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Green Immersive Education for All

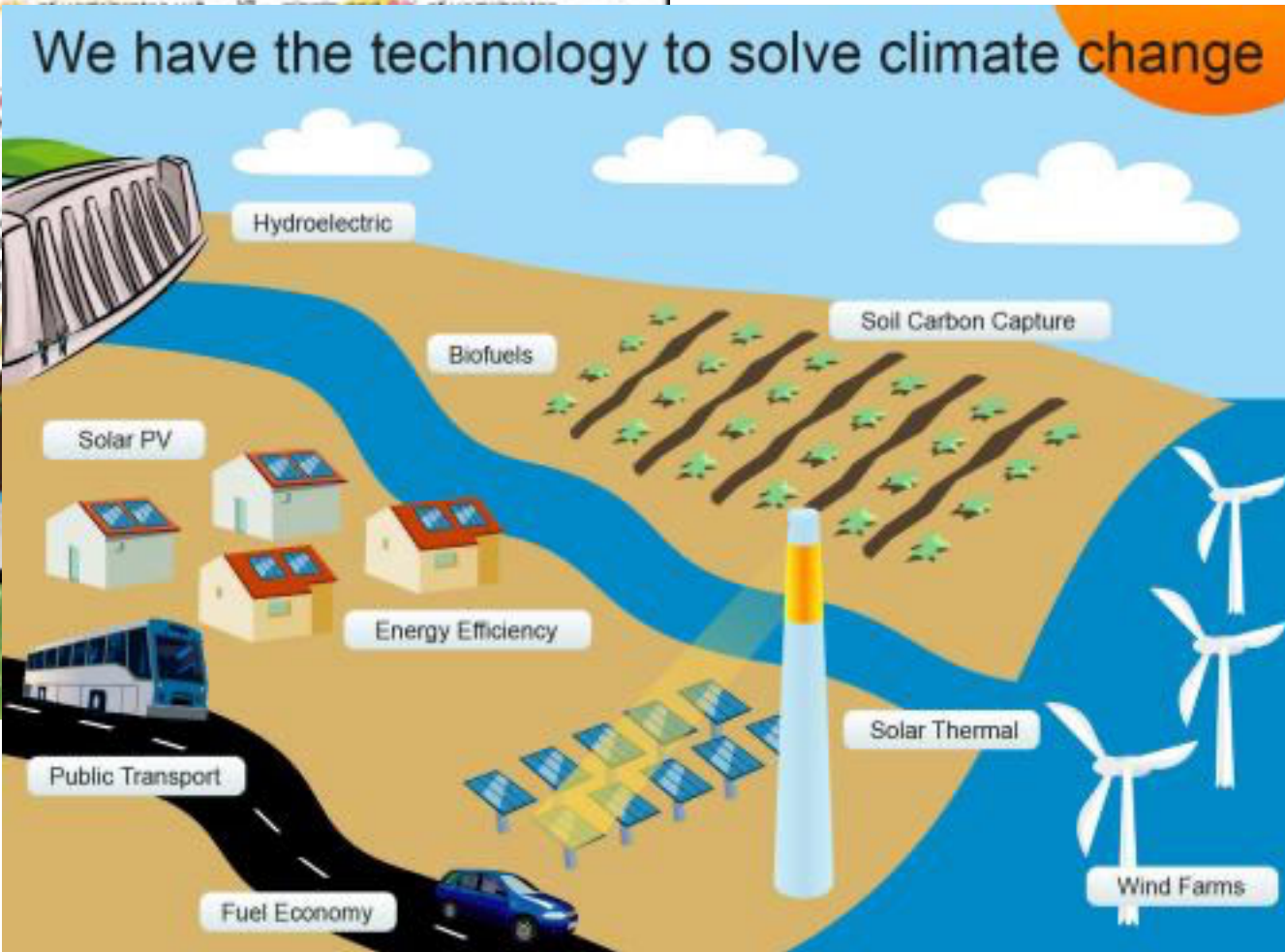
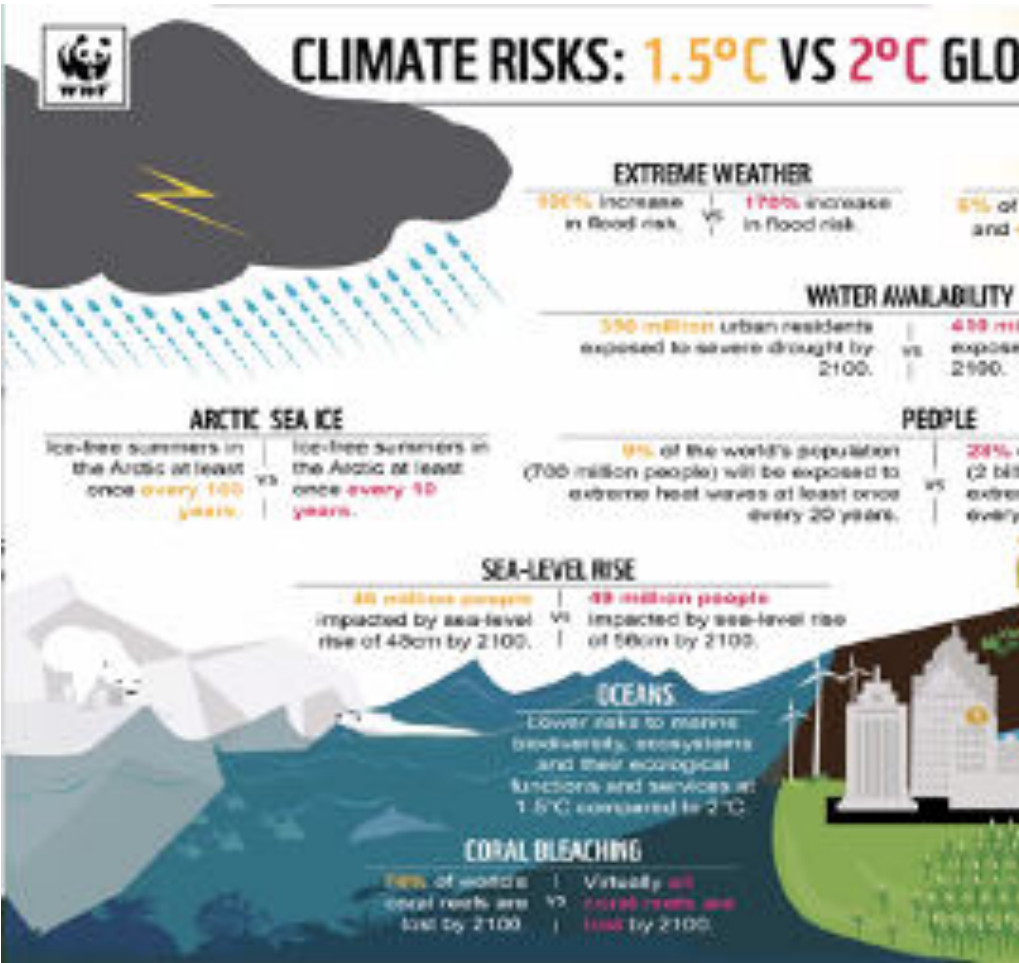
Pilar Orero



