



CoC02

Prototype system for a
Copernicus CO₂ service

WORK PACKAGE 9

Coordination, Dissemination,
Exploitation and International
Liaison

Richard Engelen & Tanya Warnaars
ECMWF

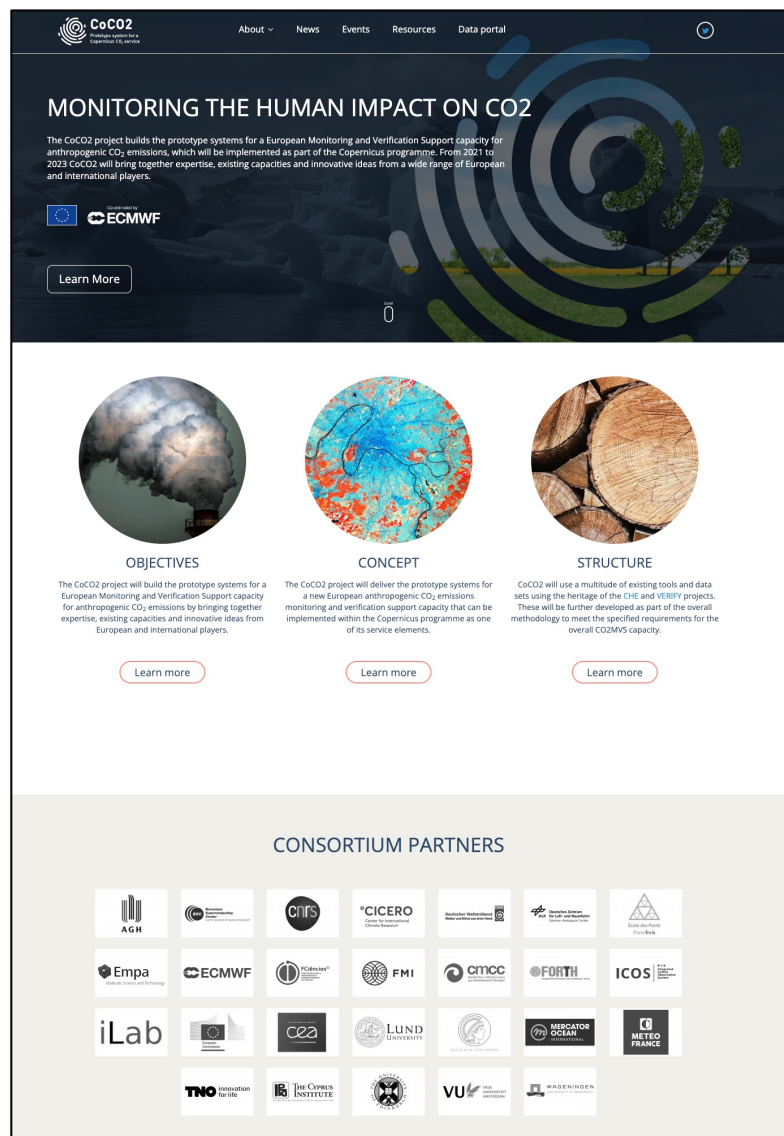


Coordination

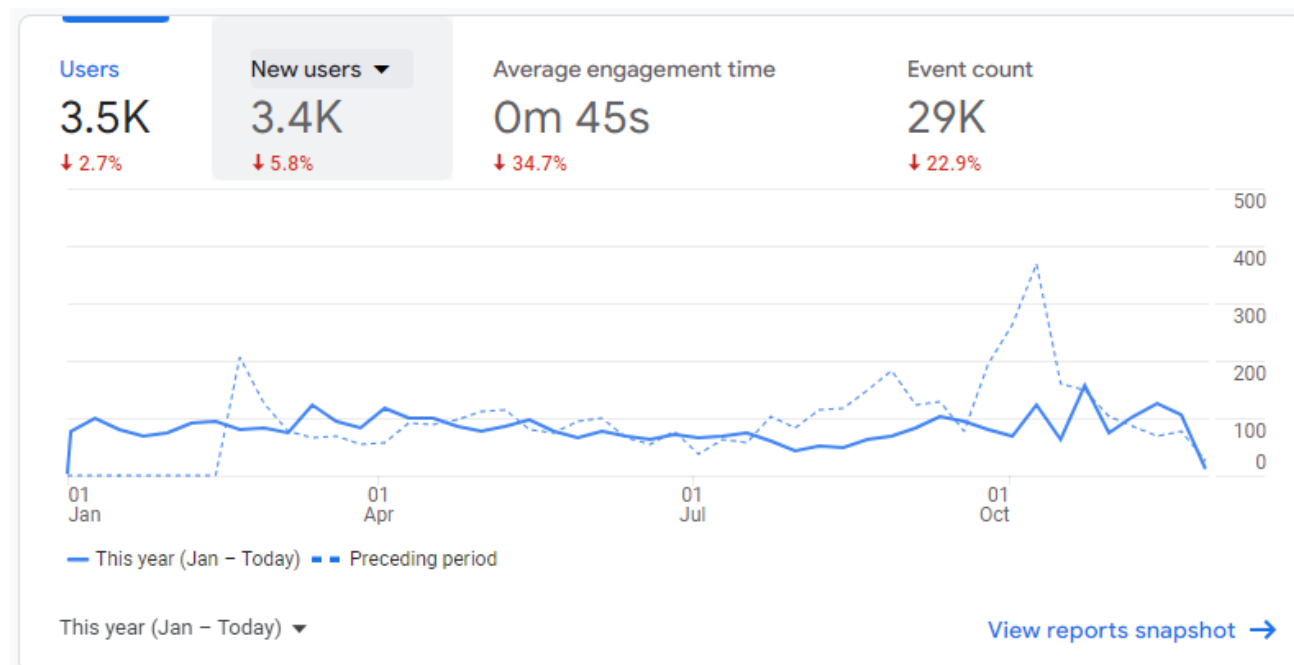
- First periodic report completed, reviewers comments addressed and interim payments made
- Regular monthly management board meetings
 - Issues related to delays to milestones/deliverables addressed and communicated to PO as necessary
- Quality reviews of Deliverables, working but at times produce slight delays
- Data management plan remains current



CoCO2 website




Website has been used to provide project info, news items, events (including registration), and provision of deliverable documents.






