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# Green Immersive Education for All

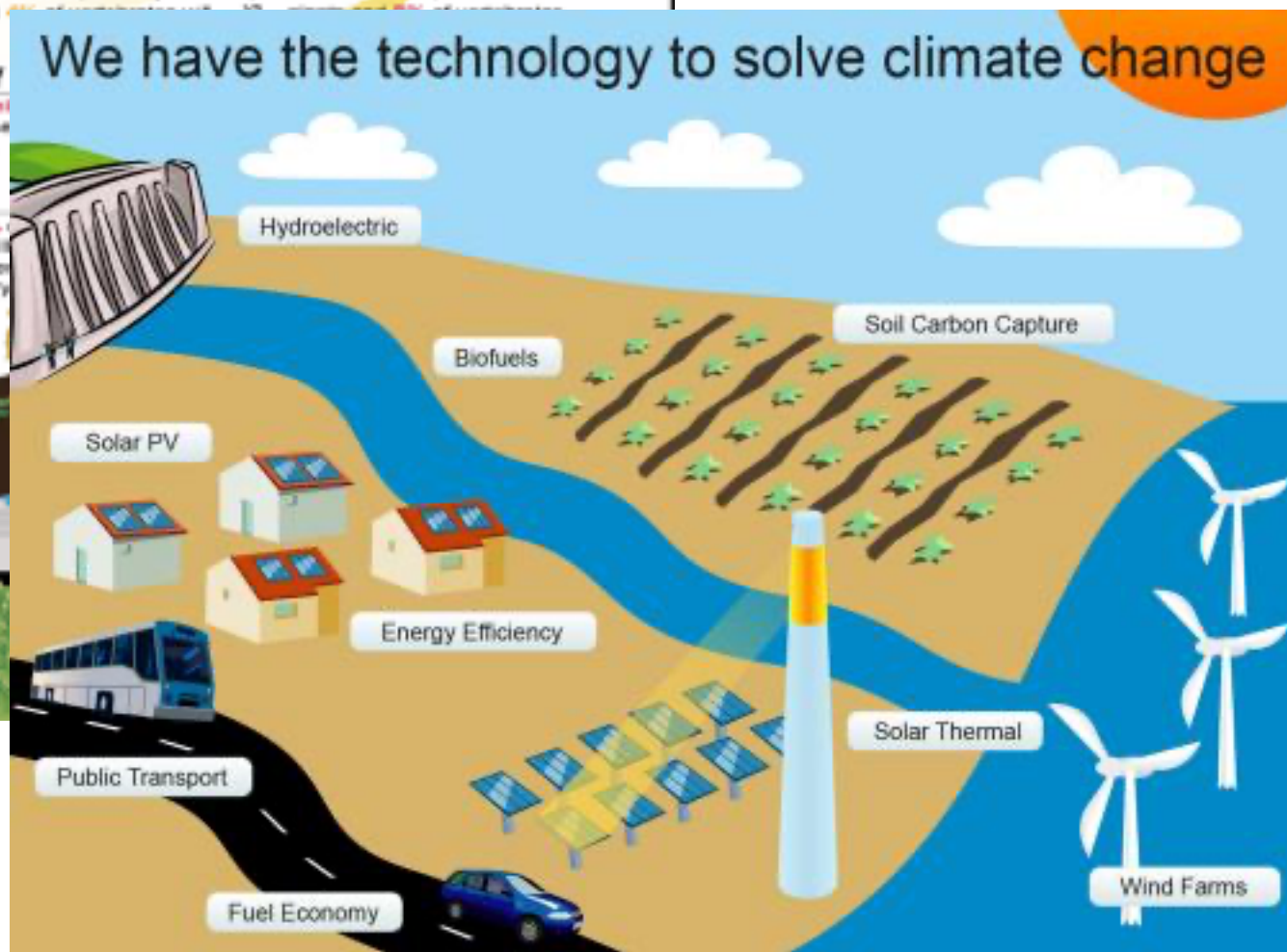
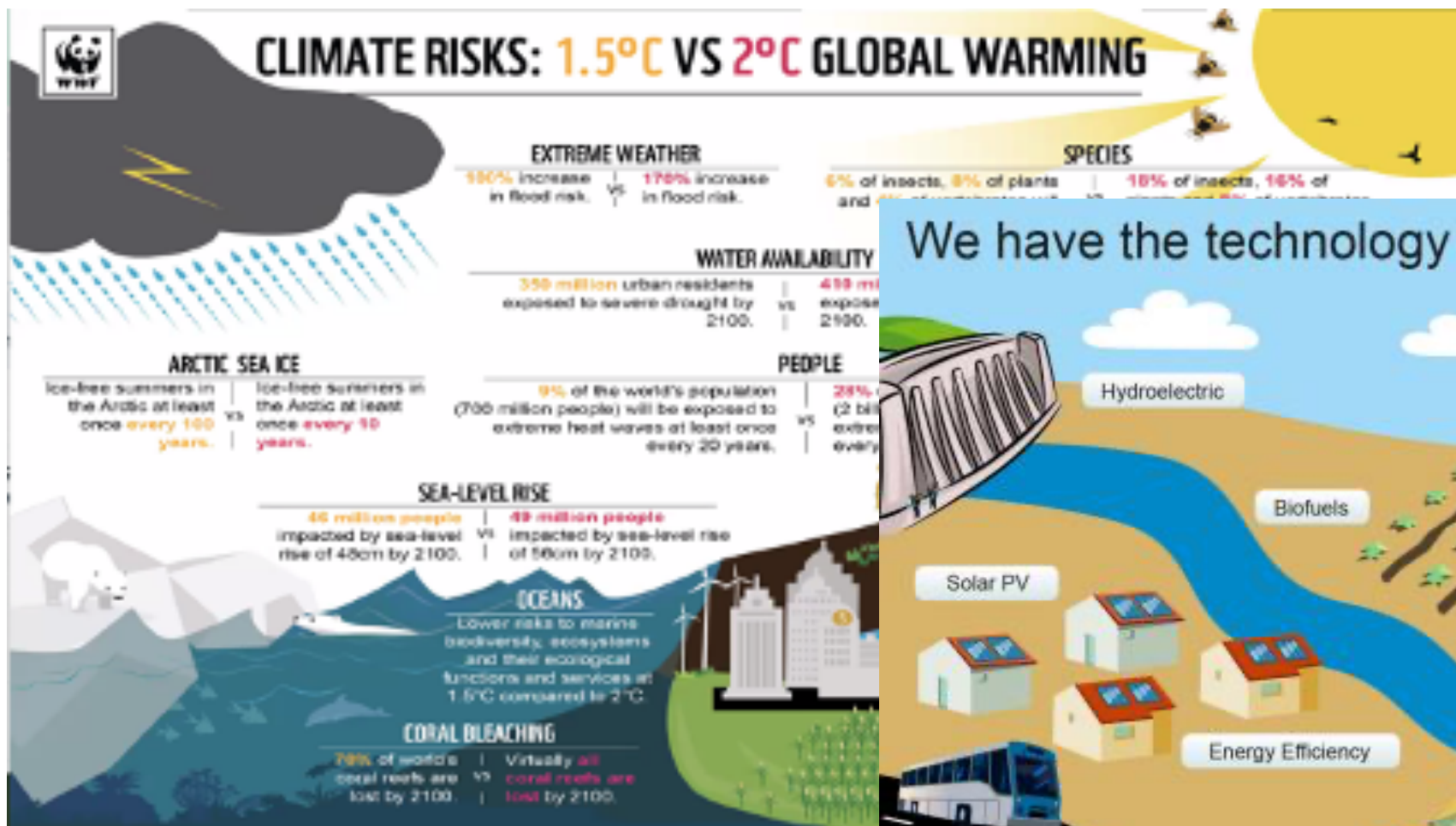
Pilar Orero



