

RFx Ref. No.	Title	Date of Award of Contract or Framework Agreement	Name and Address of Recipient	Amount of Contract or Framework Agreement (€)	End Date of Contract or Framework Agreement	Date of Award of Service Contract (in case of Framework Agreements)	Amount of Service Contract Awarded (€)	Description of Contract or Framework Agreement
C3S2_312a_Lot1	Essential Climate Variable products derived from observations - Atmospheric Physics	10-Feb-2022	National Meteorological Service of Germany Frankfurter Str. 135, D-63067 Offenbach, Germany	1,826,446.77	31-Jul-2024	10-Feb-2022	1,826,446.77	The objective of the Framework Agreement is the generation and maintenance of Climate Data Records of atmospheric physics ECVs, as well as producing comprehensive documentation and user support.
C3S2_312a_Lot4	Essential Climate Variable products derived from observations - Land hydrology and cryosphere	20-Apr-2022	EODC Earth Observation Data Centre for Water Resources Monitoring GmbH Gusshausstrasse 27-29/CA 02 06, A-1040 Wien, Austria	1,946,759.66	31-Jul-2024	20-Apr-2022	1,946,759.66	The objective of the Framework Agreement is the generation and maintenance of Climate Data Records of land hydrology and cryosphere ECVs, as well as producing comprehensive documentation and user support.
C3S2_312a_Lot5	Essential Climate Variable products derived from observations - Land biosphere	14-Jul-2022	Flemish Institute for Technological Research Boeretang 200, B-2400 Mol, Belgium	1,771,550.91	30-Sep-2024	14-Jul-2022	1,771,550.91	The objective of the Framework Agreement is the generation and maintenance of Climate Data Records of land biosphere ECVs, as well as producing comprehensive documentation and user support.
C3S2_314	Support for climate reanalysis including satellite data rescue	15-Feb-2022	SPASCIA: Space Science Algorithmics SAS Parc Technologique du Canal 14 Avenue de l'Europe F-31520 Ramonville Saint Agne France	1,497,220.87	31-Dec-2024	15-Feb-2022	1,497,220.87	The main objective of the Framework Agreement is to recover, archive and assess a set of early satellite data records from the late 1960s and 1970s. The primary applications using the data will be future C3S reanalyses, and in the generation of climate data records for Essential Climate Variables.
C3S2_360_Lot2	Regional Climate Reanalysis Timely Updates - Regional reanalysis products for the Arctic	31-Jan-2022	Norwegian Meteorological Institute P.O.Box 43 Blindern NO-0313 Oslo Norway	989,446.54	31-Dec-2025	31-Jan-2022	989,446.54	The main objective of the Framework Agreement is to provide near real time timely updates of the Copernicus Arctic Regional Reanalysis dataset already published in the C3S Climate Data Store for the historical period (1991-2021). In practice, the contract will continuously (monthly) update the dataset with new, recent data, with a 3 months delay. These updates are planned to be continued until the next generation pan-Arctic reanalysis becomes available. The technical work will consist of the automation of the data pre-processing chain, which includes the preparation of the observational data, but also the physiographic datasets. The entire reanalysis system and production suite are going to be migrated from the present Cray computer to the new Atos computer installed in Bologna.
C3S2_380	Operational access to global and regional climate projections and predictions from ESGF	24-Jan-2022	National Centre for Scientific Research - Institute Pierre Simon Laplace 1 avenue de la Terrasse - 91198 Gif-sur-Yvette Bât 11, France	1,115,708.00	31-Dec-2025	24-Jan-2022	651,638.00	The main objective of the Framework Agreement is to maintain the robust and reliable operational access of the climate projection and prediction datasets available at the Earth System Grid Federation (ESGF) data nodes and published in the Copernicus Climate Data Store (CDS). Gradual extension of the technical framework is expected in terms of alignment to the underlying ESGF infrastructure, deployment of more compute services and inclusion of more datasets.
