

AI Generated

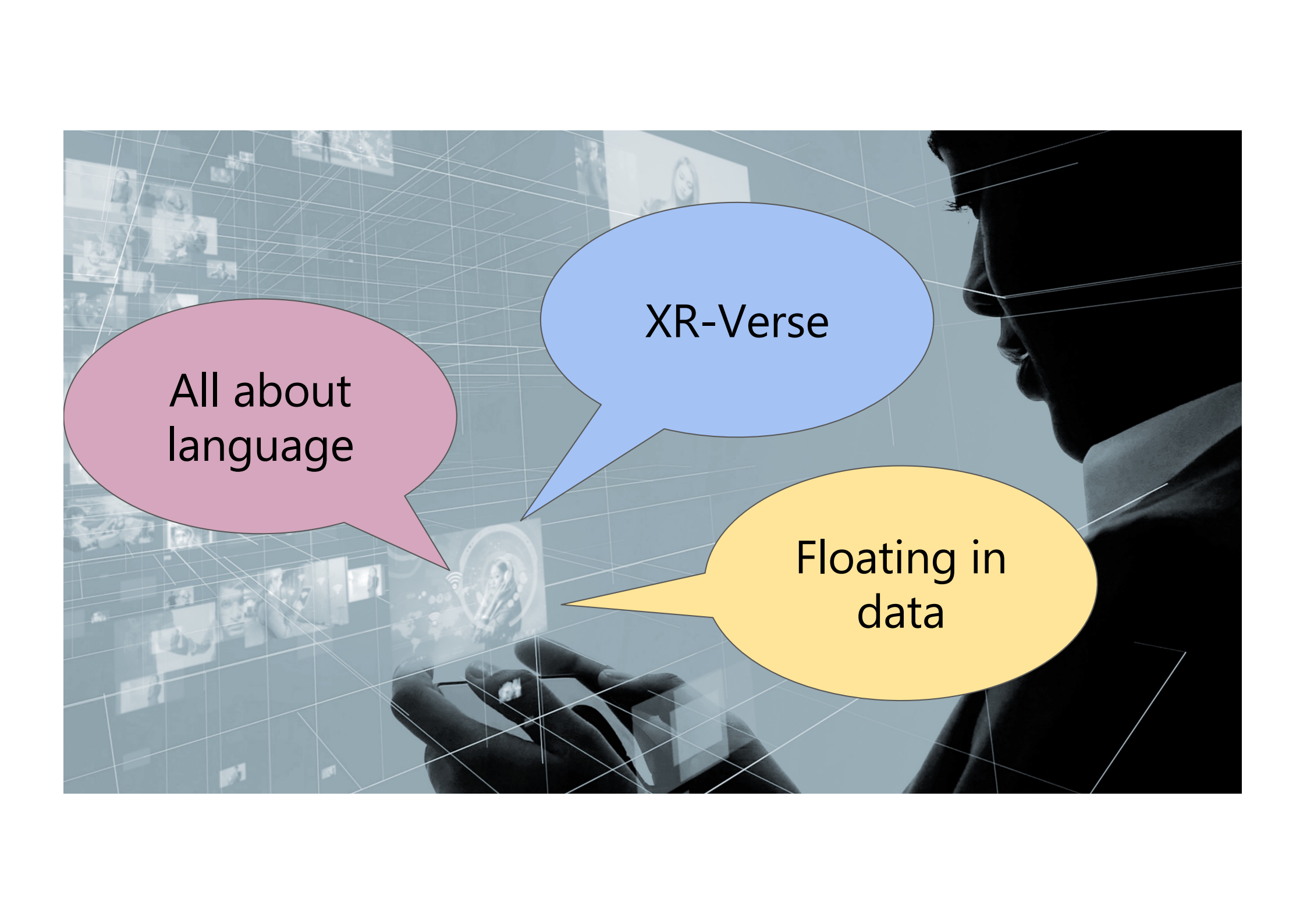


Innovation

(AI) Technology for (Inclusive) Journalism

© Created with Midjourney / Tilman Wagner (based on an image by Steve Dennis [Source](#))

Prompt: an Asian woman and an African man arguing and yelling at each other in front of a Dutch master portrait of a screaming king in a museum



All about
language

XR-Verse

Floating in
data

AI Generated

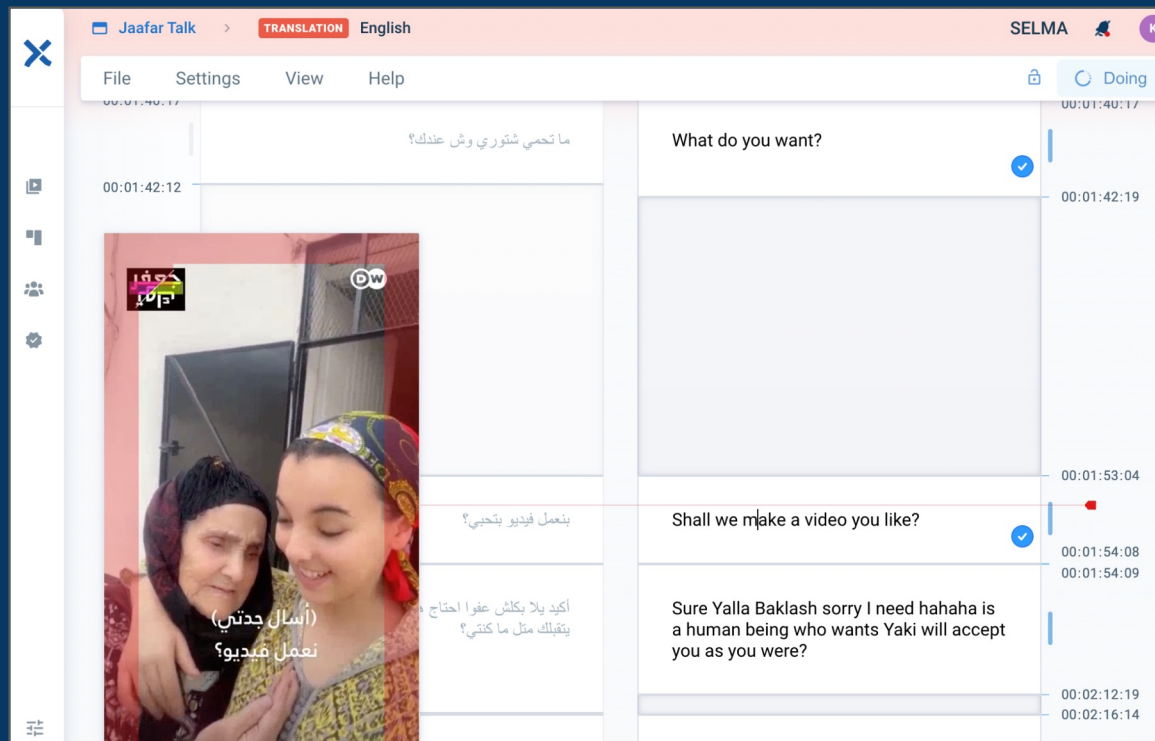
HLT

AI Image by Midjourney, prompted by Tilman Wagner // DW Innovation

Video in Arabic

You want to get it translated? And get it subtitled? And add a voice-over?