# 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

SIXTH ASSESSMENT REPORT  
Working Group I – The Physical Science Basis

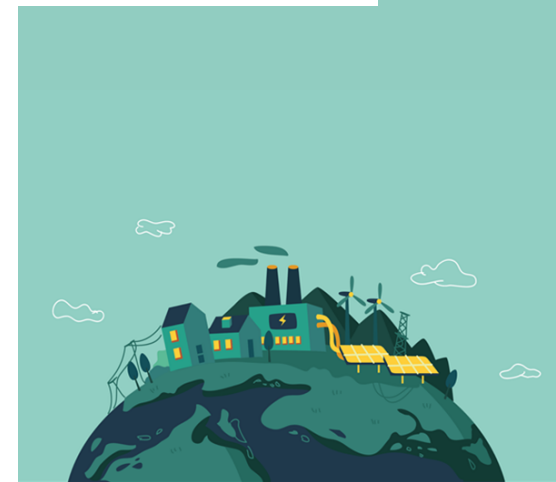
ipcc  
INTERGOVERNMENTAL PANEL ON climate change

CO <sub>2</sub> concentration	Sea level rise	Arctic sea ice area	Glaciers retreat
Highest in at least 2 million years	Fastest rates in at least 3000 years	Lowest level in at least 1000 years	Unprecedented in at least 2000 years

# 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.





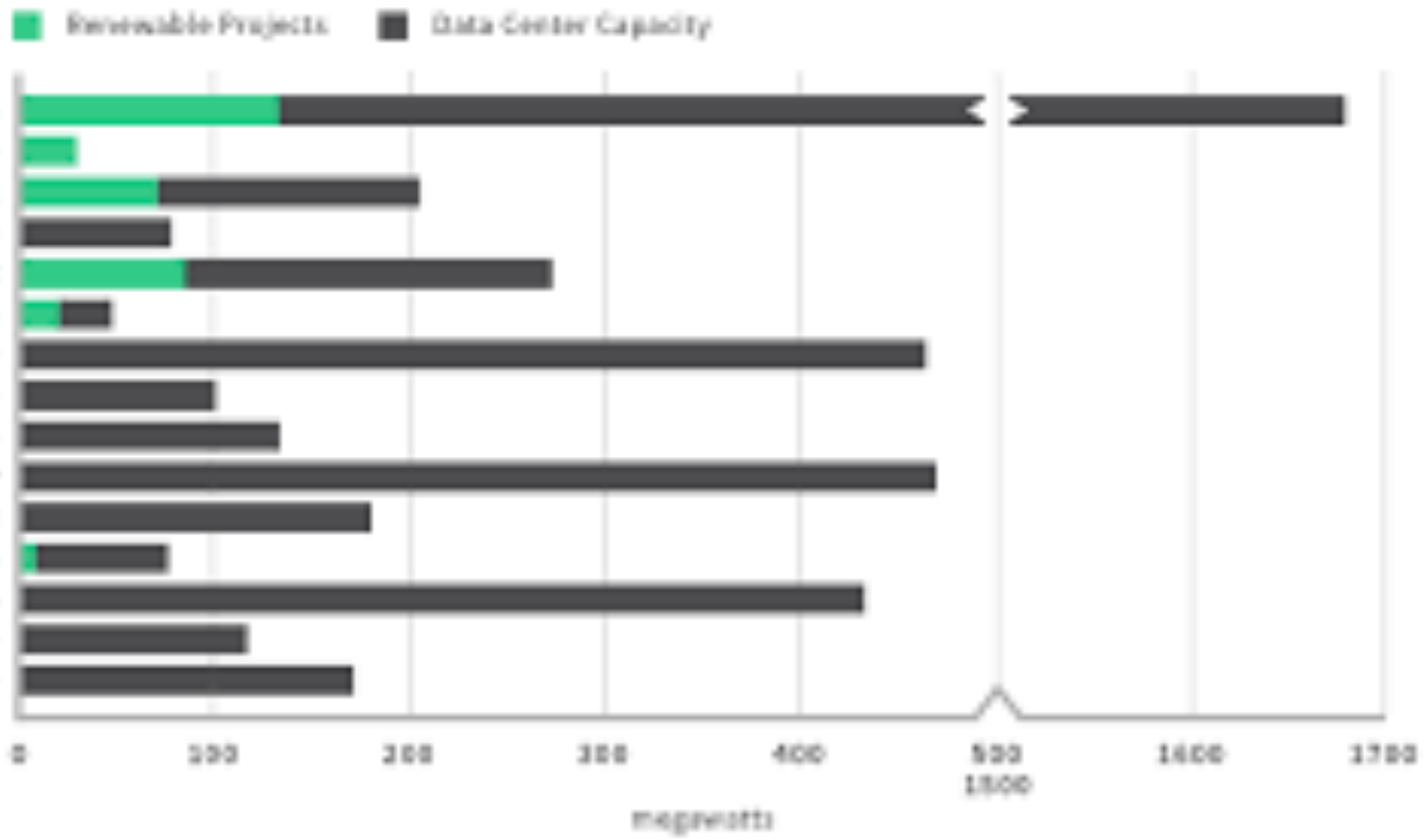
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**"The tech sector brands itself as the industry of the future. But when it comes to climate action, tech giants like Samsung and Xiaomi remain trapped in the past."**