CAMS2_71	Products in support of users in the domain of air quality policies	8-Feb-2022	National institute of industrial environment and risks Parc technologique ALATA BP2 60550 Verneuil-en-Halatte France	1,499,329.06	31-Dec-2024	8-Feb-2022	1,499,329.06	The FWA is about activities to deliver a range of products of the CAMS portfolio especially relevant for Policy Users. It also includes work in the area of design and implementation of European air quality policies, by supporting directly the European Commission's Directorate General for the Environment (DG-ENV) and Joint Research Centre (JRC), as well as the European Environment Agency (EEA) and ensuring a close liaison with them. This work will build on all the relevant products and services in the CAMS portfolio in order to bring most relevant information to these stakeholders. It will also interface with the CAMS national collaboration programme, involving all the EU Member States and Copernicus cooperating states, which aims to facilitate further the elaboration and implementation of air quality and emissions policies. Finally, the work comprises the organisation of annual workshops to gather the community of air quality Policy Users of CAMS in order to discuss and gather feedback on the products delivered under this FWA as well as more generally on other CAMS Regional and Global Products that are relevant for EU, national and local policies.
CAMS2_83	Regional evaluation & quality control (EQC)	13-Jan-2022	Norwegian Meteorological Institute P.O.Box 43 Blindern NO-0313 Oslo Norway	599,984.00	30-Apr-2025	13-Jan-2022	345,116.00	This contract provides information about evaluation and quality control for the European air quality products.
C3S2_601	Advancing ocean data assimilation methodology for climate applications	22-Aug-2022	French Institute for Research in Computer Science and Automation ZIRST Inovallee - Montbonnot 655 avenue de l'Europe 38334 Saint Ismier Cedex France	1,198,658.24	30-Jun-2025	22-Aug-2022	1,198,658.24	The objective of the Framework Agreement is to enhance the ocean data assimilation for climate applications in the context of C3S reanalysis activities. Specific developments include the treatment of model error to provide temporal consistency in the ocean estimation, solutions for scalable ensemble using multi-grid capability, improved flow dependent formulation of background error, especially important for the assimilation of surface variables. The contract also involves bringing past developments on stochastic physics and 4D-var to the most recent version of the ocean and sea ice model.
CIS2_211	Copernicus Data Stores Modernisation	7-Feb-2022	B-Open Solutions srl Via Principe Eugenio, 15 00185 Rome Italy	4,441,742.20	31-Dec-2025	7-Feb-2022	4,441,742.20	The main objective of the Framework Agreement is to enhance and upgrade C3S and CAMS services with a modern, more usable, scalable and interoperable Data Store & Toolbox infrastructure that will engage with a broader user community and will facilitate interoperability and synergies with external projects and platforms.

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CJS2_152a	Enhancing User Intelligence for CAMS: User uptake and user requirements activities	10-Feb-2022	German Aerospace Center Linder Höhe, 51147 Köln, Germany	799,863.93	30-Apr-2025	10-Feb-2022	799,863.93	The FWA is for supporting ECMWF, with the management of the relationship between CAMS and its different user communities, with the overarching goal to ensure the best possible use of the products by the Copernicus core users and to their full satisfaction. Activities in this contract aim to improve the understanding of existing and new users and linked data value chains, policies and societal trends to unlock the full potential of CAMS.
C3S2_430a	Maintenance and Development to Support the C3S – EEA Interface: European Climate Data Explorer	29-Mar-2022	B-Open Solutions srl Via Principe Eugenio, 15 00185 Rome Italy	548,599.03	31-Mar-2024	29-Mar-2022	548,599.03	The contract builds on existing C3S activities to make key indicators from the Climate Data Store available within the EEA's Climate Adapt portal through interactive applications. The objective of the contract is twofold: (i) maintain the existing service to ensure that the user experience is preserved; and (ii) include additional climate impact indicators to EEA users. Such indicators have either been recently published in the CDS, or, if absent from the CDS, will be orchestrated by a toolbox workflow. In addition, the contractor will collate the evolving requirements from the EEA to prioritise and develop new applications and functionality into the European Climate Data Explorer (Climate Adapt) to assist with EEA's member states adaptation reporting.
