

Project list

Selected projects with Informus participation. Projects are sorted by end date in descending order.

Start	End	Acronym	Customer	Project type	INF role	<i>Project name</i> Short description
2017	ongoing [2023?]	NUNATARYUK	EC / H2020	Research & Development	Consortium partner	<i>Nunataryuk means “land to sea” in Inuvialuktun, an Inuit language spoken in northwest Canada</i> Determine the impact of thawing permafrost on global climate and develop mitigation strategies for the Arctic coastal population.
2019	Ongoing [2022?]	FDR4ALT	ESA	Research & Development	Consortium partner	<i>Fundamental Data Records for Altimetry</i> Generate innovative Earth system data records from the altimeter and microwave radiometer instruments onboard ERS-1, ERS-2, and Envisat.
2019	Ongoing [2021?]	AMTROC CCN-1	EUMETSAT	Research & Development	Consortium lead	<i>Altimeter 1D-VAR Tropospheric Correction</i> Develop an operational method to correct SSH retrievals from S-3 altimeter observations for the effects of atmospheric moisture.
2013	2019	EMiR CCN-1 CCN-2	ESA	Research & Development	Consortium lead	<i>ERS/Envisat MWR Recalibration and Water Vapour TDR Generation</i> Generate a thematic data record (TDR) of the total column water vapour (TCWV) above the world’s ice-free oceans from MWR observations.
2018	2018	TopSolar	DWD (DE)	Research & Development	Sole provider	<i>TopSolar (from topography and solar radiation)</i> Develop a software in R for downscaling satellite-derived solar irradiation data in areas with complex topography
2017	2018	SnowSum	ESA	Research & Development	Sole provider	<i>Technical Support for the SnowSum Experiment</i> Evaluate the potential of space-borne radar observations to measure precipitation patterns over the Greenland Ice Sheet.
2016	2017	ANPAC	EUMETSAT	Research &	Consortium	<i>Antenna pattern correction methods</i>

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				Development	lead	Develop a method to correct space-borne microwave imagery for unwanted side-lobe contributions.
2003	2017	DAQAS	UBA (DE)	Research & Development	Consortium lead	<i>Data Acquisition and Quality Assurance System</i> Database-backed system to support acquisition and quality assurance of atmospheric trace gas measurements for WMO's GAW program.
2015	2016	SUK-2	SenStadt Berlin (DE)	Field Work	Consortium lead	<i>Lake Shore Morphology Mapping in Berlin</i> Remapping the shore morphology of selected lakes in the federal state of Berlin with an updated mapping procedure.
2013	2014	KIRMO	HU Berlin (DE)	Research & Development	Consortium partner	<i>Ökosystemfunktionen von Hochgebirgsmooren in Kirgistan</i> Generate an inventory of the current extension of peat bogs in Kyrgyzstan and assess their ecological condition.
2013	2014	TESPaMM	EUMETSAT	Research & Development	Sole provider	<i>Generation of test data for the EPS-SG passive microwave missions</i> Simulate four full orbits of future microwave imagers to support instrument design and the development of evaluation algorithms.
2011	2013	HELM	EC / FP7	Consulting	Consortium partner	<i>Harmonising European Land Monitoring</i> Harmonise (sub-)national land monitoring to enable integration into a coherent European Land Use and Land Cover system.
2010	2013	SUBMARINER	BMU (DE)	Consulting	Sole provider	<i>Sustainable Uses of Baltic Marine Resources (co-funded by the Baltic Sea Region Programme 2007-2013 of the EU)</i> Investigate the potential of new uses of Baltic Sea resources such as macro algae cultivation or blue biotech.
2007	2013	AVAC-S	EUMETSAT	Research & Development	Sole provider	<i>A-Train Validation of Aerosol and Cloud properties from SEVIRI</i> IDL-based software package to support the evaluation of aerosol and cloud products derived from SEVIRI measurements.

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2007	2013	COCASSE	IDE (IL)	Consulting	Consortium partner	<i>Coastal Ocean Case Studies</i> Prepare background reports on oceanic conditions potentially affecting planned coastal infrastructures.
2012	2013	ALBEDOVAL	EUMETSAT	Consulting	Consortium lead	<i>Evaluation of satellite-retrieved broadband surface albedo</i> Quality assessment of the surface albedo climate data record (CDR) derived from EUMETSAT's MVIRI instrument.
2010	2011	BOM	EUMETSAT	Consulting	Sole provider	<i>Benefits of Oceanography Measurements</i> Study on current and anticipated future uptake of space-based oceanographic measurements by National Meteorological Services.
2010	2011	SUK-1	SenStadt Berlin (DE)	Field work	Consortium lead	<i>Lake Shore Morphology Mapping in Berlin</i> Mapping the shore morphology for the Havel lakes in the federal state of Berlin.
2010	2011	VOK-NS	NLWKN (DE)	Field work	Consortium lead	<i>Watercourse Morphology Mapping in Niedersachsen</i> Mapping the morphology of small and medium sizes water in the federal state of Niedersachsen.
2010	2011	SUK SH	LLUR (DE)	Field work	Sole provider	<i>Lake Shore Morphology Mapping in Schleswig-Holstein</i> Mapping the shore morphology of lakes in the federal state of Schleswig-Holstein.
2007	2010	GNU	EC / FP6	Consulting	Consortium partner	<i>GMES Network of Users (GNU)</i> Investigate and document the situation of GMES (now Copernicus) from a user's perspective and suggest improvements.
2005	2008	GSE-FM	ESA	Research & Development	Consortium partner	<i>GMES Services Element - Forest Monitoring (GSE-FM)</i> Development of space observation based global operational services to support forest monitoring and related reporting obligations.

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2006	2007	MUDAB-EVAL	UBA (DE)	Consulting	Consortium lead	<i>Evaluation of the German Marine Environmental Database (MUDAB)</i> Evaluate MUDAB operations and suggest improvements to increase its usefulness for both experts and the larger public.
2005	2006	MUDAB-WEB	UBA (DE)	IT services	Sole provider	<i>Web client to the German Marine Environmental Database (MUDAB)</i> Improve the access to the German Marine Environment Database MUDAB by establishing a SOAP-based web client.
2002	2005	SISCAL	EC / FP5	Research & Development	Consortium partner	<i>Satellite-based Information System on Coastal Areas and Lakes</i> Develop and implement an operational processor to generate water quality information in near-real-time from satellite observations.
2004	2005	SUK Survey	LUNG (DE)	Research & Development	Sole provider	<i>Establishing a Lake shore morphology assessment method</i> Develop a method to evaluate lake shore morphology in the federal state of Mecklenburg-Vorpommern.

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