

GAIA-CLIM WP7

Project Management update

General Assembly

6th February 2017



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 640276.

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First Periodic report update

- Overview of progress:
 - Amendment request approved 15th November
 - Submission of both financial and narrative periodic reports 4th January including request for payment.
 - Awaiting period for Commission to review and queries 60 days
 - Initial query responses on financial matters now with Commission for review
 - Expected payment to NERSC and follow up payment to partners per consortium agreement following funds clearance



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General status of project

- Positive feedback received from Commission project review last November , with the following comments :
 - In order to maximise the impact it is advisable to develop a 'community' approach to the development of the VO capitalizing on open-software (e.g. visualisation), jupyter notebooks, on-demand cloud processing, and e-training capability, to progressively transform the VO portal into a true 'virtual research environment'.
 - Broaden the means of the outreach activities (e.g. by making use of visiting selected key users, attending key community meetings...) to reach even higher number of users



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European Commission

Next project technical review June 2017

What needs to be prepared in advance of next project review:

- Location possibly Bergen, Norway TBC , full day btw 27-29 Jun, required attendance to be confirmed , however WP5 and WP6 presence will be required
- New scientific periodic report , part B, to cover Sept 2016 to May 2017 prepared in advance
- Deliverables due before June 2017 need to be delivered on time and in full to support
- Continuous reporting requirements updated (on ECAS and user outreach activity O1) :

O1.To demonstrate to a wide audience (including satellite agencies , industries and applied scientists) how reference measurements can be used to underpin the calibration and validation of EO data



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Grant Management Project Continuous Report

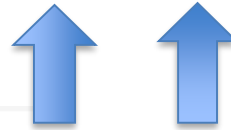
640276 (GAIA-CLIM) RIA

THE FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION
HORIZON 2020

Call: H2020-EO-2014 Unit: REA/B/01

Topic: EO-3-2014

Summary for publication ✓ Deliverables i Milestones i Critical Risks ✓ Publications ✓ Dissemination ✓ Patents (IPR) ✓ Innovation ✓ SME Impact ✓ Gender ✓



Dissemination & Communication Activities

Specify the total funding amount used for Dissemination and Communication activities linked to the project

Total Funding Amount

Specify the number of Dissemination and Communication activities linked to the project **i**

for each of the following categories

Specify the estimated number of persons reached, in the context of all dissemination and communication activities, in each of the following categories

Publications

This project does not currently have any scientific publication

Project publications (4 publications)

No.	Type	Title	Authors	Title of the Journal/Proc./Book	Number, date or freq. of the Journal/Proc./Book	DOI	Repository Link
1	Article in J	Metrology of ground-based satellite validation: co-locat	T. Verhoelst, J. Granville, F. Hei	Atmospheric Measurement Techniques	8/12	10.5194/amt-8-5039-2015	↗
2	Article in J	A review of sources of systematic errors and uncertain	Hélène Brogniez, Stephen Englis	Atmospheric Measurement Techniques	9/5	doi:10.5194/amt-9-2207-2016	↗
3	Article in J	Evaluation of Temperature and Humidity Profiles of Ur	Young-Chan Noh, Byung-Ju Sohn,	Atmosphere	7/7	10.3390/atmos7070094	↗
4	Article in J	RTTOV-gb - adapting the fast radiative transfer model	Francesco De Angelis, Domenico	Geoscientific Model Development	9/8	10.5194/gmd-9-2721-2016	↗



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Tracking of cumulative outreach activities

<p><i>This list logs meetings external to GAIA-CLIM, where GAIA-CLIM partners have provided input related to project activities. Organisation or participation to: workshop, conference, training, exhibition or similar. Or participation in activities organized jointly with other H2020 projects. Please name the dissemination and communication activity directly linked to GAIA-CLIM under column A. This list should be updated regularly as it feeds into Continuous reporting requirements for GAIA-CLIM</i></p>			<p>Specify the type of attendees, if one event falls into multiple categories, select types under columns</p>
Event	Type of event	Additional info on type of participation (if required) i.e talk, stand, posters ...	Attendees Categories
<ul style="list-style-type: none"> • AGU fall meeting, session on 'Calibration and Validation of Satellite Microwave, Infrared, and Solar Reflective Observations', December 2015, San Francisco, USA 	Participation to a Conference	Oral presentation	Scientific Community (Higher Education, Research)
<ul style="list-style-type: none"> • Hamburg Colloquium series (invited), December 2015, Max-Planck Institute for Meteorology and University of Hamburg, Hamburg, Germany 	Participation to a Conference Participation to a Workshop Participation to an Event other than a Conference Video/film	Oral presentation	Scientific Community (Higher Education, Research)
<ul style="list-style-type: none"> • Joint workshop on uncertainties at 183GHz (invited), June 2015, Paris, France 	Brokerage Event Pitch Event Trade Fair Participation in activities organized jointly with	Oral presentation	Scientific Community (Higher Education, Research)
<ul style="list-style-type: none"> • ESA Climate User Group Meeting (invited keynote opening presentation), May 2015, Swedish Meteorological and Hydrological Institute, Norrköpping, Sweden 	Participation to a Workshop	Oral presentation	Scientific Community (Higher Education, Research)



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Outreach activities cont.

- Copernicus Climate Change Service data store meeting,
- ESA Advances in Atmospheric Science and Applications (ATMOS) Conference
- 7th International DOAS workshop,
- World Climate Research Program's GEWEX water cycle meeting,
- International TOVS Study conference,
- GCOS Road to the Future (3 posters),
- ESA Living Planet Symposium 2016,
- European Space Solutions Conference, Stand under Copernicus "Earth Observation",.
- Quadrennial Ozone Symposium (2 posters),
- GEO XIII Exhibition, Europe for GEOS



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The document titled "GAIA-CLIM - Gap Analysis for Integrated Atmospheric ECV Climate Monitoring" contains several key sections:

- Project Rationale:** Discusses the need for a gap analysis to identify measurement gaps and assess the impact of Copernicus on climate monitoring.
- Objectives:** Lists goals such as identifying measurement gaps, assessing the impact of Copernicus, and providing a roadmap for future monitoring.
- Methodology:** Describes the use of a multi-criteria assessment framework to evaluate measurement gaps.
- Results:** Includes a map of Europe showing measurement gaps and a bar chart comparing current and required measurement capabilities.
- Conclusions:** Summarizes the findings and the need for a coordinated approach to address measurement gaps.
- Recommendations:** Provides suggestions for future actions, including the development of a common framework for measurement gaps.

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WP7 structure

Peter Thorne – NUIM- Project lead

Anna Mikalsen- NERSC – Project Coordinator (maternity leave April 2016 to April 2017)

Richard Davy- NERSC- Project Coordinator- Communication with the Commission , Financial management and create /maintain project website

Corinne Voces-NUIM- Project Coordinator- Scientific reporting on the status of the project. Organize and support meetings of the project consortium and outreach activities.

Transfer of coordination activities from Richard and Corinne to Anna by early April, full take over of coordination by Anna end of April.



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