CAMS2_61	Global and European emission inventories	31-Mar-2022	Netherlands Organisation for Applied Scientific Research Anna van Buurenplein 1 2595 DA Den Haag The Netherlands	1,999,904.05	31-Oct-2025	31-Mar-2022	1,999,904.05	FWA is to provide gridded distributions of anthropogenic (global and Europe) and natural emissions (global only) for reactive gases, aerosols and greenhouse gases in direct support of CAMS production chains, with target resolutions of 50 km (natural emissions), 10 km (global) and 5 to 10 km (Europe). This contract will provide state-of-the-art information on the atmospheric emissions from both anthropogenic and natural sources, in order to provide a comprehensive and complete dataset of emissions to air which can serve as direct input to the CAMS Global and Regional production systems. In addition, the datasets produced will be made available publicly for all interested users.
CAMS2_82	Evaluation and Quality Control (EQC) of global products	2-Mar-2022	Royal Netherlands Meteorological Institute Utrechtseweg 297 3731 GA De Bilt The Netherlands	3,095,069.40	30-Jun-2025	2-Mar-2022	1,806,729.49	The Framework Agreement is about delivering evaluation and quality assurance (EQC) activities of the CAMS global production systems. The aim of the EQC activities is to provide information on the scientific and operational quality of Real-Time Global Products in the form of EQC reports and on-line evaluation graphics. Additionally, the contract covers some support for EQC of system upgrades for the Real-Time Global Products and provides information on the scientific quality of reanalysis products produced by the Global Service Provider. It will also input to the CAMS EQC framework for the Global Products.
CJS2_121	Website maintenance and support	12-Jan-2022	Eau De Web S.R.L. Maior Gheorghe Șonțu Street, No.8, 1st Floor011448 -Bucharest, Romania	39,150.51	30-Apr-2022	12-Jan-2022	39,150.51	This short contract (4months) is focused on the provision of website maintenance, support and updates services the successful bidder of CJS2_120 ITT which will take over the works of this RFQ at the end of this contract.
C3S2_410_Lot1	Multi-model Operational Hydrological Seasonal Prediction Service: Global scale	23-May-2022	Helmholtz Centre for Environmental Research Permoserstr. 15 04318 Leipzig Germany	299,750.80	30-Apr-2024	23-May-2022	299,750.80	The objective of the Framework Agreement is to provide an operational service to produce timely, high quality, probabilistic global multi-model hydrological seasonal forecast and retrospective forecasts (hindcasts) information, and to make such information available through the Climate Data Store (CDS), in synergy with the Copernicus Emergency Management Service (CEMS) hydrological seasonal forecasting component. This service is built on the C3S Global multi-model hydrological Seasonal prediction Service, under a demonstration phase in Copernicus 1, and includes GloFAS seasonal forecasts from CEMS as an integral part of the multi-model system.
C3S2_410_Lot2	Multi-model Operational Hydrological Seasonal Prediction Service: pan-European scale	23-May-2022	Swedish Meteorological and Hydrological Institute 601 76 Norrköping Sweden	299,935.10	30-Apr-2024	23-May-2022	299,935.10	The objective of the Framework Agreement is to provide an operational service to produce timely, high quality, probabilistic pan-European multi-model hydrological seasonal forecast and retrospective forecasts (hindcasts) information, and to make such information available through the Climate Data Store (CDS), in synergy with the Copernicus Emergency Management Service (CEMS) hydrological seasonal forecasting component. This service is built on the C3S Operational Sectoral Information System for the Water Sector (https://climate.copernicus.eu/operational-service-water-sector) and includes EFAS seasonal forecasts from CEMS as an integral part of the multi-model system.
C3S2_120a	Technical support for the management of ECMWF's ECVs Contracts	28-Mar-2022	Space ConneXions Limited Ireland Elfordstown Earthstation Midleton Co. Cork P25 P526 Ireland	369,545.14	30-Nov-2024	28-Mar-2022	369,545.14	This contract will provide the support needed for the technical and contractual management of operational ECV contracts. In particular, the main objectives of the contractor are to provide timely reviews of contract deliverables, verification of contract milestones and take on the role of Technical Officer for atmospheric physics ECVs.