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

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



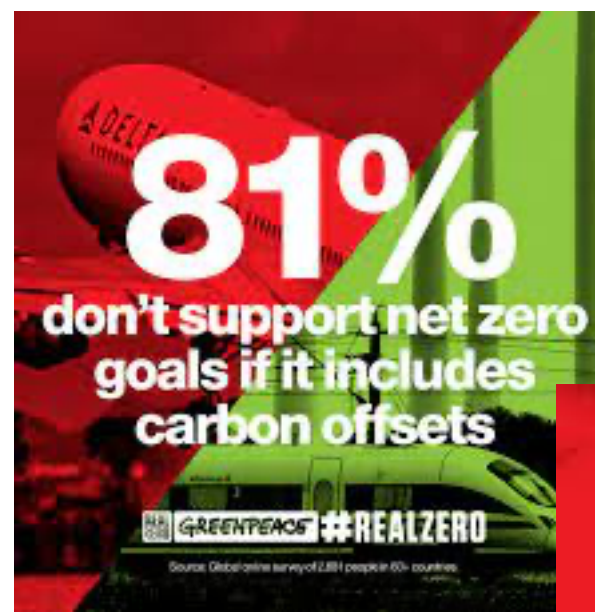
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# Any plans?

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






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## albert's Carbon Calculator

- 3<sup>rd</sup> 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](http://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)

The logo for GREEN SCENT is located inside a large teal circle on the right side of the slide. The word "GREEN" is in white capital letters on a dark teal background, and "SCENT" is in white capital letters on a light teal background. Below the main text, the tagline "SMART CITIZEN EDUCATION FOR A GREEN FUTURE" is written in smaller white capital letters.

