



Co-ordinated by
ECMWF



CHE WP6

International Stakeholder Coordination and Liaison

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WP6 Summary

Liaison

Liaison with key stakeholders (EC, ESA, TFs, ...)

Clustering

Interaction with other relevant H2020 projects

Workshop organisation

Organisation of two workshops open to the wider community

Events

Participation at key events related to a future CO₂ emission monitoring system and related international collaboration programmes

Strategic Research Agenda Development

Development of the strategic research agenda documents using input from WPs 1 to 5 as well as the results from the liaison and clustering work in this work package



**Hi!
I'm CHE**



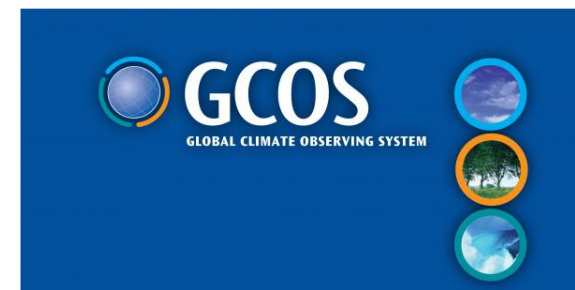




CO₂ Task
Force



IG³IS



United Nations
Framework Convention on
Climate Change



HORIZON 2020

The EU Framework Programme for Research and Innovation

VERIFY

Others...



Global Greenhouse Gas
Reference Network



MicroCarb



CO₂ HUMAN EMISSIONS

TANSAT

External Boards

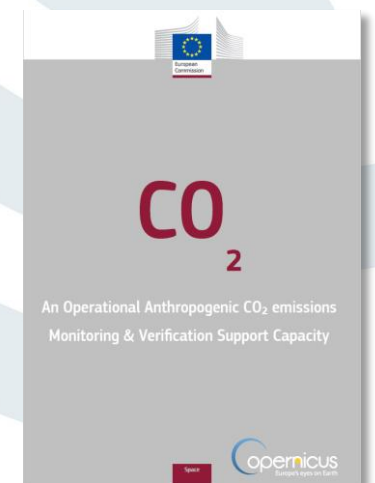
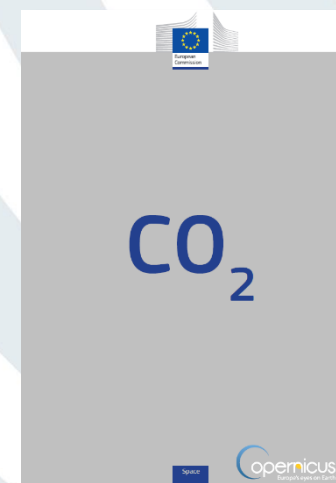
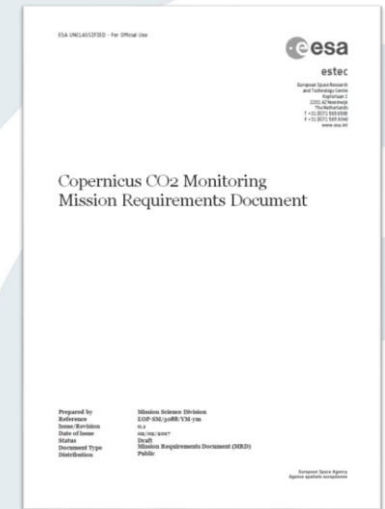
External Advisory Board: Han Dolman (Chair of EAB, VU NL), Pierre-Yves Le Traon (CMEMS, France), Mark Dowell (CLMS, INT), Guy Brasseur (WCRP, Germany), Werner Kutsch (ICOS, Finland)

External Expert Group: Peter Rayner (Chair of ESG, U MELBOURNE, AU), Kevin Gurney (ARIZONA SU, US), Kevin Bowman (NASA JPL, US), Arlyn Andrews (NOAA, US), Pep Canadell (CSIRO, AU), Saroja Polavarapu (ECCC, Canada), Jing M. Chen (U NANJING, China, U TORONTO, Canada), Lu Daren (CAS, Tansat-PI, China), Chris O'Dell (CSU, US), Shamil Maksyutov (CGER/NIES, Japan), Paul Palmer (EDINBURGH, UK), Heather Graven (IMPERIAL, UK) Alex Vermeulen (Carbon Portal, Sweden)

Task 1 - liaison

Liaison with the European Commission, ESA, EUMETSAT and the two Task Forces to ensure the project is addressing the relevant questions for which the Task Forces need support.

- Participation in EU Task Force A meeting in November
 - Progress on Mission Requirements Document (MRD) for Sentinel mission
- Participation in EU Task Force B meeting in December
 - 2nd CO₂ report has been published



Task 2 - clustering

Interaction with other relevant H2020 projects. This is to identify synergies, exploit them and possibly reinforce certain activities. Successful consortia in relevant H2020 Calls will be approached and invited for bi-lateral meetings to discuss synergies.

- Gianpaolo attended URBAN-FLUXES meeting in January
- Discussions with VERIFY – work on common deliverable will start after VERIFY kick-off next week
- SURFEX-IFS meeting @ ECMWF

Synergies between CHE and VERIFY

Focus on system design

Account for future
observation systems

Focus on scoping studies

Focus on CO₂

Prototype system

Focus on research
developments

Based on current observation
systems

Focus on model development
and case studies

Focus on CO₂, CH₄ and N₂O

Community Inversion
Framework



CHE

VERIFY

Task 3 - workshops

Organize two workshops open to the wider community to discuss, document and learn from the various efforts outside the project. The workshops will aim to address the open questions for an emission monitoring system involving worldwide experts.

- Ideas for first workshop later this year are being discussed. Stay tuned...

Task 4 - events

Participation at key events related to a future CO₂ emission monitoring system and related international collaboration programmes, such as Transcom, Eurocom and ICOS

- Attendance at AGU
 - Presentation at science steering group of WCRP/GEWEX
 - ...
-
- For the coming year, we will document more comprehensively where CHE will be presented by the CHE consortium

Task 5 – strategic research agenda

Development of the strategic research agenda documents that will use input from WPs 1 to 5 as well as the results from the liaison and clustering work in this work package

- No activity so far

2018 deliverables

March - Report on Synergies and Complementarities between CHE and VERIFY

June - Strategic Research Agenda document v1

December - Workshop report

CHE: Q & A

Thanks for your attention