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C3S2_361a	Arctic regional reanalyses - 2nd Generation	13-Sep-2022	Norwegian Meteorological Institute P.O.Box 43 Blindern NO-0313 Oslo Norway	3,477,583.76	31-Aug-2026	13-Sep-2022	3,477,583.76	In Copernicus 1 (Cop1) the produced Arctic reanalysis data set covers a 30%-year period (January 1991 – June 2021), referred to as CARRA1 (first version of Copernicus Arctic Regional Reanalysis), with data on two complementary domains in the European sector of the Arctic, and a near real-time prolongation of this data set is also under planning. The presently proposed contract will implement a new, next generation Arctic reanalysis system as a part of Copernicus 2 (Cop2), which will have a single domain, pan-Arctic coverage. The proposed system, called CARRA2, builds on the system setup and the experiences gained for the Arctic regional reanalysis produced by the same contract team in Cop1.
CAMS2_64	Development of the Global Fire Assimilation System (GFAS)	22-Jun-2022	King's College London Strand London WC2R 2LS United Kingdom	566,767.00	31-May-2024	22-Jun-2022	566,767.00	FWA is to provide support for and further development of GFAS, which is operated at ECMWF. GFAS delivers near-real-time emissions of gases and aerosols from biomass burning through data assimilation of multi-satellite FRP retrievals supporting atmospheric composition forecasts. The Contractor will provide improvements for the current GFAS system in terms of evaluation and improvement of injection height estimation, provide near-real-time Fire Radiative Power (FRP) observations from the GOES and Himawari geostationary satellites, evaluate and refine the merging of GEO and LEO satellite FRP products including the introduction of new products, provide and implement recommendations for service evolution, update information on spurious FRP signals, as well as deliver memoranda and reports. The Contractor will also advise the team working on the global production system at ECMWF.
C3S2_381	Copernicus Interactive Climate Atlas	12-May-2022	Spanish National Research Council - Institute of Physics of Cantabria C/Serrano 117 28006 Madrid Spain	1,079,210.00	30-Apr-2025	12-May-2022	1,079,210.00	The objective of the framework agreement is to deploy a live version of an Interactive Atlas in Copernicus C3S building on the development framework used for the IPCC (Assessment Report 6) Interactive Atlas and incrementally expanding its functionalities, datasets and indices aligned with future C3S and IPCC (CMIP and CORDEX) activities. In particular, new datasets and indices will be identified in cooperation with other C3S contracts so the Interactive Atlas builds as much as possible on existing/planned CDS products. The final objective is making Copernicus the home of the Interactive Atlas also providing tools for reproducibility and reusability. The Copernicus Interactive Climate Atlas might be then used to support the next IPCC Assessment Report (AR7).
C3S2_520	Quality Assurance for Datasets in the Climate Data Store	20-Jun-2022	National Research Council - Institute of Marine Sciences Arsenale - Tesa 104 Castello 2737/F Venezia Italy	5,499,975.08	30-Apr-2026	20-Jun-2022	3,051,010.98	The objective of the Framework Agreement is to enhance the quality and efficiency of the C3S Evaluation and Quality Control (EQC) function through the delivery of an efficient and timely quality assurance of C3S climate datasets. The final goal is to facilitate users in the dataset selection and the self-assessment fitness-for-purpose of the selected datasets. The contract will continue the EQC effort addressed in previous EQC contracts during Copernicus 1, evolve the existing EQC concepts and infrastructure already put in place, and further consolidate, harmonise and streamline the entire framework, including its methodologies, procedures and outputs.
CAMS2_22	Improvements to EEA's Up-To-Date system providing access to European Air Quality Observations	8-Jun-2022	Trabajos Catastrales S.A.U. C/ Cabarceno 6 31621 Sarriguren Spain	704,043.90	30-Apr-2026	8-Jun-2022	704,043.90	The main objective of this contract is to enhance the current In-Situ Air Quality System, hosted at EEA, in order to maintain and improve the reported observations which are key for CAMS quality.