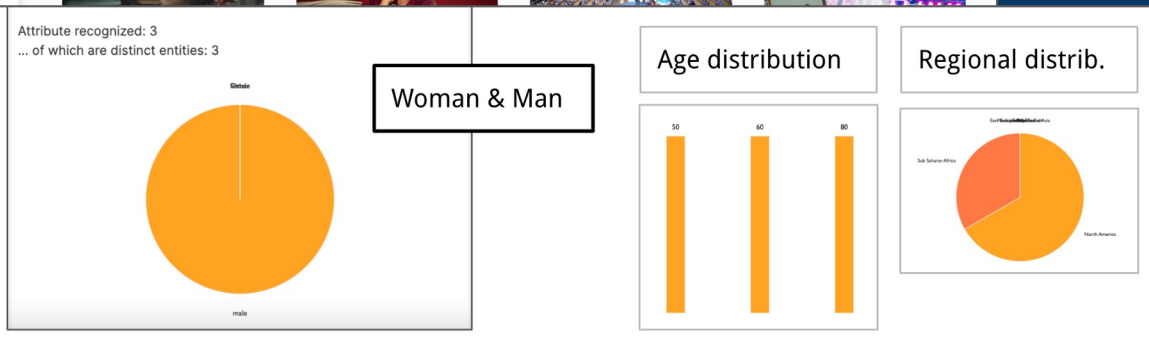
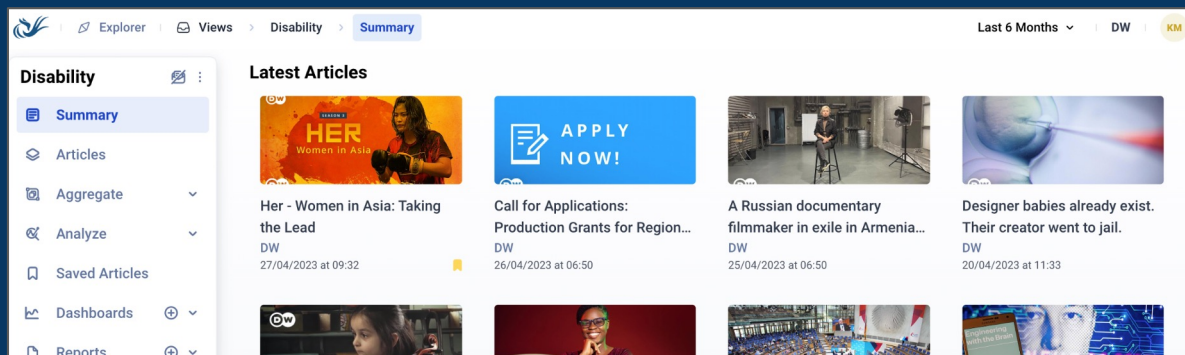
For accessibility!



Check for diverse content!

Media Monitoring: Do I cover **ALL voices** in my reporting?

More inclusive news output



The Diversity Indicator



A close-up, artistic photograph of three children wearing VR headsets. The image is heavily stylized with a blue and cyan color palette. The child in the center is the most prominent, looking directly at the camera. The other two children are partially visible on either side. The VR headsets are white with black straps. The background is dark and out of focus.

AI Generated

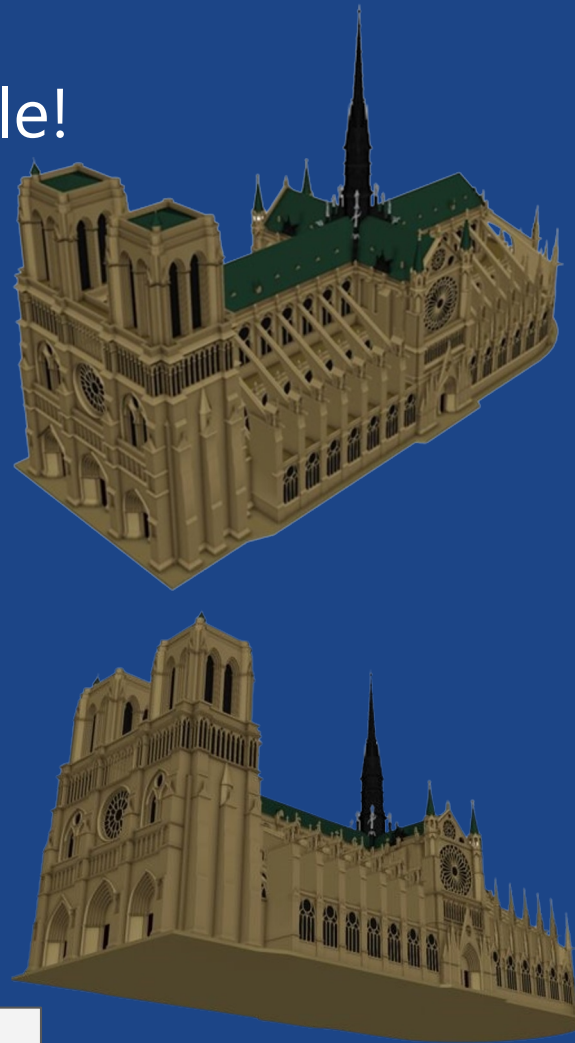
XR & Immersive Journalism

AI Image by Midjourney, prompted by Tilman Wagner // DW Innovation

Inaccessible? Unacceptable!