CoCO2 on Twitter

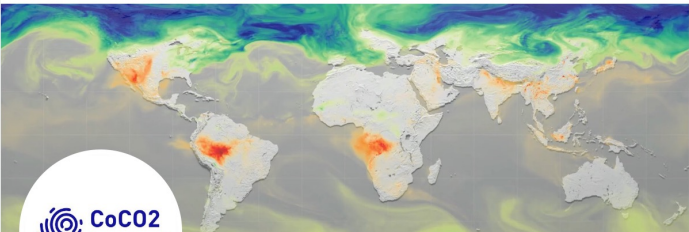



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Tweet



CoCO2 Project
140 Tweets





CoCO2
Prototype system for a
Copernicus CO₂ service

Edit profile

CoCO2 Project
@CoCO2_project

The H2020 CoCO2 project will deliver the prototype systems for the new European anthropogenic CO₂ emissions monitoring service as part of Copernicus.

Joined January 2021


42 Following 542 Followers

Tweets

Tweets & replies

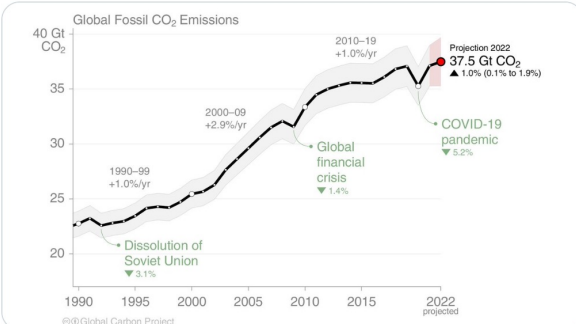
Media

Likes



CoCO2 Project @CoCO2_project · 22h

Great to see the @CoCO2_project contribution to the @gcarbonproject Global Carbon Budget recognised on @CORDIS_EU. The GCB is a massive annual community effort put together by many scientists around the world, and we are proud to be part of that. essd.copernicus.org/articles/14/48...



Global Fossil CO₂ Emissions

1990-99 +1.0%/yr
2000-09 +2.9%/yr
2010-19 +1.0%/yr
Projection 2022 37.5 Gt CO₂
▲ 1.0% (0.1% to 1.9%)
COVID-19 pandemic ▼ 5.2%
Global financial crisis ▼ 1.4%
Dissolution of Soviet Union ▼ 1.1%

@@Global Carbon Project

Glen Peters and 6 others

CoCO2 – Prototype system for a Copernicus CO₂ service



Project dissemination

Number of published journal papers has reached 19.

CoCO2 researchers presented 25 times in conferences in past 12 months and 10 times in workshops.





Liaison with main development stakeholders

- Coordinator has presented CoCO2 progress at CO2M MAG and CO2 TF meetings
- Direct interaction between ECMWF, ESA, and EUMETSAT
 - Support for CO2MVS ramp-up in CAMS
 - Specific CoCO2 interactions, such as simulated CO2M footprint data from EUMETSAT and detailed CO2M simulations through ESA/EUMETSAT contracts
- ECMWF as coordinator ensures direct link to implementation of CO2MVS as part of the CAMS portfolio



Liaison with member states

Interaction with national inventory agencies has benefitted from collaboration:

- CoCO2 presentation at VERIFY General Assembly Networking Meeting
- CoCO2 results and plans are used in CAMS presentations with EU Member States about future CO2MVS (e.g., Germany, Norway, Denmark, Netherlands, France, Bulgaria)
- CoCO2 is discussing with AVENGERS, EYE-CLIMA, and PARIS how to coordinate shared user interactions with national agencies
- CoCO2 will use 3rd year to interact more tightly with Inventory Agency Advisory Board



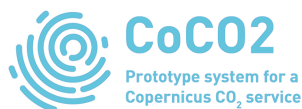
Liaison with international frameworks

- Interaction with WMO/IG3IS
- Input to WMO Global Greenhouse Gas Monitoring Infrastructure discussion
- Input to IPCC TFI Expert Meeting on Use of Atmospheric Observation Data in Emission Inventories
- Input to CEOS GHG Task Team discussions
- Input to GCOS Implementation Plan
- Input to US “Greenhouse Gas Emissions Information for Decision Making: A Framework Going Forward” study



Collaboration within H2020 and Horizon Europe

Horizon 2020



Greenhouse gases



Atmospheric pollutants

Horizon Europe



AVENGERS EYE-CLIMA PARIS

Greenhouse gases



Atmospheric pollutants

Nel Teatro Virtuale del CINECA di Bologna, grazie alle elaborazioni di un supercomputer tra i più potenti d'Europa, viene rappresentata, giorno per giorno, la concentrazione di CO₂ in atmosfera nel 2015, l'anno dell'Accordo di Parigi sul clima.



ANIDRIDE CARBONICA L'ALTRA FACCIA

IL GAS SERRA, RESPONSABILE DELLA CRISI
CLIMATICA IN ATTO, È ALLO STESSO TEMPO UN
ALLEATO PREZIOSO IN MOLTE ATTIVITÀ UMANE.



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coco2-project.eu



[@CoCO2_project](https://twitter.com/CoCO2_project)

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