CJS2_120	Provision of website maintenance, support and development services	11-May-2022	Eau De Web S.R.L. Str. Maior Gheorghe Sontu, No 8, et 1, 011448 Bucharest Romania	190,512.00	30-Apr-2025	11-May-2022	190,512.00	This FWA is for providing web services for the Copernicus Climate Change service (C3S) and the Copernicus Atmosphere Monitoring Service (CAMS) public websites: http://climate.copernicus.eu and http://atmosphere.copernicus.eu . These websites are an essential part of the ECMWF Copernicus services communication channels to reach out to their audiences and promote scientific content, provide access to climate and atmospheric data and keep the public informed with key environmental information. The services to be delivered under this ITT CJS2_120 are grouped in following three working packages: • to provide maintenance and technical support to the C3S and CAMS websites (WP1); • to provide ad hoc web development and design activities for specific project purposes (WP2); • to undertake the management of the contract (account management, reporting on quality measures and project status) (WP0).
C3S2_522	Consultancy work in support of EQC activities	21-Apr-2022	Planet-A consulting OÜ Sepapaja 6 15551 Tallinn Estonia	64,000.00	31-Dec-2022	21-Apr-2022	64,000.00	The main objective of the Framework Agreement is to provide support in a variety of areas within the Copernicus Climate Change Service, in particular in the implementation of the Evaluation and Quality Control (EQC) function, including aspects related to user requirements and service evolution.
CAMS2_51a	Emission inventories of greenhouse gases: CarbonMonitor emission estimation system	17-Oct-2022	Alternative Energies and Atomic Energy Commission Bâtiment "Le Ponant D" 25 rue Leblanc 75015 Paris France	159,972.18	31-Jul-2024	17-Oct-2022	159,972.18	The main objective of the Agreement is to support provision, further development, and evaluation of Carbon Monitor products for CAMS. Carbon Monitor is an initiative that compiles near-real-time activity data from numerous sources and produces unique daily estimates of fossil fuel CO2 emissions from January 2019 onwards for all countries, with regional data for US states, Chinese provinces, and EU countries.

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C3S2_371	Consultancy work in support of Seasonal Forecasts activities	13-Jun-2022	Daniel Johannes Befort Berkasteler Str 45 53175 Bonn Germany	42,950.00	30-Nov-2022	13-Jun-2022	42,950.00	The main objective of the Framework Agreement is to advance the development of methods for bias correction, product generation and evaluation of daily-data output from the C3S seasonal forecast multi-system, to match user needs, for future implementation in C3S operational service.
DE_340	Climate Adaptation DT	6-Oct-2022	CSC - IT Center for Science Ltd Keilaranta 14 P.O. BOX 405 02101 Espoo Finland	13,836,458.63	30-Apr-2024			The objective of the Agreement is to deliver the digital twin on climate change adaptation constituting an enhanced simulation system, informed by observations and based on a new generation of Earth system models. This capability will produce a new generation of multi-decadal climate projections to support the understanding of the impacts of climate change on society and contribute to help defining targeted adaptation strategies in support of the green transition and the implementation of the European Green Deal. The work will demonstrate the co-design with selected use-cases showing societal adaptation and mitigation options for dealing with the impacts of climate change. The work will interface with ECMWF's technological developments on the digital twin engine as required, to interface with the DestinE platform components such as the data lake and the core service platform.
DE_330	On Demand Extremes DT	1-Sep-2022	Meteo-France 73 Avenue de Paris 94165 Saint-Mande France	11,999,900.99	30-Apr-2024			The objective of the Agreement is to deliver a pre-operational capability for a flexible, configurable, European monitoring and prediction framework providing decision-making support at continental, country, coastline, catchment and city scales in response to meteorological, hydrological and air quality extremes. This capability is to combine weather, hydrology and air-quality observation and simulation capabilities at a qualitatively new level of on-demand information discovery, also providing uncertainty quantification. The work will demonstrate theco-design with selected use-cases showing societal adaptation and mitigation options for dealing with the impacts of extreme events. The work will interface with ECMWF's technological developments on the digital twin engine as required, to interface with the DestinE platform components such as the data lake and the core service platform.
