

Copernicus Health Hub

Julie Letertre & Cristina Ananasso

Copernicus National Uptake &
Thematic Collaborations

ECMWF



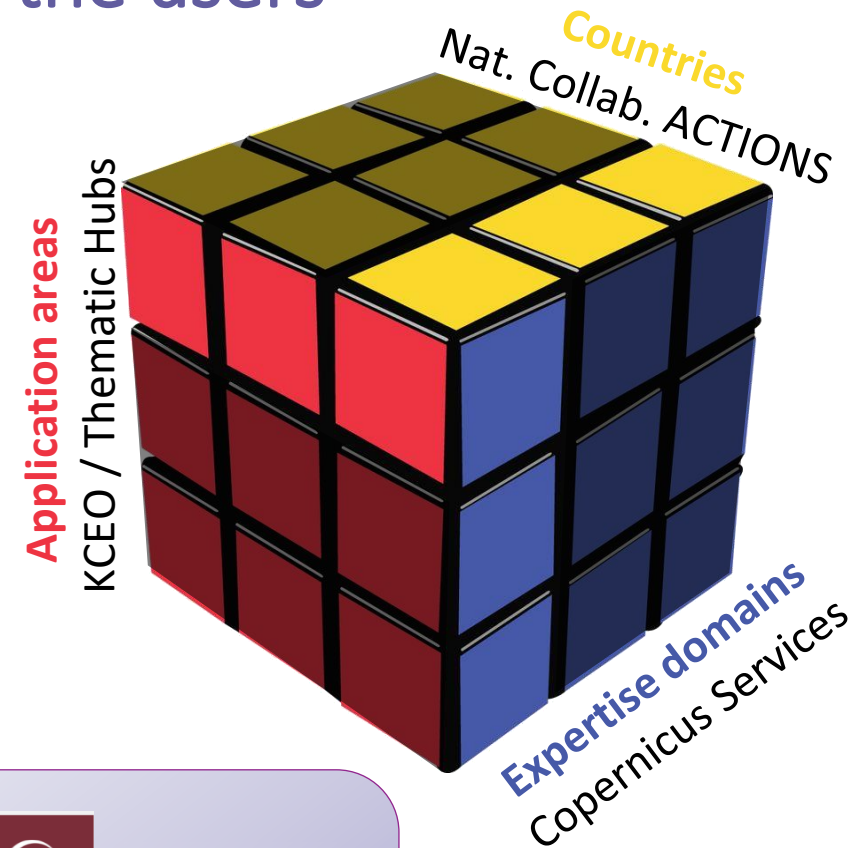
HEALTH HUB

**Copernicus Health Hub:
environmental data and Earth
Observation at the service of
public health**

Copernicus Thematic Hub: new approach to the users

Main goals:

1. **COORDINATE:** Improve coordination and information flow between Copernicus components, related projects and initiatives
2. **CONNECT:** create a user community by bridging scientific knowledge // technical expertise // specific user needs
3. **GAIN USER INTELLIGENCE:** invest time to listen and understand users, develop value proposition and collect user requirements
4. **INSPIRE:** Showcase how data can be integrated with other data/information through user stories and new demonstrators, foster ideas for further research and applications
5. **COLLABORATE:** Leverage the collaboration/interactions with other Copernicus entities and external stakeholders