Credit: 3dcadbrowser



MediaVerse



SERMAS



XR4DRAMA

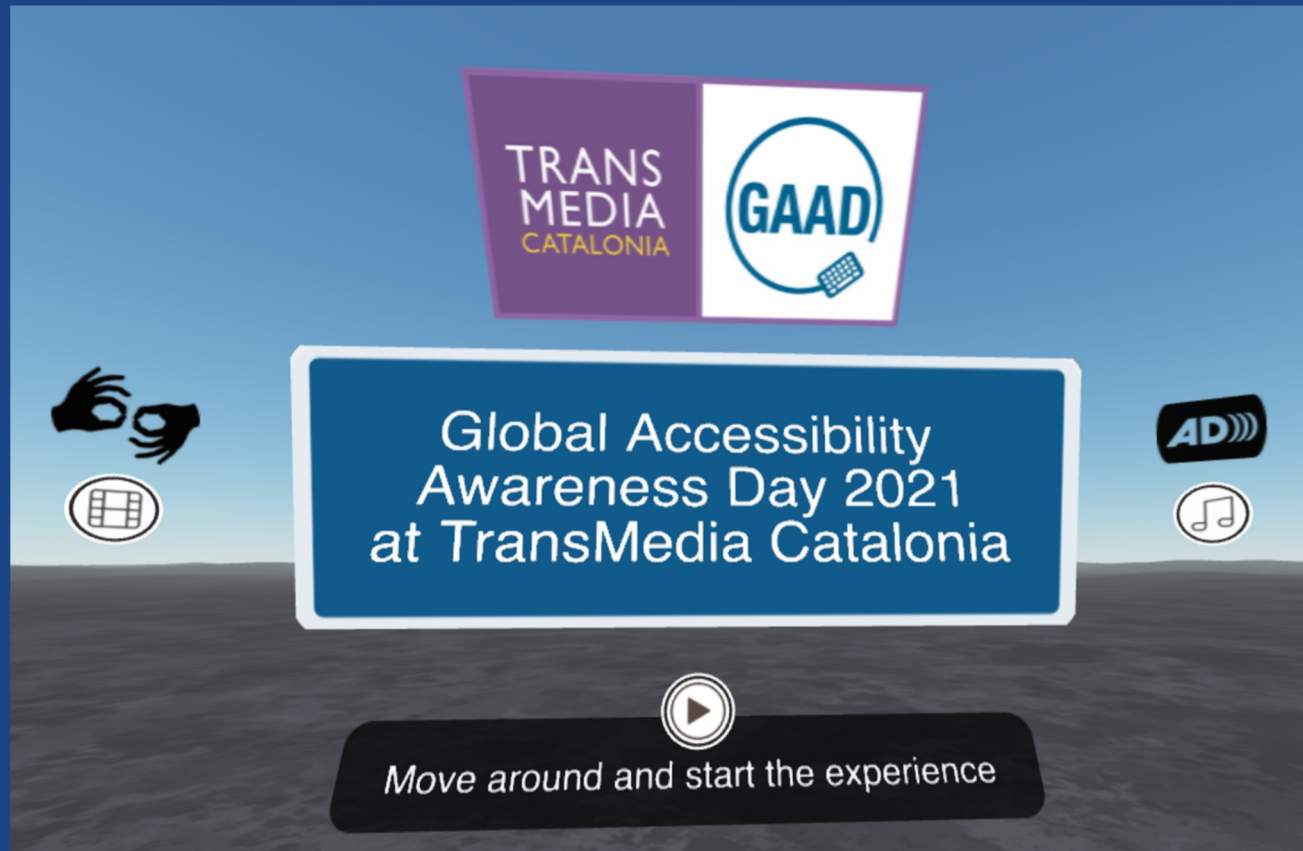
Assist & Provide Solutions



Credit: SERMAS




Assist & Provide Solutions

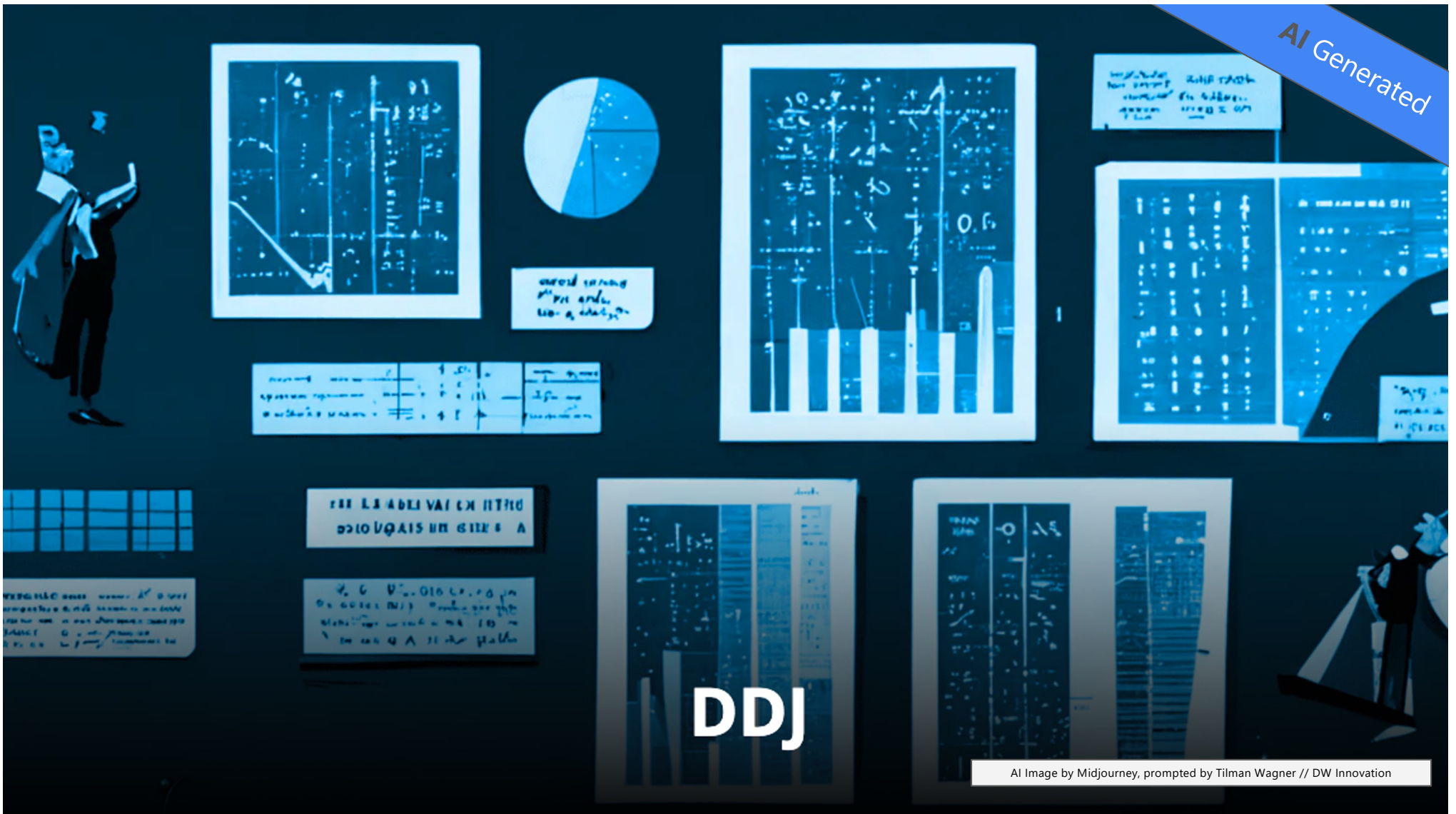


Credit: <https://mediaverse-project.eu/>



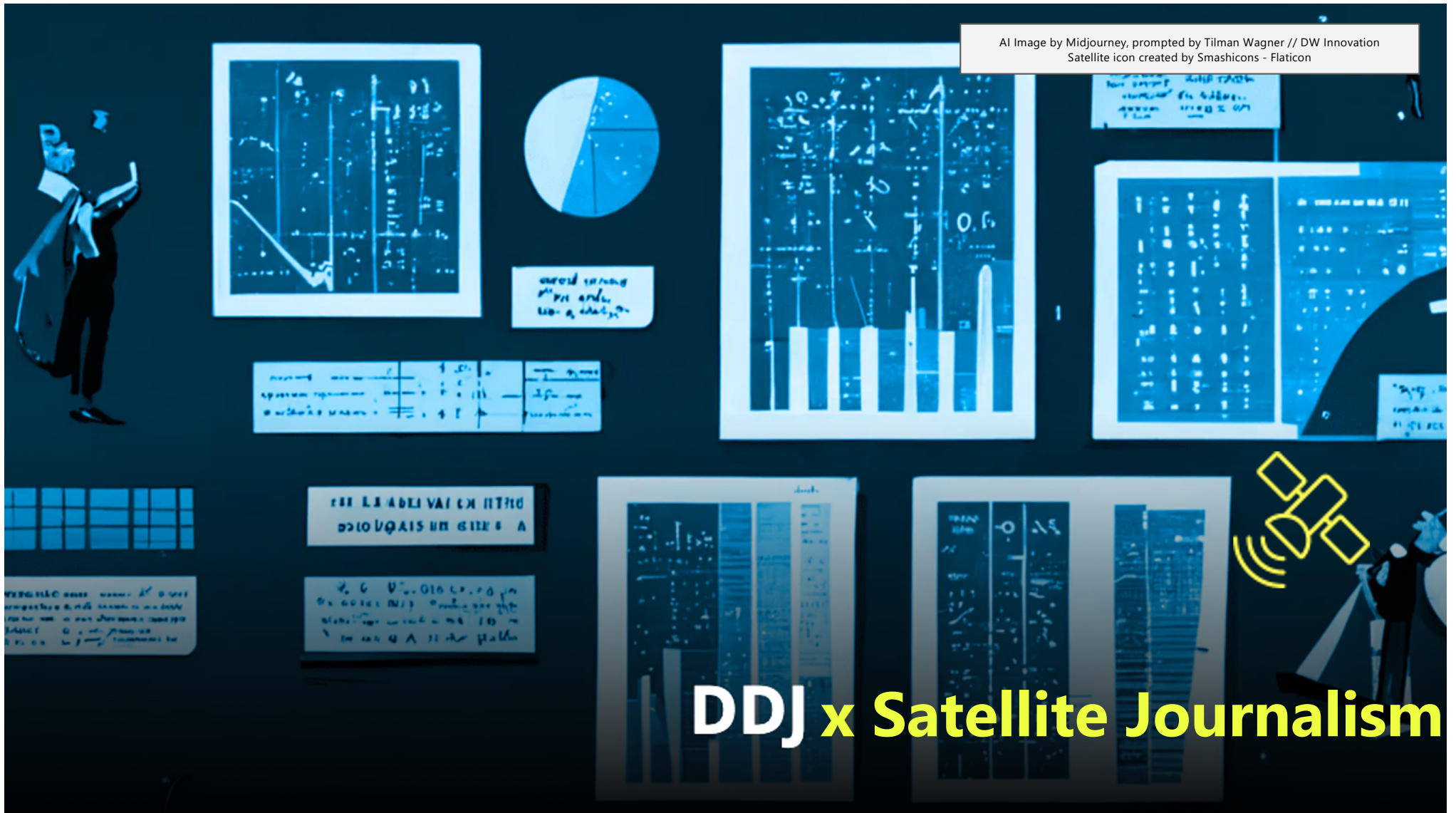


AI Generated



AI Image by Midjourney, prompted by Tilman Wagner // DW Innovation
Satellite icon created by Smashicons - Flaticon