Topics

- Green Media
- Immersive environments as a learning tool
- Accessibility in immersive environments







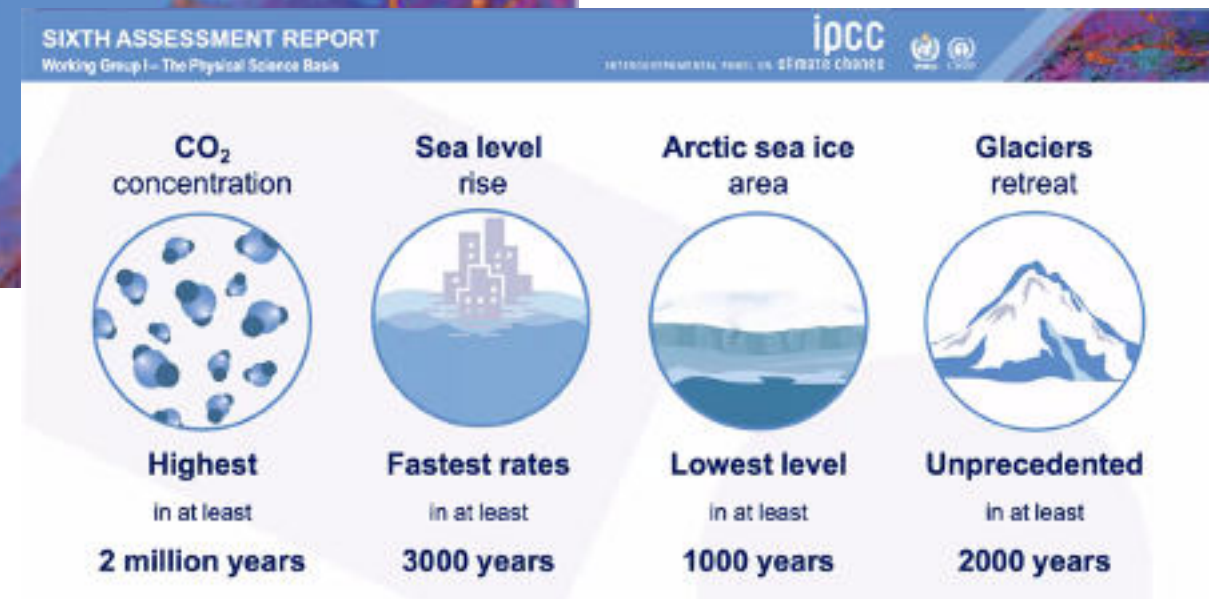
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Sixth Assessment Report
WORKING GROUP I
The Physical Science Basis

