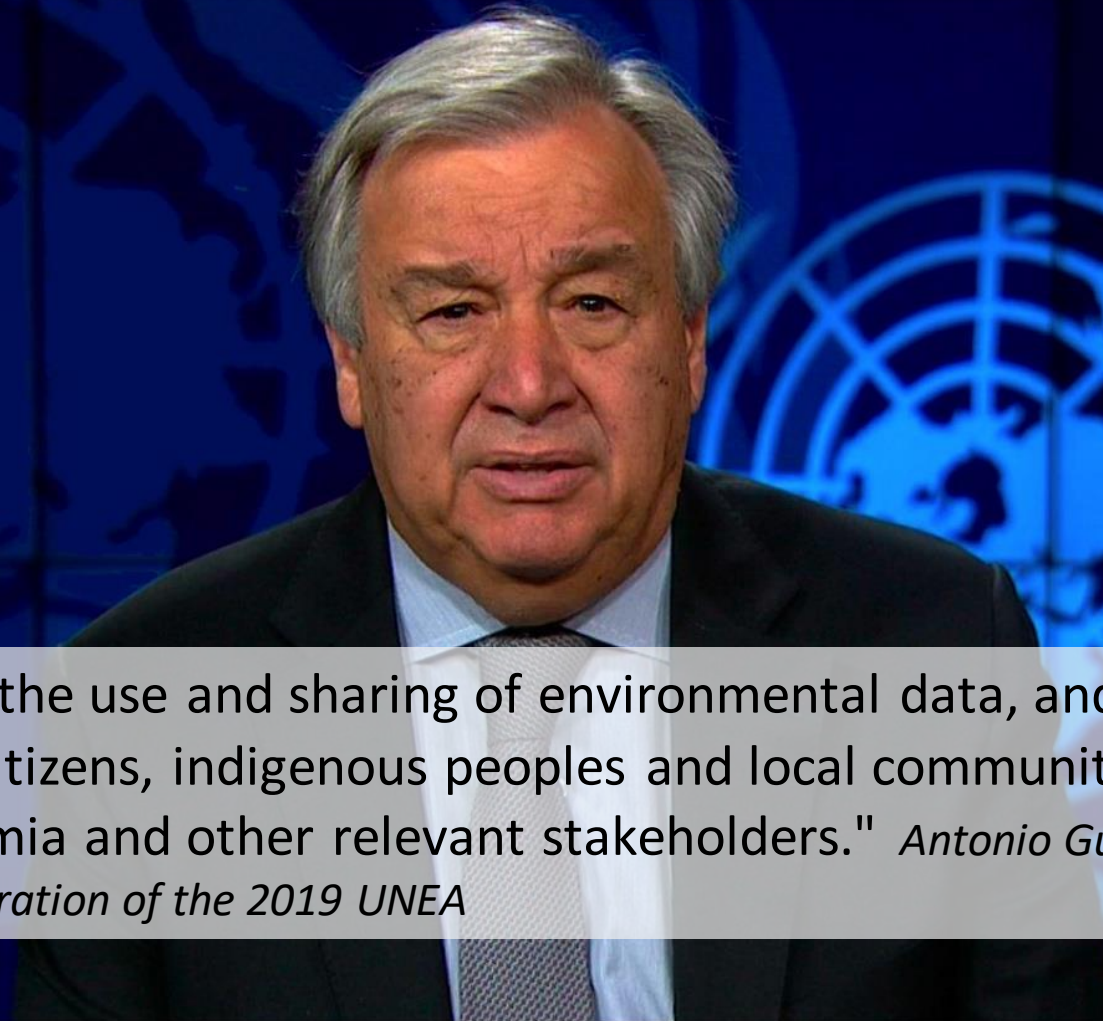


Launch of a regional environmental platform for the Caribbean Sea and Wider Caribbean region

A collaboration between the Cartagena Convention Secretariat and UNEP/GRID-Geneva

The mandate: at UNEA-4, Ministers of the Environment called upon UNEP to develop a global environmental data strategy by 2025



"...promoting the use and sharing of environmental data, and engaging civil society, citizens, indigenous peoples and local communities, private sector, academia and other relevant stakeholders." *Antonio Guterres, Ministerial Declaration of the 2019 UNEA*

This declaration echoes one of the fundamental UNEP mandates since 1972 "to keep the world environmental situation under review" (2997 resolution XXVII)

In this context was born the concept of the World Environment Situation Room, (UNEP environmental data and knowledge platform), with the following activities:



Produce assessments

Emission gaps report.
Global Environmental Outlook (GEO) on the current state of the environment.
Assessments on crisis response, health of ecosystems, pollution...