CJS2_154b	User specific promotion and marketing: user stories UfM COP27	28-Jun-2022	Ramboll France SAS Immeuble Le Cézanne 155 Rue Louis de Broglie 13100 Aix en Provence France	74,878.00	31-Dec-2022	28-Jun-2022		The main objective of the Agreement is to provide temporary consultancy support to ECMWF for the implementation of priority actions in support of the MoUs with the UfMs (user stories in scope of COP27) and EIB (initial coordination actions).
DE_380	Strategic Technology Agenda for DestinE	26-Sep-2022	European Technology Platform for High-Performance Computing Abtspoelhof 7 2341NS Oegstgeest Netherlands	596,250.00	30-Apr-2024			The objective of the Agreement is the provision of the technology agenda that prepares DestinE for the emerging ecosystem of digital technologies that are relevant for DestinE throughout its implementation and operation phases.
DE_360	Technology Adoption for DestinE	9-Sep-2022	CINECA Consortium of Universities Via Magnanelli 6/3 40033 Casalecchio di Reno Italy	555,400.00	30-Apr-2024			This contract is for the provision of support for new technology adoption that prepares DestinE for the deployed ecosystems at EuroHPC sites as relevant for DestinE throughout its implementation and operational phases.
C3S2_412_Lot2(R)	Enhanced Operational Services for the Energy Sector: Support to ENTSO-E in the preparation of the Pan-European Climate Database (PECD)	7-Sep-2022	Inside Climate Service srl Viale della Navigazione Interna, 51/b 35129 Padova Italy	549,935.63	31-Aug-2025	7-Sep-2022	549,935.63	Enhanced Operational Services for the Energy Sector Lot 2: Support to ENTSO-E in the preparation of the Pan-European Climate Database (PECD) 1-36
CAMS2_21a	Near-Real-Time provision of aerosol and reactive species from ACTRIS and EMEP surface observation networks	12-Dec-2022	National Centre for Scientific Research 25 Avenue des Martyrs BP166 38042 Grenoble France	480,000.00	30-Apr-2026	12-Dec-2022	480,000.00	CAMS2_21a consolidates procedures for transferring information from the in-situ near—surface observation network of ACTRIS initiated in the CAMS_21a contract and extends its scope to additional variables (NOx and VOCs) and more contributing sites over Europe belonging to the ACTRIS and/or EMEP networks.
DE_350	Visualisation and immersive technologies	21-Oct-2022	Exprivia SpA Via A. Olivetti, 11 70056 Molfetta (BA) Italy	1,403,216.50	30-Apr-2024			The objective of the Agreement is to cover the provision of a technical implementation that demonstrates how DT results can be visualised and contextualised, including overlaying simulation and observational data and the provision of a very specific workflow: a visualisation and rendering service. Under this procurement, the digital twin concept shall be enhanced with immersive technology that blurs the line between the physical world and the digital or simulated world through the exploitation of programmable data preparation pipelines and the exploitation of technologies from developments in gaming engines, virtual (VR) or augmented reality (AR).

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C3S2_412_Lot1	Enhanced Operational Services for the Energy Sector: Enhanced Energy Service	4-Nov-2022	Inside Climate Service srl Viale della Navigazione Interna, 51/b 35129 Padova Italy	999,268.75	30-Sep-2025	4-Nov-2022	999,268.75	The objective of the Framework Agreement is the provision of a service to produce timely, high-quality information for the energy sector; extending the information already available through the current C3S operational energy service to the global scale. The contract will make use of climate data published within the Climate Data Store, for example, the extension of ERA 5 back to 1950, to provide new and relevant bias adjusted climate variables and energy indicators. The contract will also provide enhanced toolbox applications, including those at the seasonal forecast timescales, specific tools and case studies developed with engagement with user communities in the energy sector.