DDJ x Satellite Journalism





Credit: [European Union, Copernicus Sentinel-2 imagery](#)



Tallinn, European Green Capital 2023. Sentinel-2, 13 November 2022



PROGRAMME OF THE
EUROPEAN UNION

Copernicus
Europe's mission to Earth

Credit: European Union, Copernicus Sentinel-2 imagery - processed by 480315_110



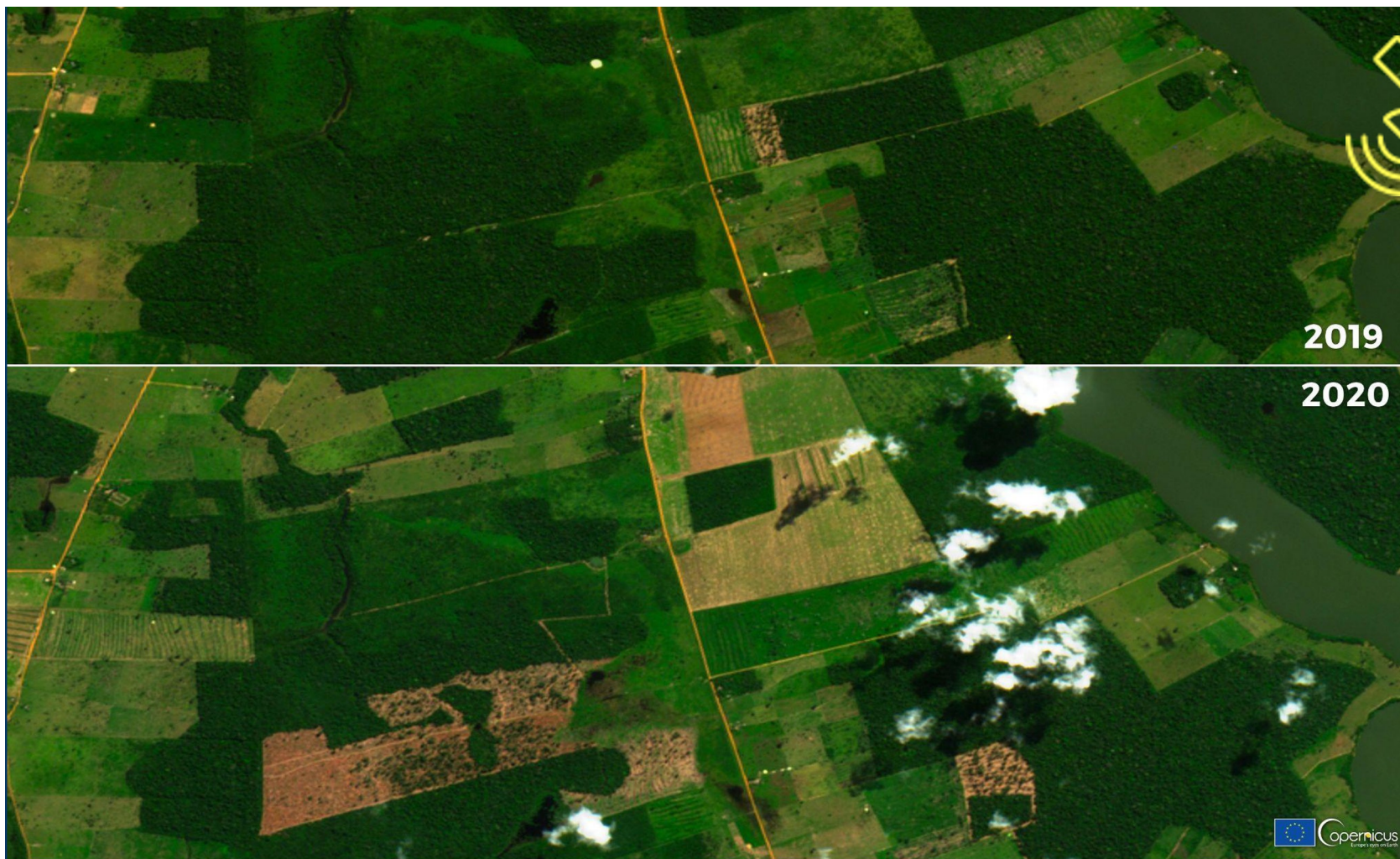
Who knows the city?

Credit: [European Union, Copernicus Sentinel-2 imagery](#)



Tallinn (Estonia)
European Green Capital 2023
13/11/2022

Credit: [European Union, Copernicus Sentinel-2 imagery](#)