ipcc
INTERGOVERNMENTAL PANEL ON climate change

Unless there are immediate, rapid and large-scale reductions in greenhouse gas emissions, limiting warming to close to 1.5°C or even 2°C will be beyond reach.

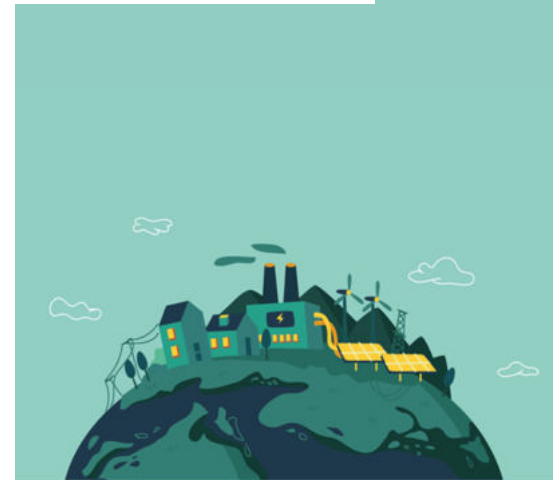
#IPCC
#ClimateReport



Media pollution

Greenpeace suggests that Information and Communications Technologies (ICT) generate up to 3% of global carbon emissions (on par with air travel).

It is estimated that by 2030, ICT electricity usage could contribute up to 23% of the globally released greenhouse gas emissions.