GREEN  
SCENT  
SMART CITIZEN EDUCATION  
FOR A GREEN FUTURE



# Changing behaviour



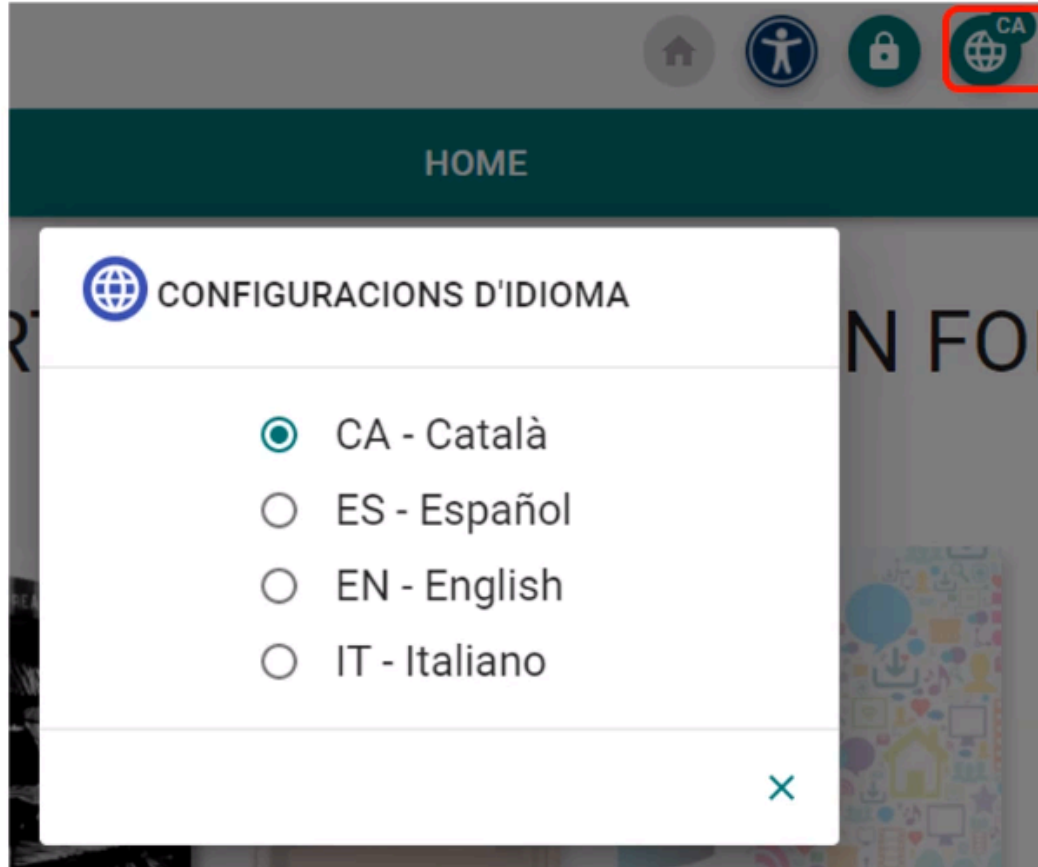


# What is GreenScent?



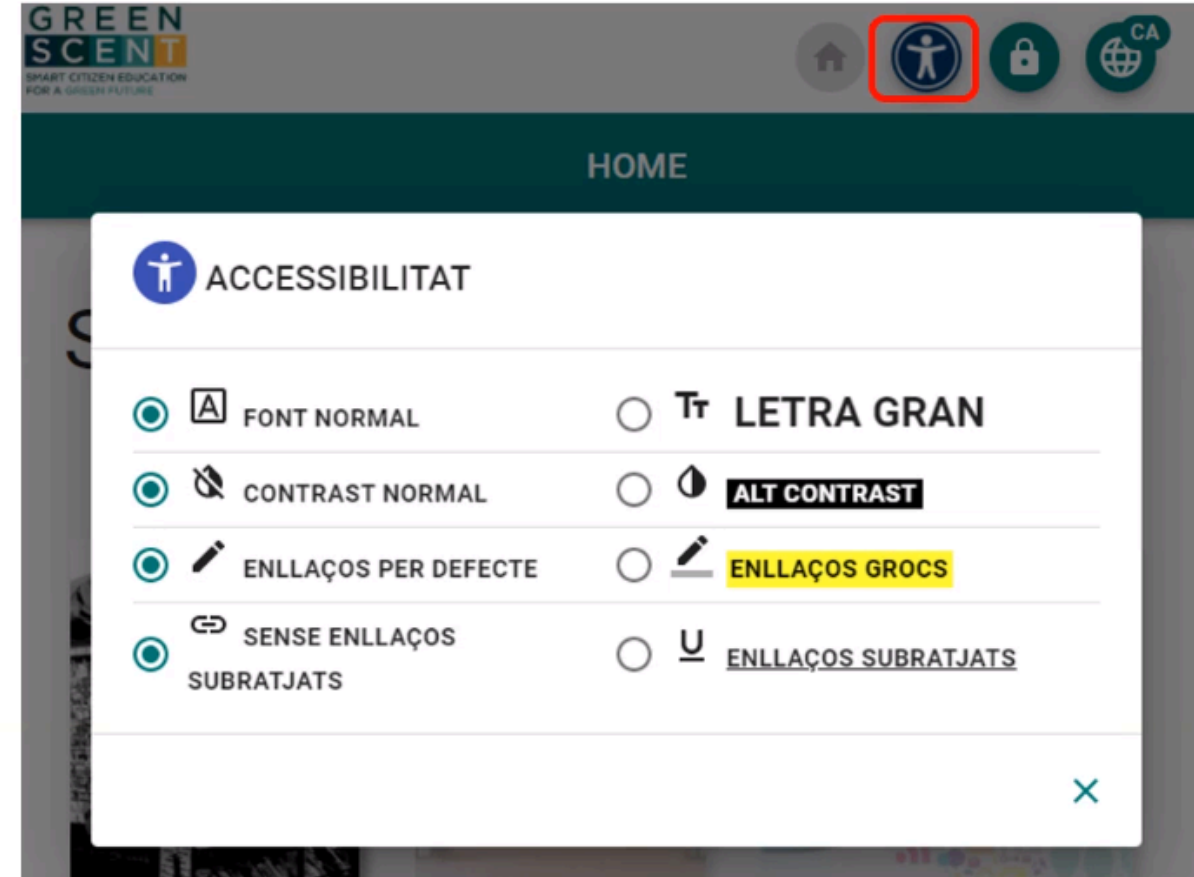
# Platform - Accessibility

## Languages of the interface



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

## Accessibility Menu



Not working on every page yet





Co-funded by Horizon 2020



Browser tabs: ¡Nuevo, id Alquile, Rush / WMG : PERSP, Subtitl, Culture, LMU CVR-A, (3) Wh, Traduc, Full art, Gramr, GreenS, GRI x, Fader

