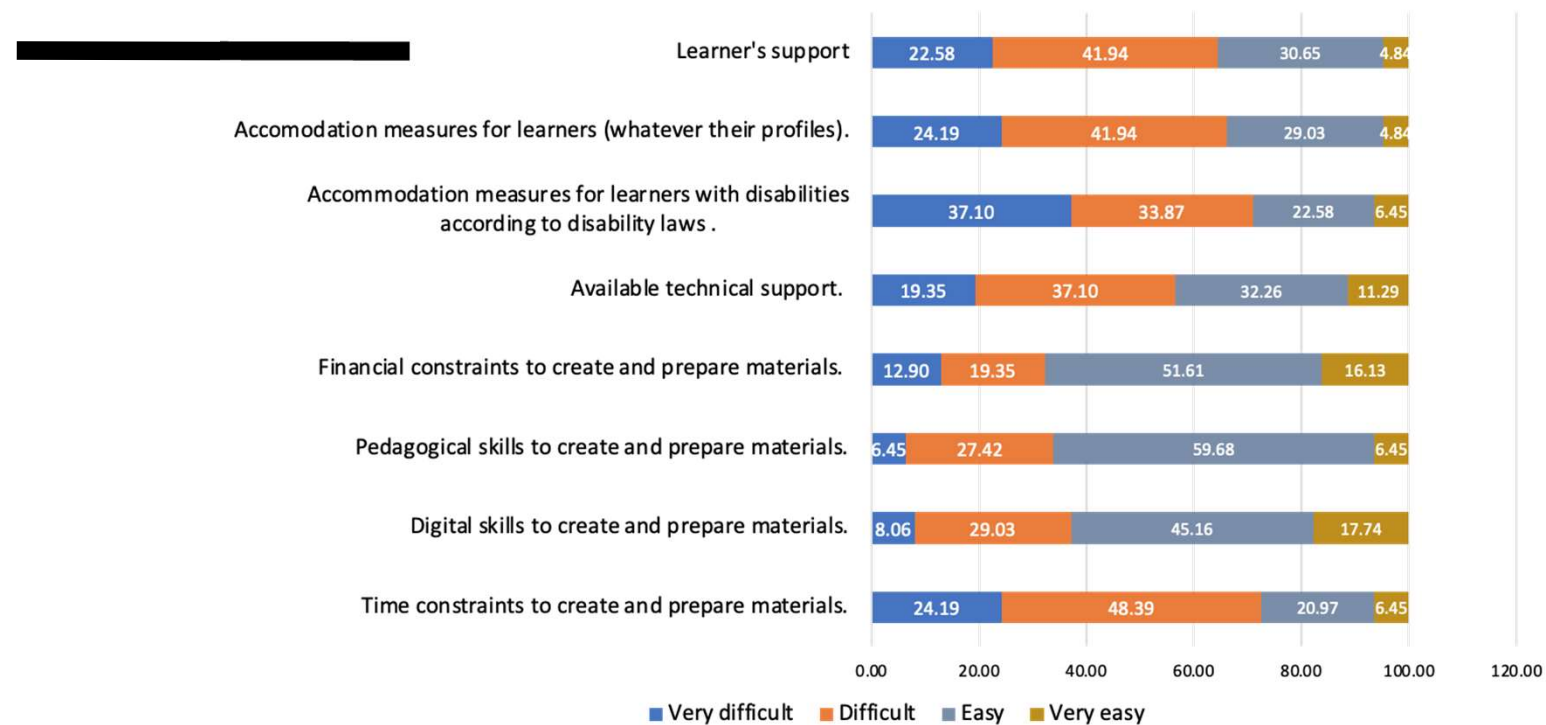


Universal Design for Learning (UDL)

Universal Design for Learning (UDL) framework is gaining recognition internationally for its increasing presence across different educational literature and research studies from primary and post-secondary education to higher education.

(Al-Azawei et al. 2016)

Teachers reported difficulties with online platforms



Research studies on UDL



Positive affects on students' persistence, retention, and satisfaction.

(Cash et al., 2021; Kennette and Wilson, 2019; Lombardi et al., 2018; Roberts et al., 2011; Rogers-Shaw et al., 2018; Rose et al., 2006; Sadeghi, 2019; Smith, 2012).



UDL framework is complex, and not every guideline can be met in every aspect of every course.

Mainly conceived for face to face teaching.

(Tobin and Behling, 2018)

Accessibility, inclusion and diversity in online education



The identification of accessible and inclusive strategies in online education is helpful for:

- Making education accessible for all
- Creating an inclusive environment for all
- Representing the diversity of our society

Question...



Have you runned the accessibility checker of your presentation?



IDE@ Project Partners


Coordinator




Partners



Objectives


1. Identify the **challenges of online teaching and learning during the COVID-19** from a **learners'** (stage 1) and from a **teachers'** (stage 2) perspective.
 2. Propose and validate a **modular curriculum** (stage 3) and an **open repository of materials** (stage 4) for the creation of a **new professional profile** "Certified Trainer in Inclusive Distance Learning" (stage 5).
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Challenges of online teaching and learning


- UDL remains unknown within the teaching community, very theoretical > Easy to understand guidelines.
 - Need for guidance to understand, manage and promote diversity in online courses > Address user needs.
 - Need for guidance to implement accessibility features and services of the given platforms > Guidance on provided ICT tools
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Coming soon...

Online course with 6 module:

- Module 1 - Understanding UDL and web accessibility for an inclusive and accessible distance training solution.
 - Module 2 - Analysing the educational situation in the context of inclusion and accessibility
 - Module 3 - Designing an inclusive and accessible distance training solution
 - Module 4 - Developing an inclusive and accessible distance training solution
 - Module 5 - Implementing an inclusive and accessible distance training solution
 - Module 6 - Evaluating a distance training solution in the context of inclusion and accessibility
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Conclusions and available resources

- There is a long road to go to reach the full participation of all learners.
 - Online teaching and learning needs to adopt accessible and inclusive approaches and consider the diversity of all learners.
 - Open resource materials in line with the proposed modular curriculum are currently being finalised.
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Thank you!



Any questions?