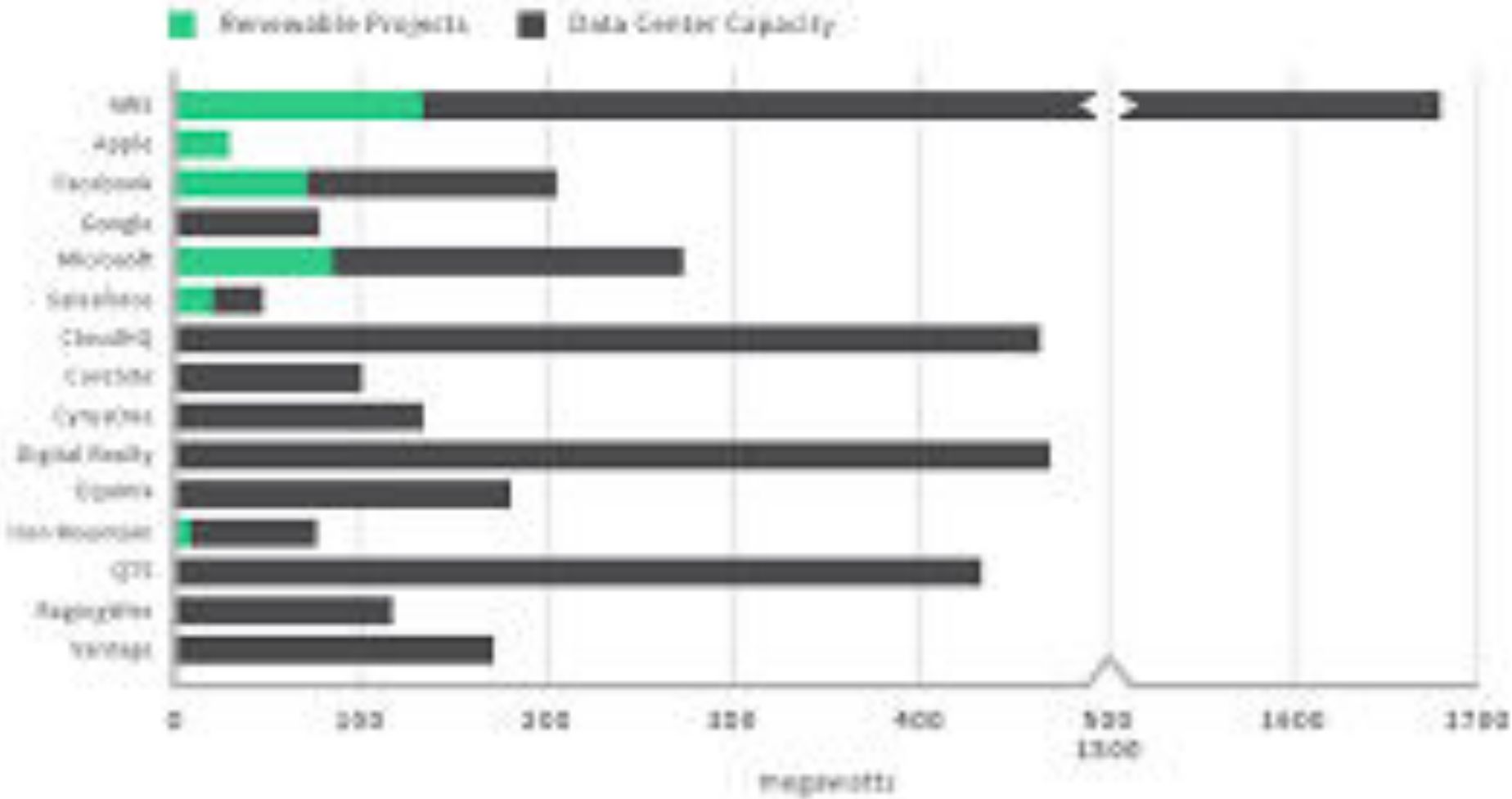
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"The tech sector brands itself as the industry of the future. But when it comes to climate action, tech giants like Samsung and Xiaomi remain trapped in the past."

**Xueying Wu, Race To Green Report
by Greenpeace, Co-author**

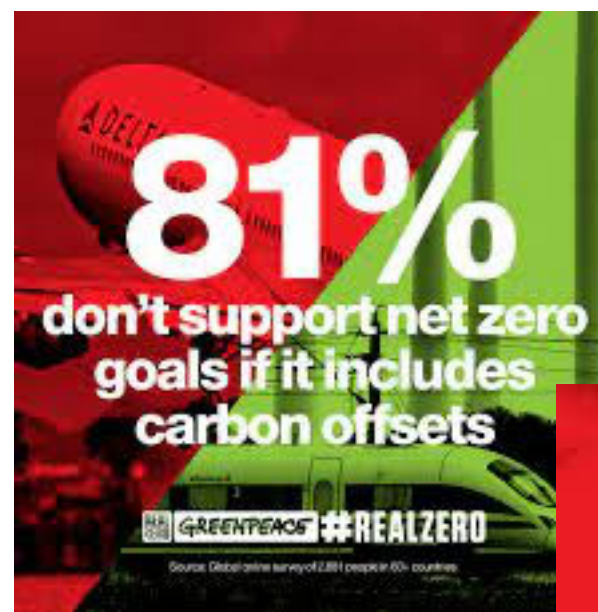
Dirty Data or Clicking Clean— Who is Closing the Dirty Energy Gap in Virginia?



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Any plans?

- Halve emissions by 2030
- Halve them again by 2040
- Net zero by 2050



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albert's Carbon Calculator

- 3rd iteration has international capacity
- Mandatory for BBC, ITV, Ch4, UKTV, Sky , TG4 & Netflix
- Data input by PM/ Production Co-ordinator
- Predicted and final carbon footprint
- 4 Activity Areas: Transport, Spaces Materials & Disposal
- Total footprints in 2020-21 was 1,855 vs to 1,385 in 2019-20 (+470)



ALBERT

wearealbert.com

Media Sustainability Policy Series



List of topics

- 1. Definition of Community Broadcasting
- 2. Formal Recognition
- 3. Licensing Systems
- 4. Reserving Spectrum
- 5. Providing Public Funding
- 6. Access to Private Sources of Funding & Support
- 7. Digital Terrestrial Transition & Digital Distribution Methods
- Policy Checklist

Sustainable XR

Life cycle of AR glasses, VR headsets?