Publish briefs

Production of briefs on emerging environmental issues.
Position papers, factsheets.



Conduct monitoring

Global Environmental Monitoring System on Water (GEMS-Water), Air (GEMS-Air), on Ocean and Coasts (GEMS-Ocean).
Monitoring of land, fauna and flora.
Restoration / ecological rehabilitation.



Communicate

Dynamic visualisation and communication products based on data; sharing on social medias and other platforms



Support UN teams in countries

Common-country analysis.
Maintenance of 26 SDG indicators.



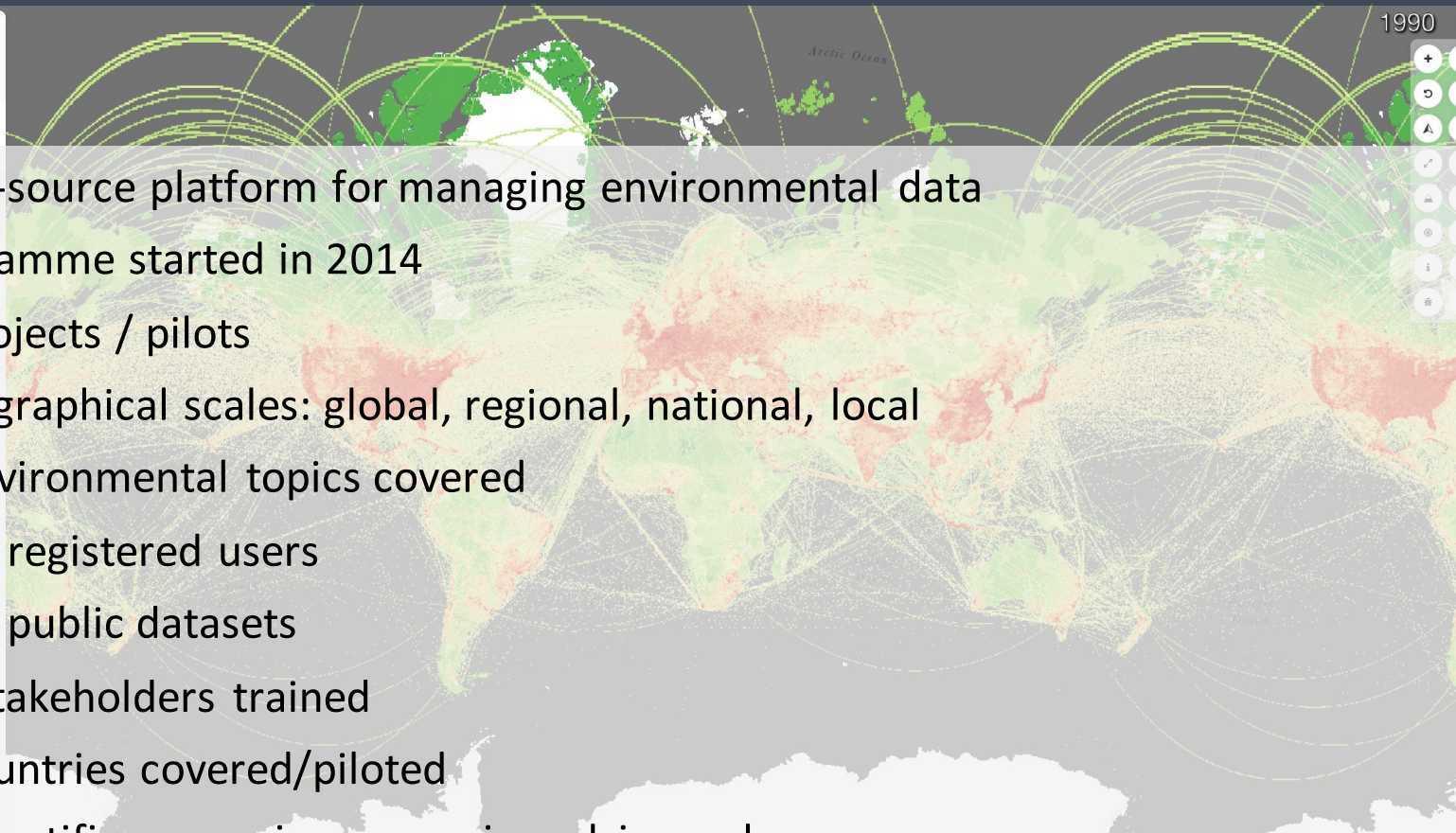
Support reporting

Support for the visualisation of baseline data to the Convention on Biological Diversity, Ramsar, Stockholm, Basel, Minamata, ...

MapX, the cartographic application



The screenshot shows the MapX web interface. The top left has a navigation menu with 'Project's views', 'Toolbox', and 'Catalog'. Below this is a 'Filter activated views' section with an 'Advanced filter (51 / 51)' button. The sidebar lists categories: Administrative Boundaries, Pollution, Climate, Drivers, and Pressures. Under 'Pressures', there is a legend for 'Global CO2 Emissions in kton (1970 - 2012, Animation)'. The legend uses a color scale from green (low emissions) to red (high emissions). Below the legend, there is a section for 'Global Greenhouse Gases Emissions EDGAR v4.3.2' with a brief description of the data source.



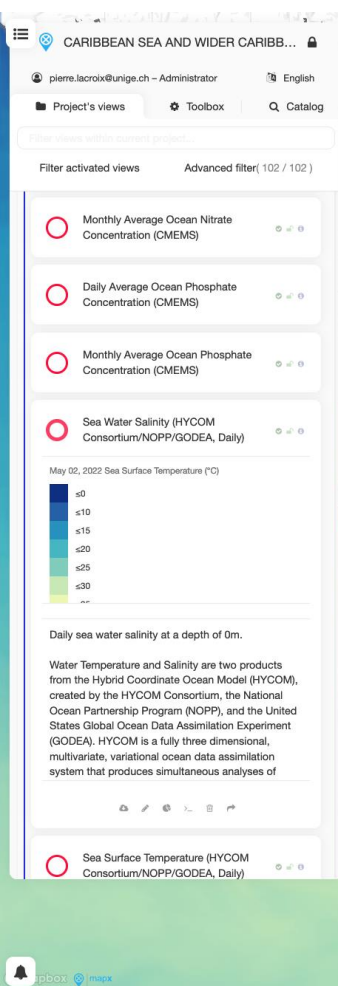
- Open-source platform for managing environmental data
- Programme started in 2014
- 27 projects / pilots
- 4 geographical scales: global, regional, national, local
- All environmental topics covered
- 3'300 registered users
- 1'700 public datasets
- 320 stakeholders trained
- 73 countries covered/piloted
- 10 scientific papers in peer-reviewed journals