2019

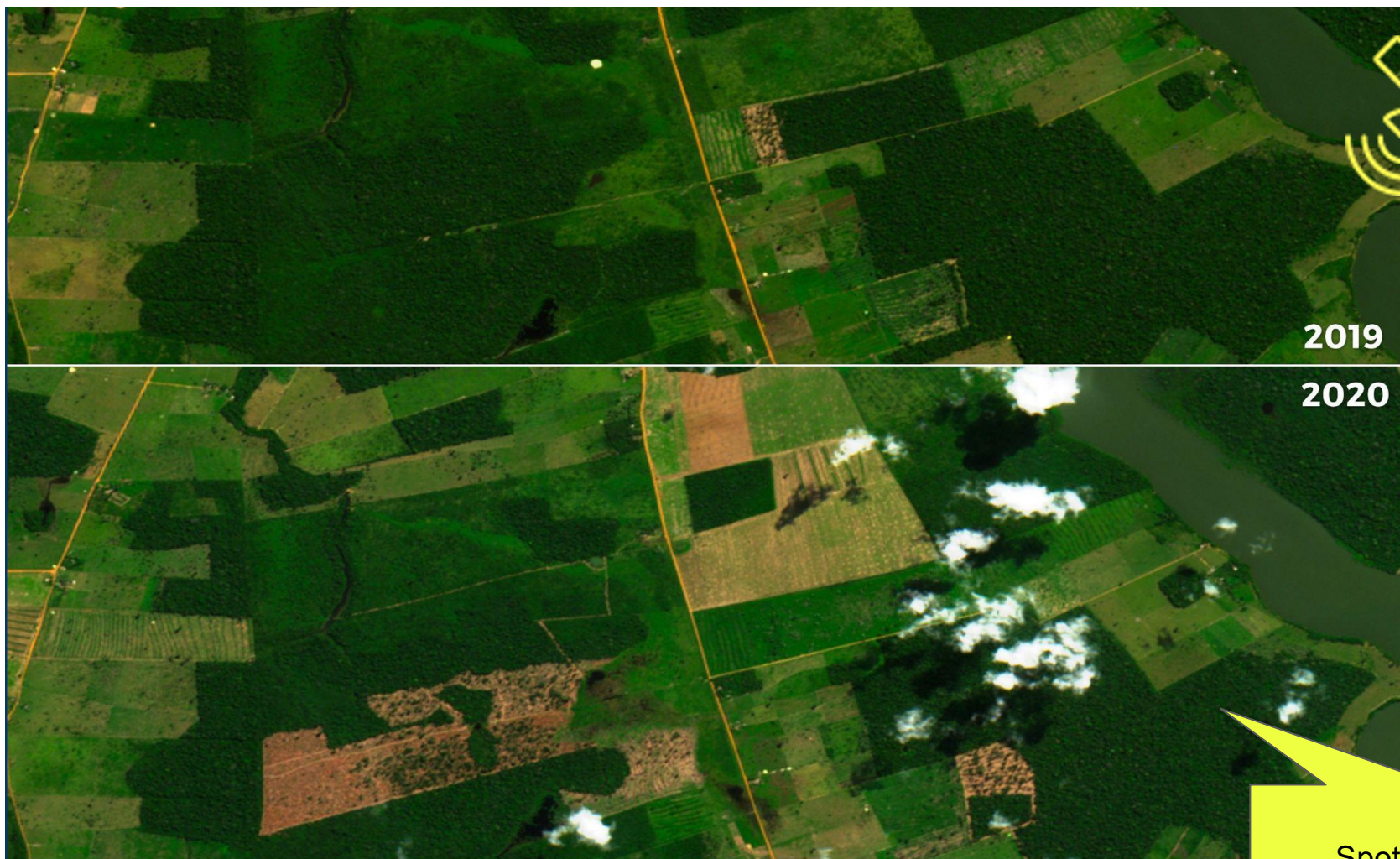
2020



Deforestation in Brazil (Lat: -9.26. Lng: -63.22. Sentinel-2, 16 May 2019 and 10 May 2020)



Credit: [European Union, Copernicus Sentinel-2 imagery](#),
Brazil 16/05/2019 and 10/05/2020



2019

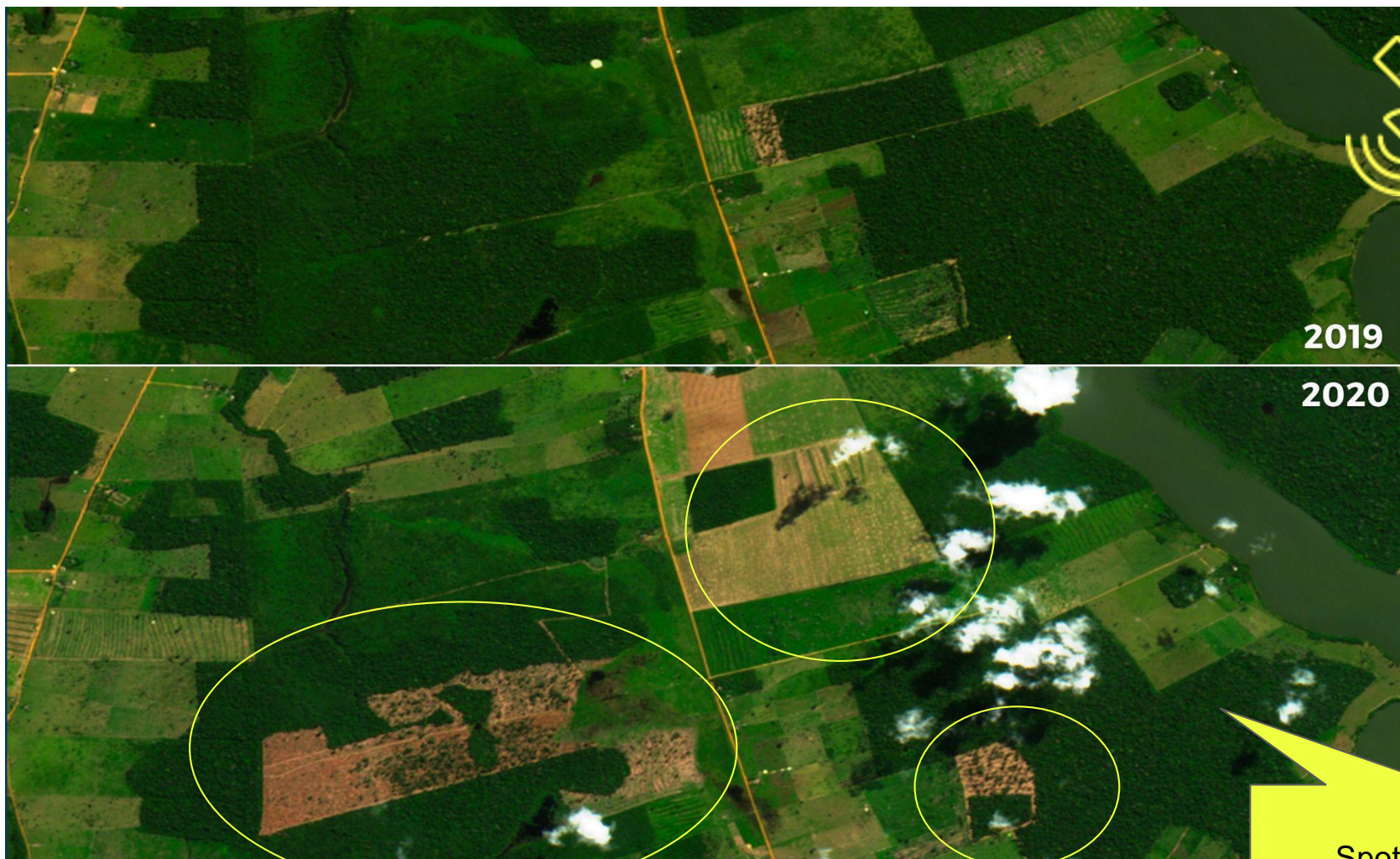
2020



Spot the differences

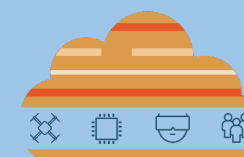
Credit: [European Union, Copernicus Sentinel-2 imagery](#),
Brazil 16/05/2019 and 10/05/2020

Deforestation in Brazil (Lat: -9.26, Lng: -63.22, Sentinel-2, 16 May 2019 and 10 May 2020)