How to recycle these objects?

How to manage the growth of need to store data?

How to reduce the size of digital assets?

How to facilitate the re-use such assets and avoid duplication ?

Favour the European AR/VR technology (public procurement):

Lynx (AR/VR), Varjo (VR), ActiveLook/MicrooLED (AR)

A large teal circle containing the GreenScout logo. The logo consists of the word "GREEN" in white above the word "SCOUT" in white, with a small orange square to the right of "SCOUT". Below this, in smaller text, is "SMART CITIZEN EDUCATION" and "FOR A GREEN FUTURE".

GREEN
SCOUT
SMART CITIZEN EDUCATION
FOR A GREEN FUTURE



Changing behaviour

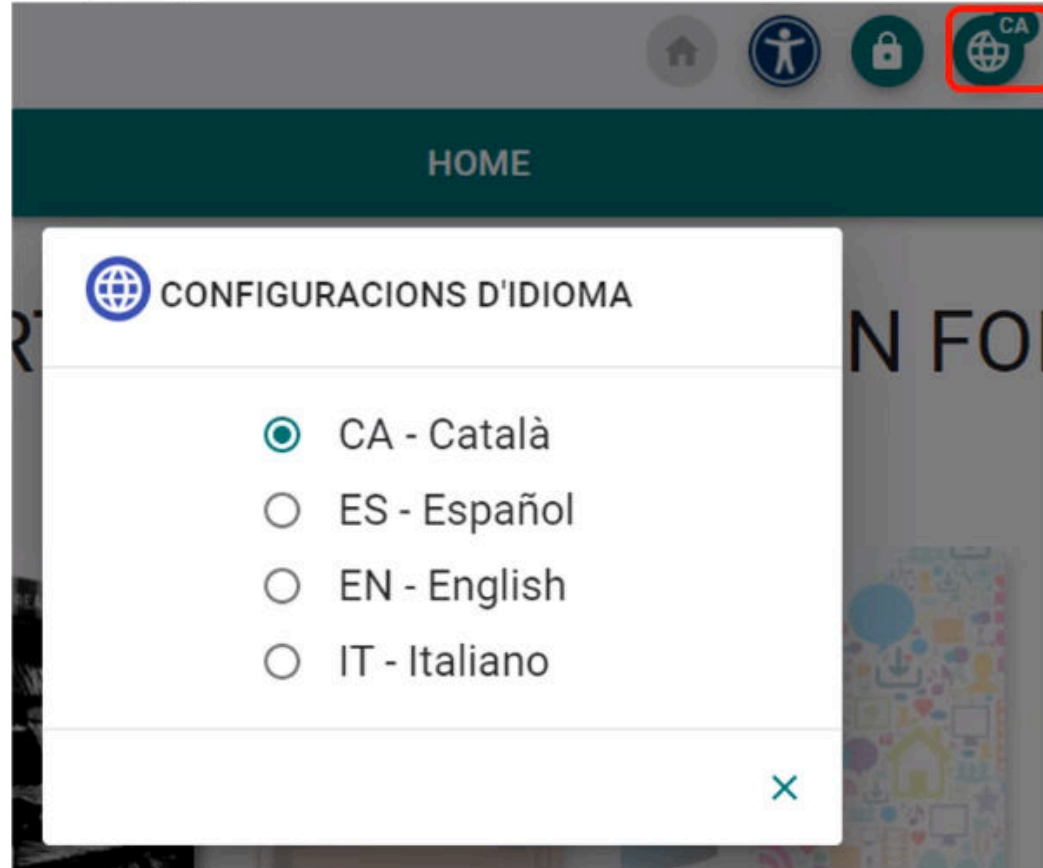


What is GreenScent?