- 700 issues on the bug reporting platform (600 fixed & closed)
- Academic collaboration with 5 universities

Recent collaborations of GRID-Geneva on oceans and seas

- Since 2021 with Plan Bleu: enable the access to a series of geospatial datasets relevant to monitor the Mediterranean Strategy for Sustainable Development implementation through a sustainability dashboard composed of 28 indicators (250+ geospatial layers + story map)
- 2022 with MedWaves: development of specific cartographic features to support environmental monitoring in the Mediterranean area
- Since 2021 – co-design of the GEMS Ocean (“a global environment monitoring system that provides open and easily accessible ocean and coastal data, analysis, and information, guiding actions to protect and sustainably use marine and coastal resources”)
 - Display data and analytics such as Essential Ocean Variables
 - Provide decision support tools for experts involved in ocean/coastal monitoring
- 2023 with UNEP MAP and INFO/RAC: development of the future GEF MedProgramme knowledge management platform (8 child projects)
- 2022: with the Cartagena Convention Secretariat and local/regional partners

Collaboration with the Cartagena Convention Secretariat

- Development of an on-line, open source, regional environmental platform for the Caribbean Sea and Wider Caribbean Region
- Objectives: support reporting on marine pollution and marine biodiversity and monitoring of the implementation of regional strategies on marine biodiversity and pollution by the Cartagena Convention Secretariat
- Connection of MapX with many data repositories/portals and production of KM products (geospatial, statistical, story map)
- Document repository
- Capacity building to local partners to gain in autonomy