HEALTH HUB



PROGRAMME OF THE
EUROPEAN UNION



November 2023: formally launched at the EU SPACE WEEK

The screenshot displays the Copernicus Health Hub website. At the top, it features the Copernicus logo and navigation links for 'About', 'Products and Data', and 'Use Cases'. A main banner reads 'HEALTH HUB Copernicus Health Hub: the link between Earth Observation, Environmental Information and Health'. Below this, a text block states: 'The Copernicus Health Hub brings together all the Copernicus environmental data and products pertinent to Health, including that related to physical health, mental health and well-being. The Hub supports users to better exploit and use this information by providing access to catalogues, searching, downloading and inspecting user-generated data. More information is available on the /'. A 'QUICK LINKS' section includes buttons for 'Products & Data', 'Training & Events', 'Use cases', and 'Help & Support'. A search bar is visible at the top right. Below the main content, there is a 'Health Thematic Hub Catalogue' with a search bar and filter options. The filters include 'Parameter family', 'Product type', 'Provider', 'Sector', 'Spatial coverage', 'Temporal coverage', and 'Variable domain'. Three search results are shown: 'Black Sea Physics Analysis and Forecast', 'Global Ocean Colour - Bio-Geo-Chemical, L4 from Satellite Observations', and 'Global Ocean Biogeochemistry Analysis and Forecast'. A detailed view of the 'Black Sea Physics Analysis and Forecast' product is also visible, showing its description and data specifications.