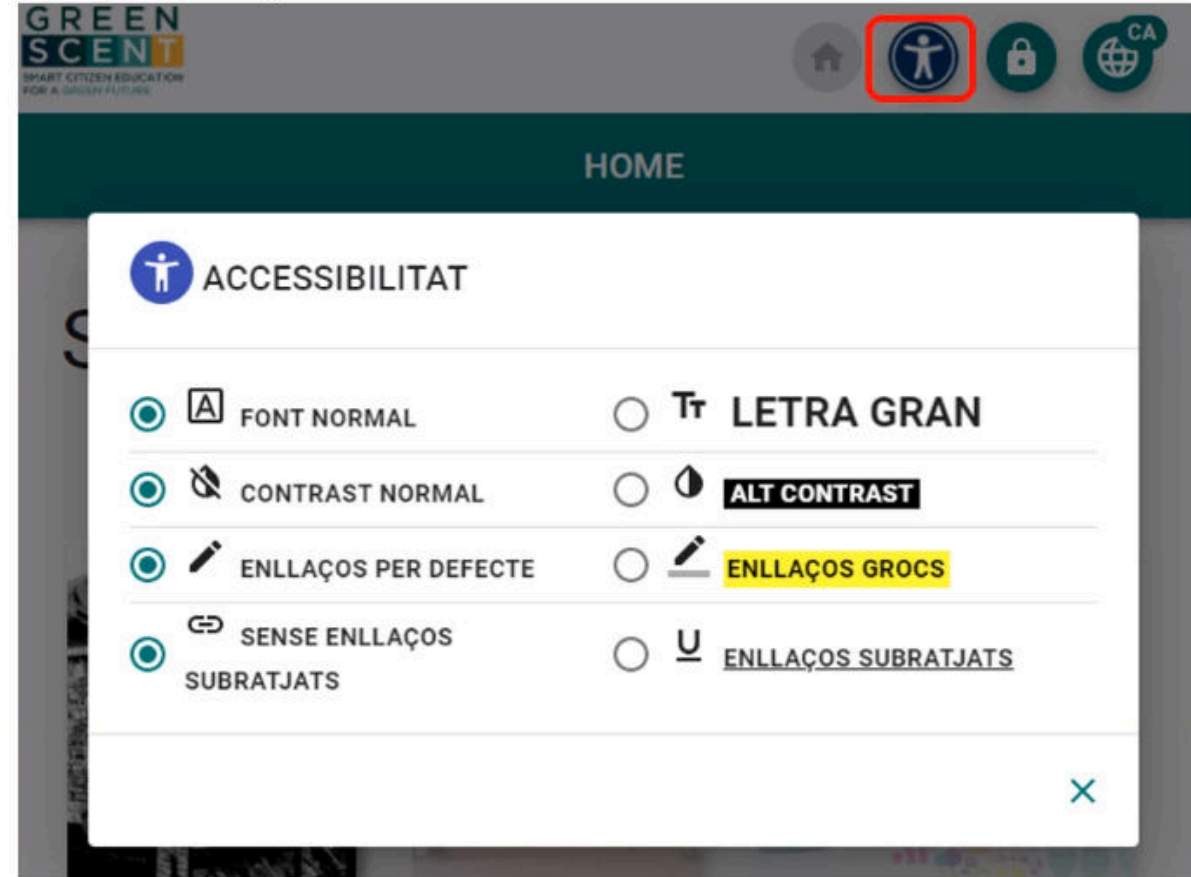
Platform - Accessibility

Languages of the interface



Catalan is the default choice
Some technical terms are still in English

Accessibility Menu

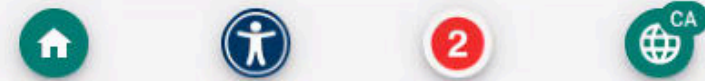
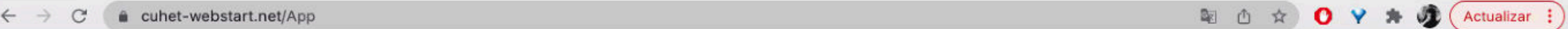
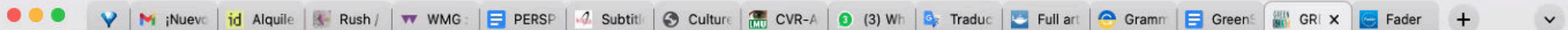