2019

2020



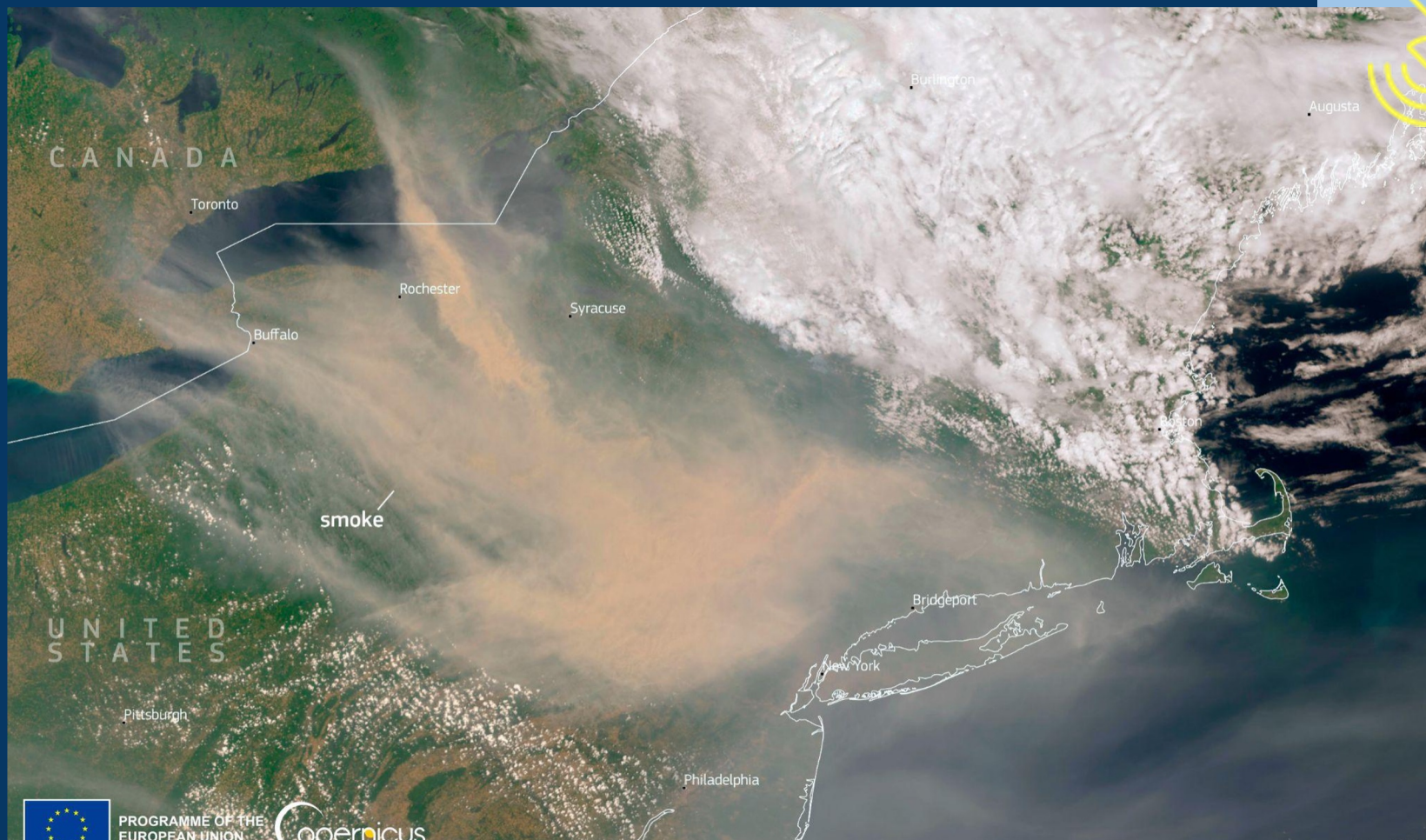
CALLISTO

AI: change
algorithms

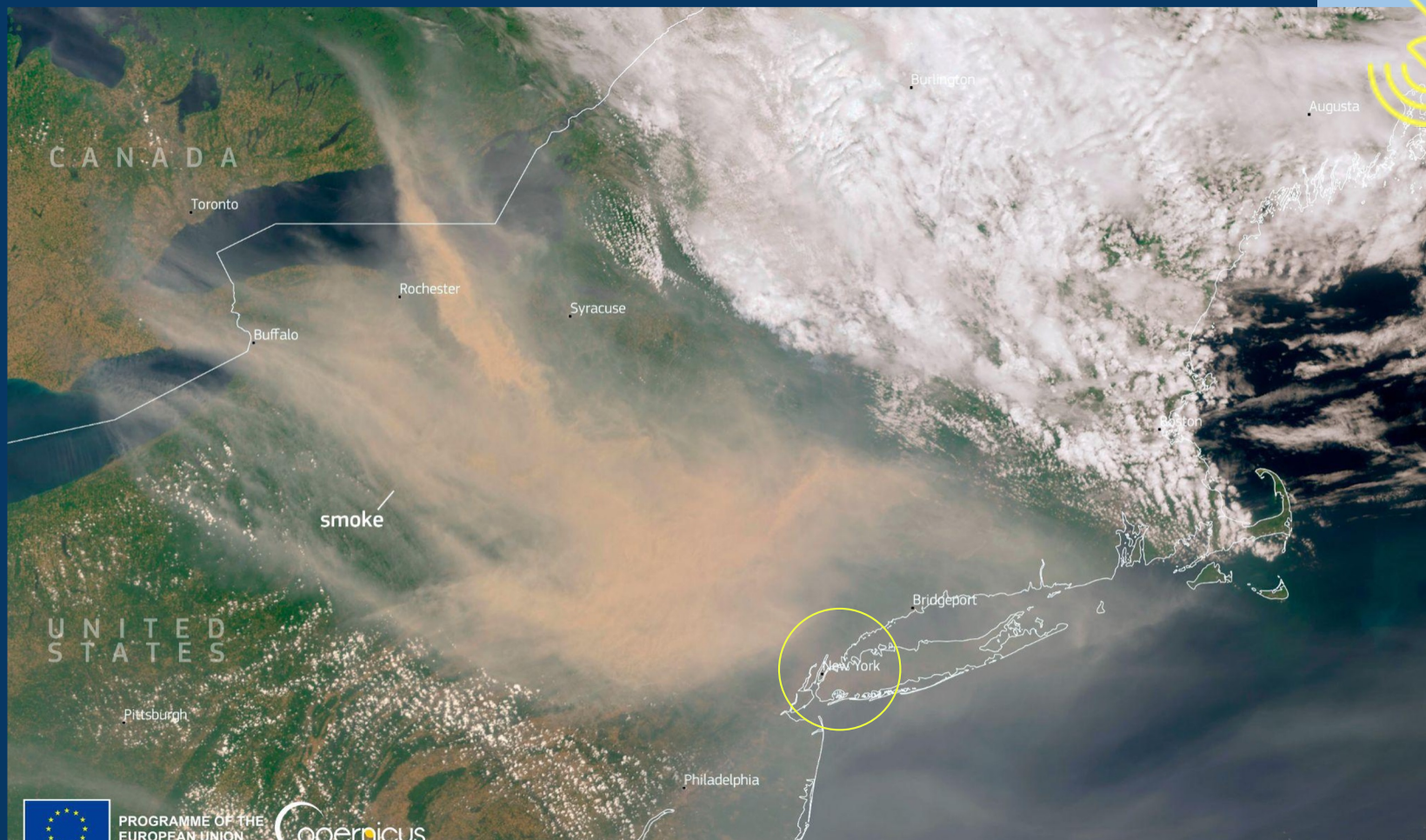
Spot the differences

Credit: [European Union, Copernicus Sentinel-2 imagery](#),
Brazil 16/05/2019 and 10/05/2020