Address bar: cuhet-webstart.net/App

Browser icons: Actualizar



Navigation icons: Home, User profile, Notification (2), Global settings (CA)

HOME CONFIGURACIONES

HotSpot

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

testconfiguration

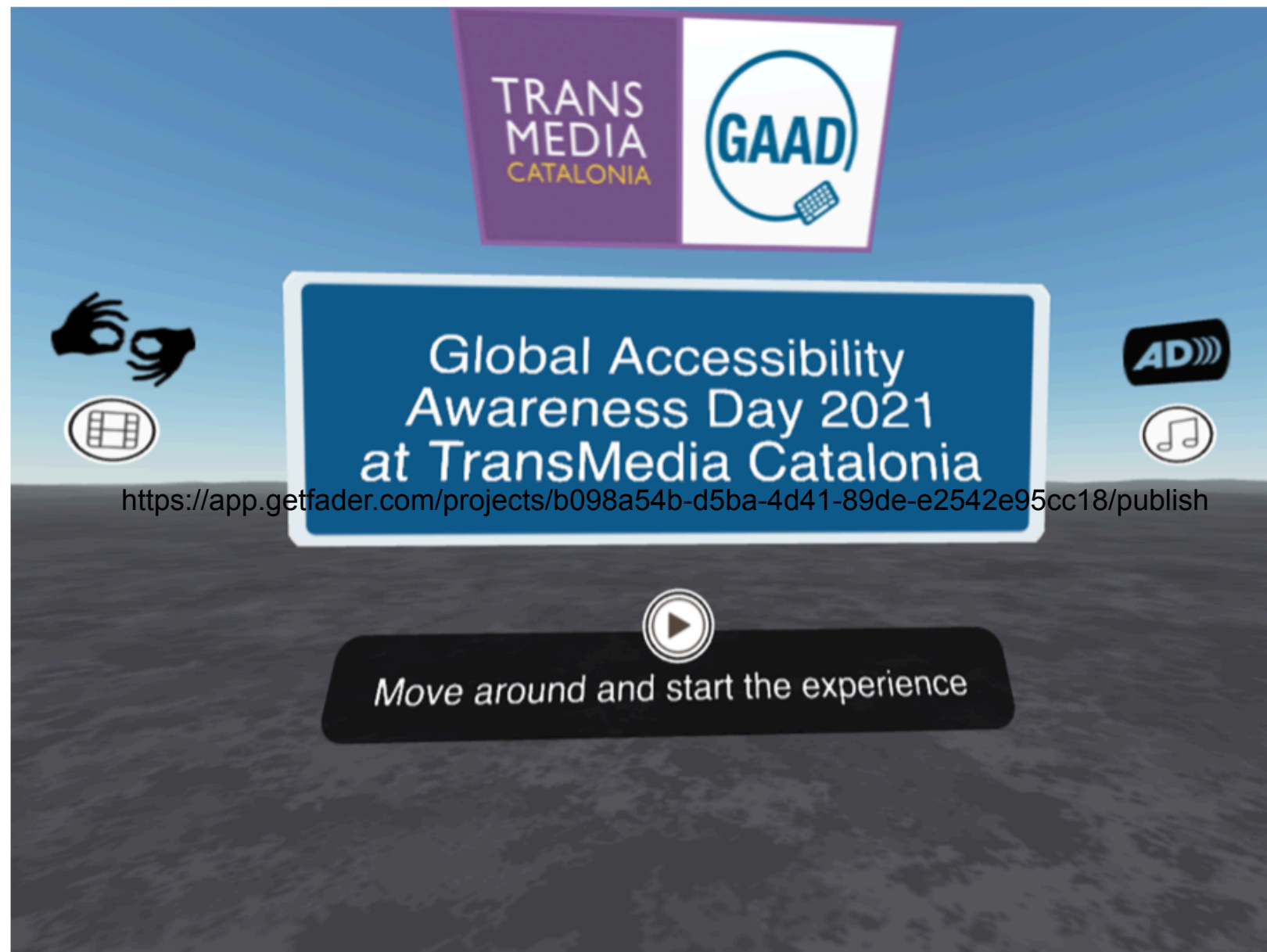
List Jumps End of video

Props Events



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**GREEN  
SCENT**  
SMART CITIZEN EDUCATION  
FOR A GREEN FUTURE





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

- Thank you

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