CAMS2_72FR	CAMS National Collaboration Programme - France	13-Dec-2022	National institute of industrial environment and risks Parc Technologique Alata, BP2 60550 Verneuil en Halatte France	149,872.28	31-May-2024			The main objective of the Agreement is to support provision and further development of the CAMS National Collaboration Programme for France. The National Collaboration Programme proposes a dedicated scheme to support the Member States in achieving maximum benefit from CAMS products and services in the implementation of their mandate. Modules selected: Management and coordination; Reporting; Air quality Downscaling; Emission; Communication.
CAMS2_72IT	CAMS National Collaboration Programme - Italy	14-Dec-2022	Italian Institute for Environmental Protection and Research Via Vitaliano Brancati 48 00144 Rome Italy	149,982.29	30-Apr-2024			The main objective of the Agreement is to support provision and further development of the CAMS National Collaboration Programme for Italy. The National Collaboration Programme proposes a dedicated scheme to support the Member States in achieving maximum benefit from CAMS products and services in the implementation of their mandate. Modules selected: Management and coordination; Direct use of CAMS products; Air quality Downscaling; Emission; Communication; Training.
CAMS2_72DK	CAMS National Collaboration Programme - Denmark	13-Dec-2022	Aarhus University Nordre Ringgade 1 8000 Aarhus C Denmark	149,963.66	31-May-2024			The main objective of the Agreement is to support provision and further development of the CAMS National Collaboration Programme for Denmark. The National Collaboration Programme proposes a dedicated scheme to support the Member States in achieving maximum benefit from CAMS products and services in the implementation of their mandate. Modules selected: Management and coordination; Direct use of CAMS products; Air Quality downscaling; Communication; Training.
CAMS2_35b	Developments for reactive gases and aerosol in the global system: aerosol warning system	15-Dec-2022	Norwegian Meteorological Institute Henrik Mohnsplass 1 0313 Oslo Norway	199,940.00	31-May-2025	15-Dec-2022	199,940.00	The main objectives of the work to be carried out under this contract are: - ensure the continuity of the currently running alerts system - pursue the development and ensure the quality of the service - improve documentation and make code usable by ECMWF
DE_311	Analytical Tool	16-Nov-2022	Meltwater Deutschland GmbH Rotherstrasse 22, 10245 Berlin Germany	39,187.50	30-Jun-2024			The Meltwater tool is an analytical tool that measures the performance, engagement and reach of social media posts, as well as monitoring broadcast media (newspapers, magazines and media mentions) and academic journals for content related to ECMWF's role in Destination Earth.
C3S2_522_AA1	Consultancy work in support of EQC activities	21-Dec-2022	Planet-A consulting OÜ Sepapaja 6 15551 Tallinn Estonia	32,000.00	31-Dec-2023			Background to this Amendment are newly requested tasks in support of EQC activities that would exceed the originally agreed upon contract scope, duration and budget to adequately complete all tasks.
CAMS2_35_SC2	Developments for reactive gases and aerosol in the global system	31-Aug-2021	HYGEOS SARL 165 Avenue de Bretagne 59000 Lille France		28-Feb-2025	5-Dec-2022	739,192.25	The main subject of this Service Contract 2 to Framework Agreement CAMS2_35 is developments for reactive gases and aerosol in the global system Months 17 -28.
CAMS2_73_SC2	Solar Radiation services	28-Sep-2021	German Aerospace Center Linder Höhe 51147 Köln Germany	1,993,739.03	31-Dec-2024	15-Dec-2022	1,359,618.97	CAMS2_73 "Solar Radiation Services", is for providing and continuously evaluating the CAMS products related to solar radiation. The solar radiation service consists of global (clear sky) and multi-continental (defined by the field of view of geostationary satellite sensors to take into account the effect of clouds) solar irradiance databases. Daily updated time series for user-selected geographic locations covering a historical period defined by the data availability of the relevant geostationary satellite sensors shall be made available to users with a time lag of a few days maximum, targeting particularly solar energy applications.