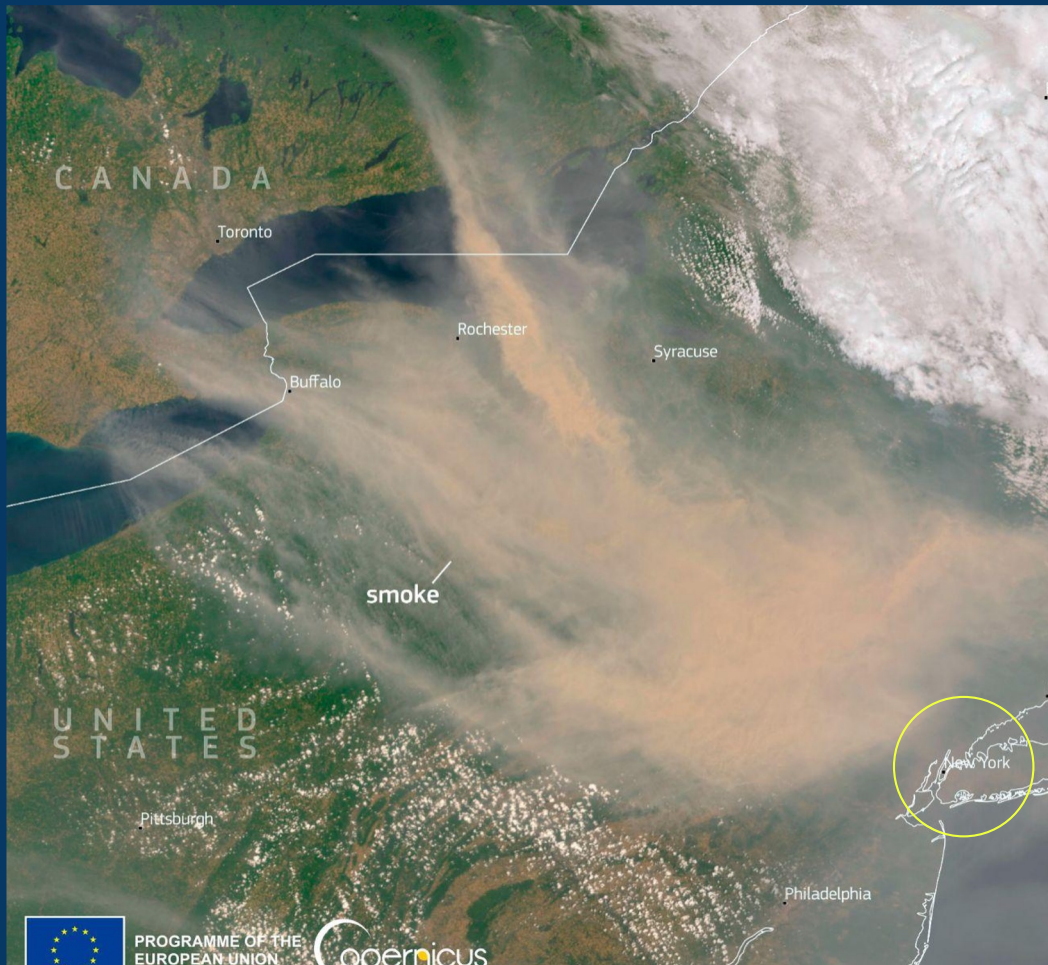
Deforestation in Brazil (Lat: -9.26, Lng: -63.22, Sentinel-2, 16 May 2019 and 10 May 2020)



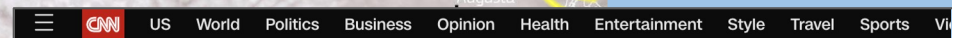
Credit: [European Union, Copernicus Sentinel-3 imagery](#),
US East Coast, 07/06/2023



Credit: [European Union, Copernicus Sentinel-3 imagery](#),
US East Cost, 07/06/2023



Credit: [European Union, Copernicus Sentinel-3 imagery](#),
US East Coast, 07/06/2023



More than 75 million people in the eastern US are under [air quality alerts](#) Wednesday due to the smoke, which n
iconic skylines disappear behind wafting orange fumes.

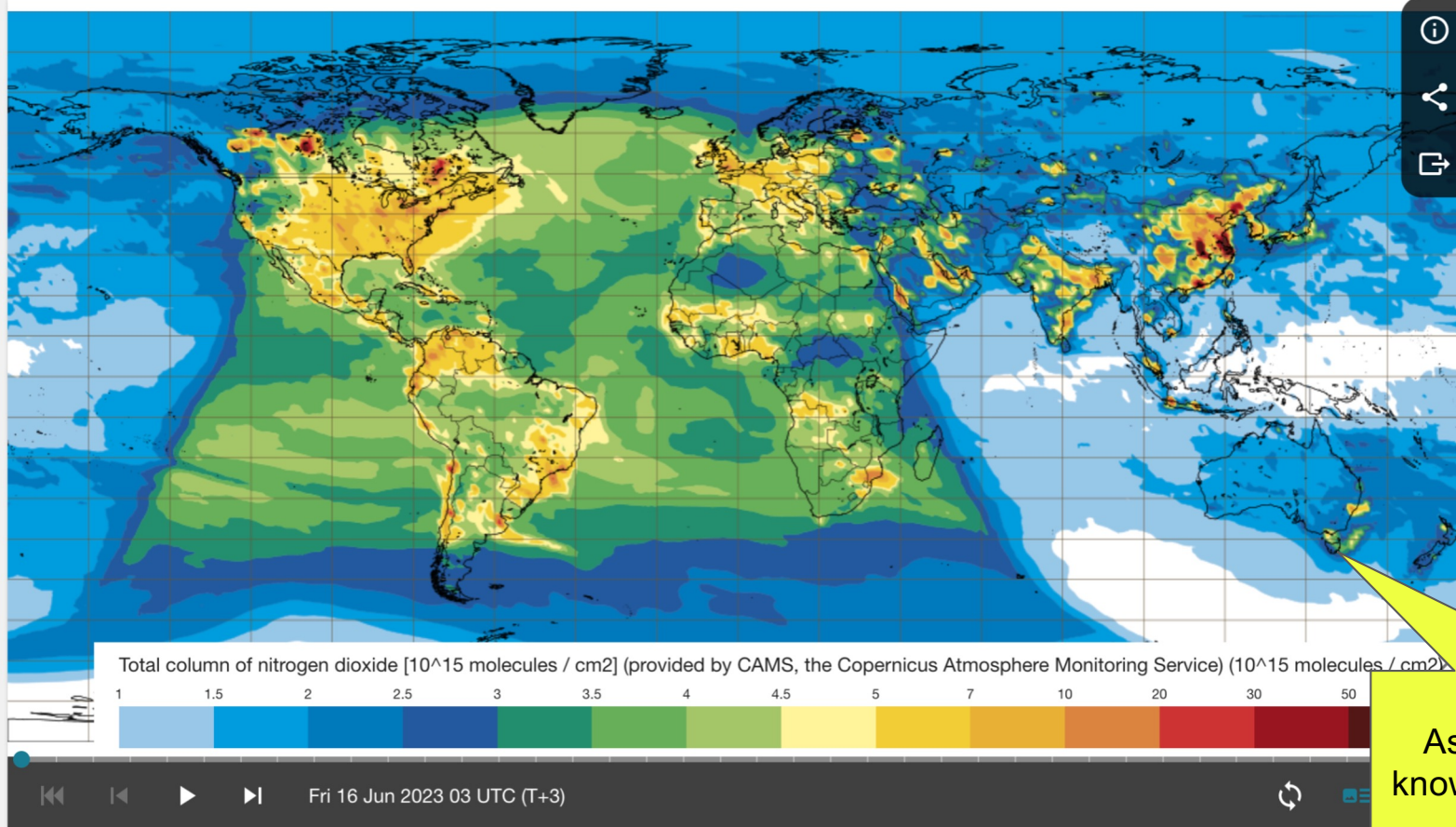


Gary Hershorn/Corbis News/Getty

Heavy smoke shrouds buildings around Times Square in New York City on Tuesday.