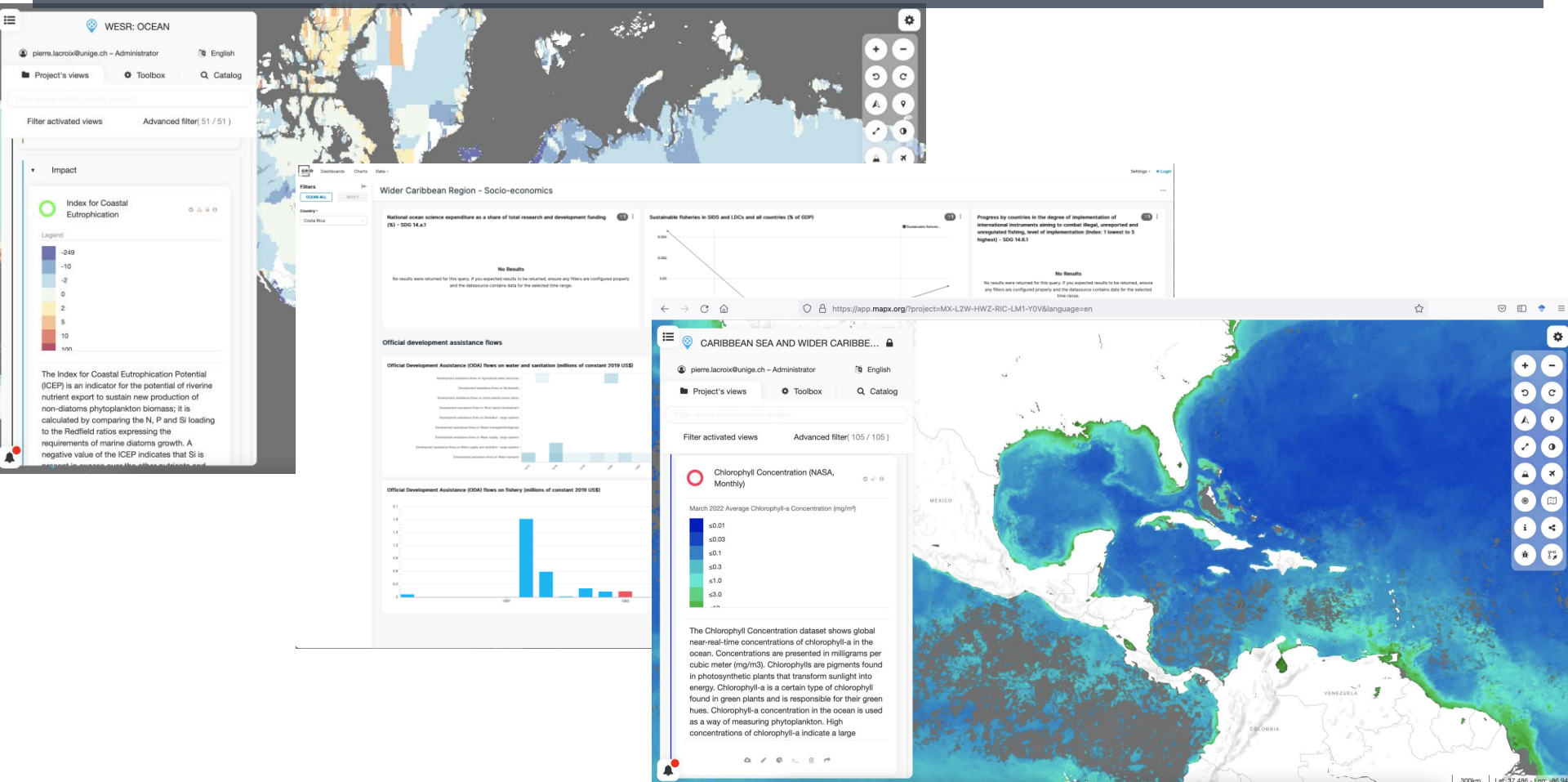


mapbox | mapx



200km | Lat: 40.508 - Lon: -104.734

Regional environmental platform demo

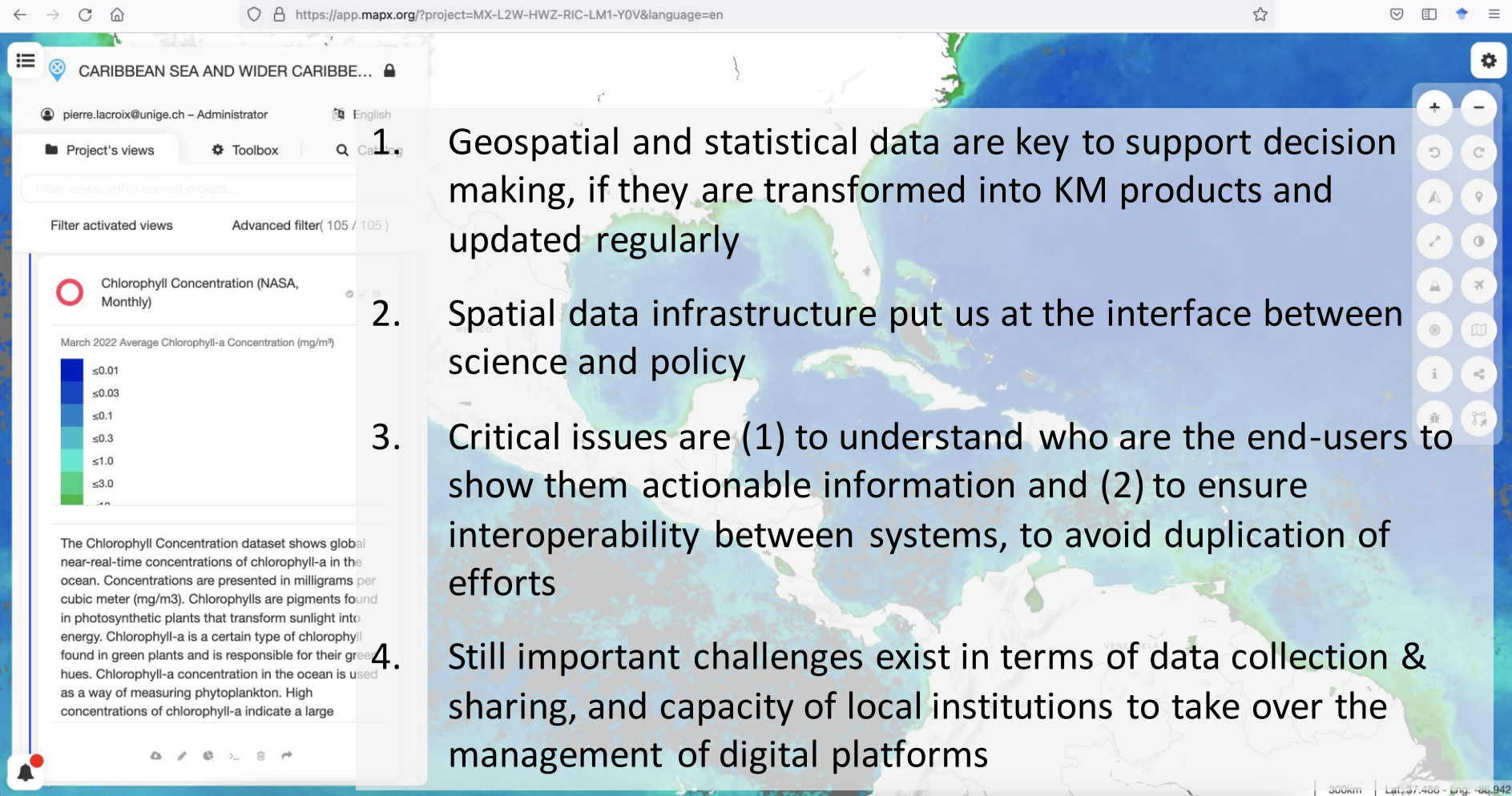


Digital platform: <https://wesr-cartagena.unepgrid.ch/>

Geospatial layers: <https://app.mapx.org/?project=MX-L2W-HWZ-RIC-LM1-Y0V>

Story map in [English](#), [French](#) and [Spanish](#)

Take away messages



Questions

Rendered with
Free PhotoCD
www.render.com