PROGRAMME OF THE EUROPEAN UNION

Copernicus
Europe's eyes on Earth

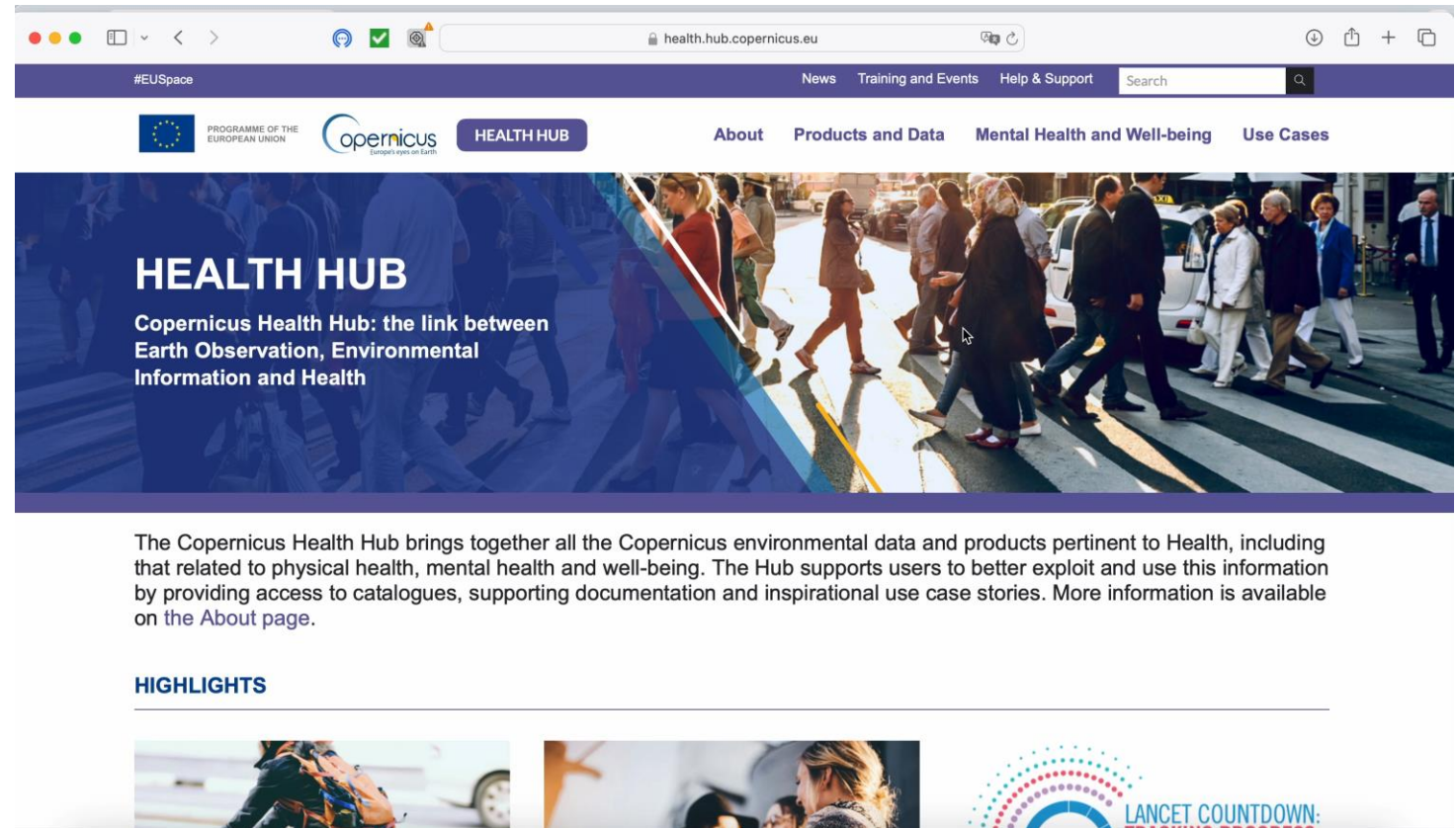
HEALTH HUB

Website and Catalogue developments

- More user stories added (26 so far in total)
- Page on partners
- Page on EU projects linked to health sector.
- Catalogues: new datasets with the new CDS
- Help and support page

<https://health.hub.copernicus.eu>

<https://hds.hub.copernicus.eu/datasets>



The screenshot shows the homepage of the Copernicus Health Hub. The browser address bar displays "health.hub.copernicus.eu". The page features a dark blue header with navigation links: "News", "Training and Events", "Help & Support", and a search bar. Below the header, there are logos for the European Union, Copernicus, and the Health Hub. The main content area has a large blue banner with the text "HEALTH HUB" and "Copernicus Health Hub: the link between Earth Observation, Environmental Information and Health". Below the banner, a paragraph explains the hub's purpose: "The Copernicus Health Hub brings together all the Copernicus environmental data and products pertinent to Health, including that related to physical health, mental health and well-being. The Hub supports users to better exploit and use this information by providing access to catalogues, supporting documentation and inspirational use case stories. More information is available on the About page." A "HIGHLIGHTS" section follows, featuring three small images: a person with a backpack, a person in a white coat, and the "LANCET COUNTDOWN: TAKING ACTION" logo.

HEALTH HUB



Atmosphere Monitoring

Use of CAMS products for health applications

Michael Gauss¹, Marit Låg², Bruce Rolstad Denby¹

- 1) Norwegian Meteorological Institute (MET Norway)
- 2) Norwegian Institute of Public Health (NIPH)



PROGRAMME OF THE EUROPEAN UNION



Atmosphere Monitoring

Copernicus Health and Energy hubs CAMS NCP Iceland: High Latitude Dust

Pavla Dagsson-Waldhauserova, pavla@lbhi.is

Michaela Hrabalikova

Slobodan Nickovic, Bojan Cvetkovic, Ana Vukovic-Vimic

Andri Gunnarsson, Hanne Krage Carlsen



PROGRAMME OF THE EUROPEAN UNION



Atmosphere Monitoring

CAMS NCP Sweden Contribute to improved health?

Camilla Andersson, June 11 2024



PROGRAMME OF THE EUROPEAN UNION



SMHI



Users via the CAMS NCP



PROGRAMME OF THE EUROPEAN UNION



HEALTH HUB

Copernicus Thematic Hubs

We are eager to hear your voice.

Share your story on how you combine Copernicus, health and energy information, weather forecast data, etc.

We look forward to receive your user testimonies.

Send your testimony to

copernicus-energy-hub@ecmwf.int

copernicus-health-hub@ecmwf.int

ENERGY HUB

Copernicus Energy Hub:
Connecting environmental data and Earth Observations to the green energy transition

More information



HEALTH HUB

Copernicus Health Hub:
environmental data and Earth Observation at the service of public health

More information





Thank you for your attention

**HEALTH
HUB**