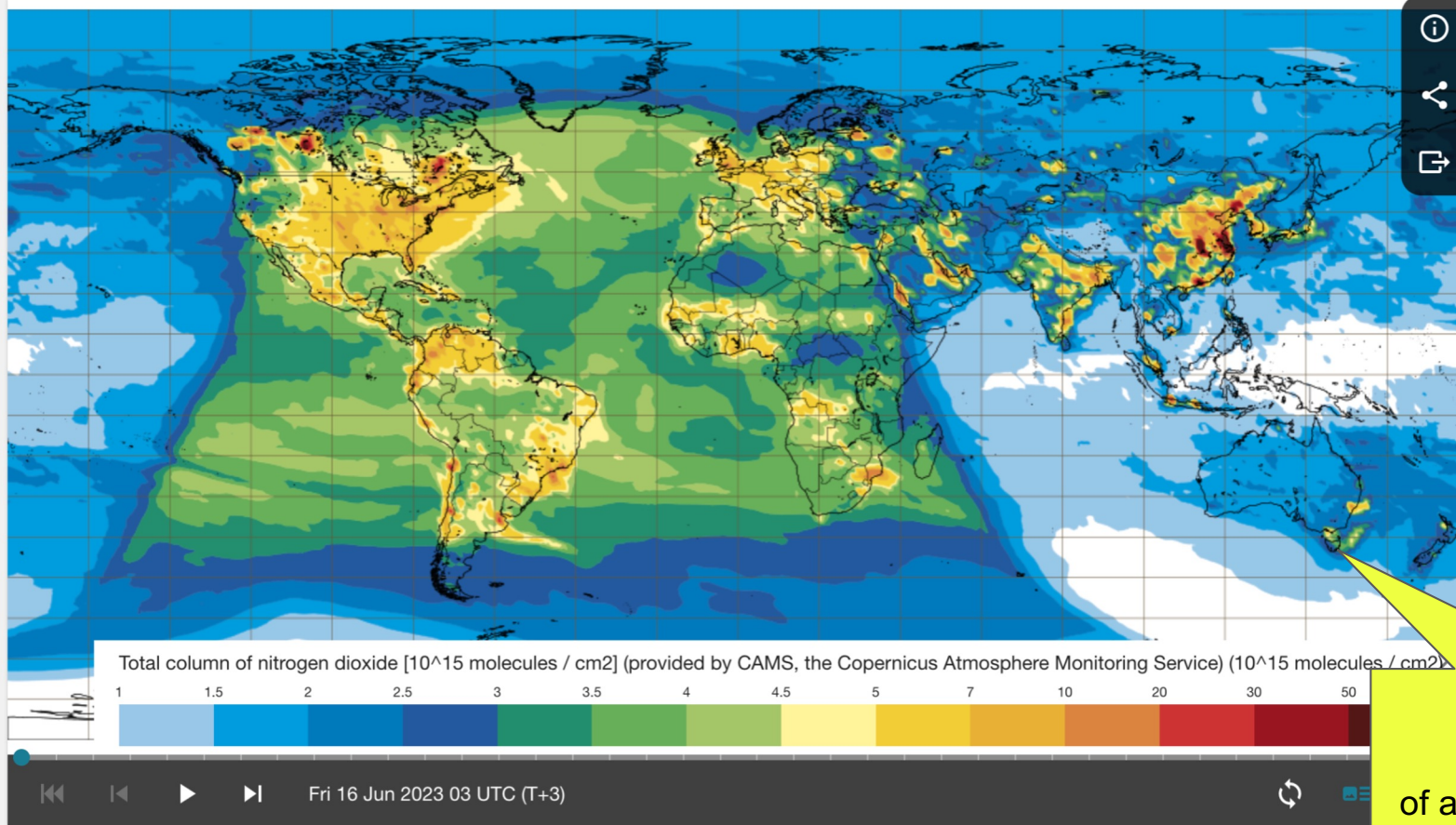
The heaviest smoke Wednesday is expected to hit the Northeast through the mid-Atlantic and down to the Carolinas. Smoke conditions in those regions could last through at least Thursday.

screenshot [edition.cnn.com](#)



As journalists, we want to know how pollutants affect us and our environment.

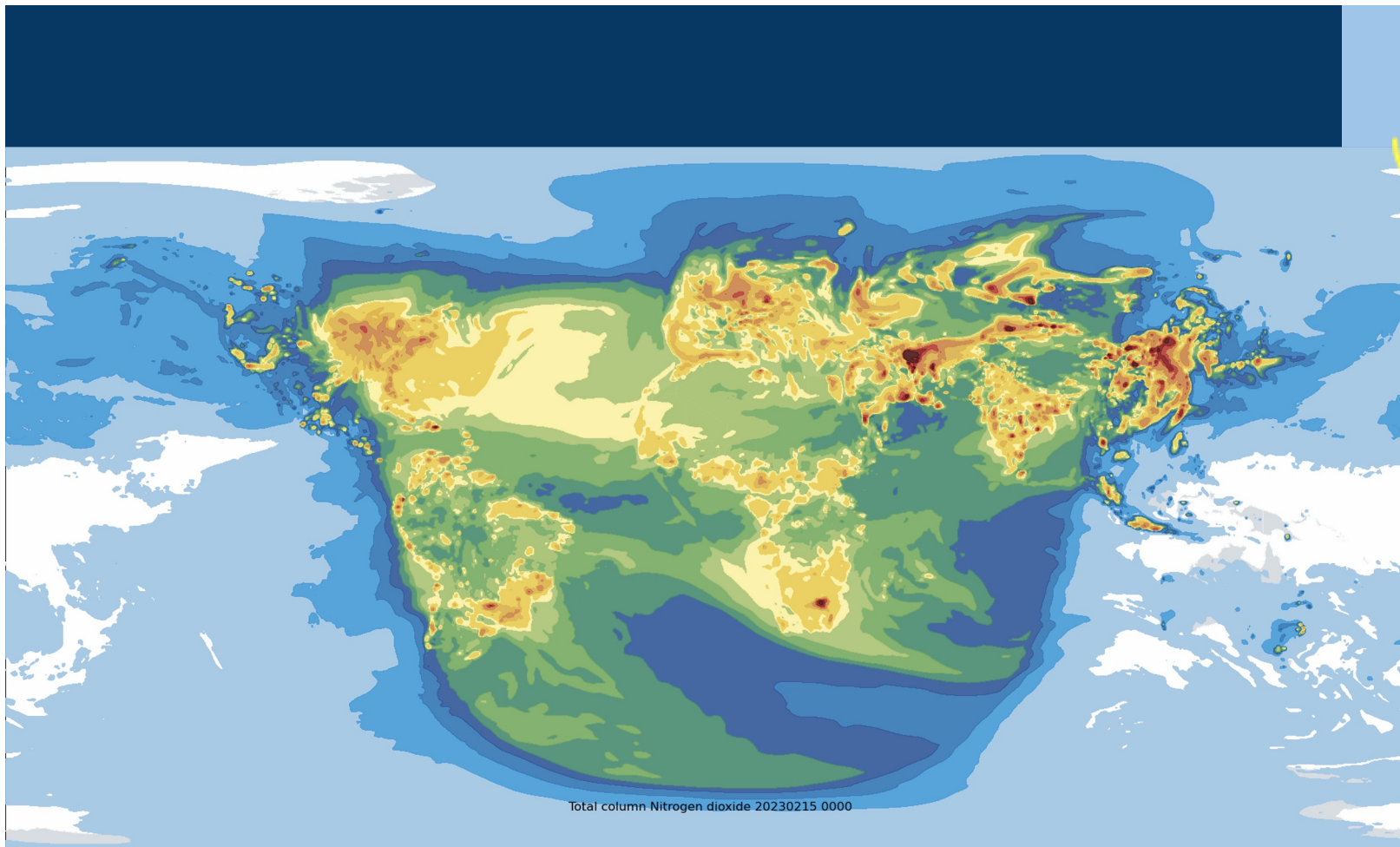
Screenshot: [CAMS Nitrogen Dioxid Forecast](#),
16/06/2023



Satellite imagery
as journalistic
research tool

Accessibility
of atmospheric data (CAMS)

Screenshot: [CAMS Nitrogen Dioxid Forecast](#),
16/06/2023



CALLISTO



Satellite imagery
as journalistic
research tool

Satellite imagery
as visual
storytelling tool

DW exploration of CAMS data representation in the scope of
Callisto



Thank you!



Find out more about **DW Innovation** on our blog innovation.dw.com



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Prompt: a selfie of a diverse group of journalists with different ethnic backgrounds, male and female, old and young, in a startup office coffee corner, smiling