Not working on every page yet



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GREEN
SCENT



HOME

CONFIGURACIONES

HotSpot

- Image
- 2D Video
- Audio
- Text
- Text line
- Html Page

testconfiguration

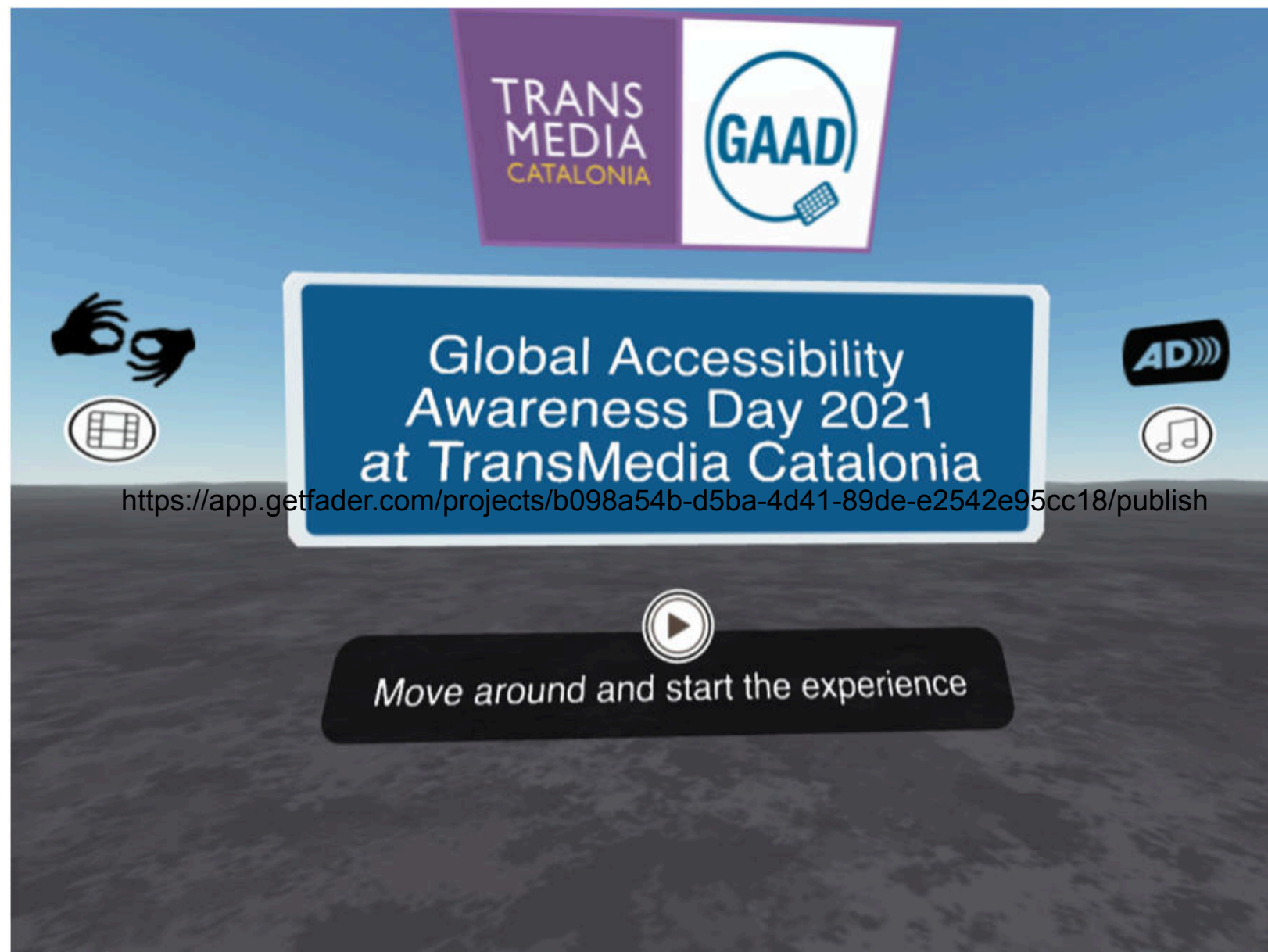


Props Events

List Jumps End of video



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A photograph of two children, a boy and a girl, standing side-by-side and looking at the camera. The boy on the left is wearing a light blue surgical mask and a brown hoodie. The girl on the right is wearing a yellow surgical mask and a grey sweater. They are both smiling slightly. The background is a blurred outdoor setting with some architectural elements.

**Veure-hi amb les orelles,
sentir-hi amb els ulls**

- Thank you

This presentation is part of the projects MEDIAVERSE and GREENSCENT which have received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 957252 and 101036480 .

