



Editorial

The EC has recently published its proposals for a Copernicus Regulation and a Delegated Act. The former sets out the conditions for the Copernicus programme whilst the Delegated Act defines the data and information policy. Both documents are being discussed in the Council of Ministers and the European Parliament with a view to having agreement by the end of the year. Naturally, given the importance of the programme and the legislation, [EARSC has views on the Copernicus Regulation](#) linked to a number of points which we are promoting.

The passage of the two documents will differ. Without going into too much detail, the Regulation will be modified according to the views of the three institutional bodies until there is full agreement on a final text whilst the Delegated Act can only be rejected by either Council or Parliament. If it is not rejected, it is accepted. No changes are possible. It is also linked to the GMES legislation and hence will need to be revised or re-adopted later.



For this reason, EARSC is focusing its attention mainly on the Regulation since if it was decided to change or adapt any part of the data and information policy, this can be done in the Regulation and as the newer legislation it will take precedence.

[Keep reading...](#)

Summary

Issue 35 Autumn 2013

EARSC Activities

[Results of a survey into the state and health of the European EO services industry](#)

We are very pleased to be able to share with you the results coming from the survey we conducted into the state and health of the European EO services industry. To all those who participated, we would like to thank you for your time and effort. The brochure and the full report can be downloaded at www.earsc.org

[Call for proposals to join the EARSC Certification Scheme.](#)

After the EARSC certification workshop in April it was agreed to evaluate the certification scheme which has

been developed between P. Hollidge and the EARSC Industrial Best Practice Working Group.

[EARSC at ESA TV](#)

Geoff Sawyer, EARSC Secretary General has discussed the link between Earth observation and international development.

[EARSC Guideline Document](#)

EARSC EO Industry Certification Scheme. Document Requirements Definition for Earth Observation Product Specifications

[EARSC position paper on developing EO service industry](#)

... EARSC as the trade association representing the sector has already developed excellent links with ESA and we consider that this relationship could be the platform from which to build Europe's position in developing countries. By tackling the IFI's as a first step we can establish the local links from which to build sound future business....

[OGEOzine 1](#)

first ogeo magazine has been launched

Industry Profile

[GEOMATRIX UAB: EXTENSIVE GEO Computing](#)

GEOMATRIX UAB is a small private Lithuanian company, focusing on applied research, development of technological solutions, consultancy in geo-informatics and providing services of automated processing of large amounts of spatial data. It was originally designed to become a GMES Service Provider, focusing on innovative satellite data processing solutions.

Member News

[Astrium Enhances TerraSAR-X Resolution and Coverage Capabilities](#)

8 October 2013 – Astrium, Europe’s leading space technology company, has launched two new TerraSAR-X imaging modes. The enhanced imaging capabilities facilitate the delivery of higher resolution imagery as well as the coverage of larger areas.

[Brockmann Consult: BEAM now supports Landsat 8](#)

In June the USGS announced the availability of Landsat 8 data.

[CLS purchases EXEO, making its the French market leader in “clean geolocation”](#)

Through the acquisition of EXEO, a company based in the French Basque Country, CLS’s subsidiary Novacom Services has become the French market leader in geolocation services for vehicles in the cleaning sector.

DHI GRAS awarded framework agreement with EEA regarding advanced image processing

DHI GRAS recently entered into a framework agreement with the European Environmental Agency (EEA) on consultancy services within Geospatial Information Systems (GIS). It covers support and consultancy with respect to advanced image analysis and will be running for the next four years.

DMCii appoints General Manager to lead ambitious growth

(September 12, 2013) DMCii's ambitious development and infrastructure enhancement plans have been enriched with the appointment of the new General Manager Martin Philp.

DMCii in Namibia for UN Desertification Conference

The DMCii team were in the Republic of Namibia's capital Windhoek this week as sponsors for the UN Conference to Combat Desertification (UNCCD) on the 23rd and 24th September.

EO Reports Information from Euroconsult

Euroconsult Honors Outstanding Achievement in Earth Observation with Annual Awards for Excellence

September 16, 2013 – Industry pays tribute to winners at Summit on Earth Observation as part of World Satellite Business Week

[European Space Imaging High-Res Challenge receives 33% more entries in 2013](#)

(23 Sept 2013, Munich) European Space Imaging (EUSI) High-Res Challenge submissions as part of the 2013 Copernicus Masters are up by one third making it a successful submission round in the 2nd year of the competition.

[EVOSS, an European project for volcano observation](#)

(August 2013) The European Volcano Observatory Space Services, (EVOSS) is an European Union science initiative, funded by the Seventh Framework Programme (FP7) and using the latest European earth observation data. EVOSS is a consortium of data providers, academic institutions and government bodies whose aim is to develop techniques allowing the monitoring of volcanic hazards on a global scale.

[Filling the Landsat-5 gap: DMCii in Position Magazine](#)

Until recently, the United States' Landsat-5 satellite was a key source of medium-resolution data for the Australian government, available through Geoscience Australia. That is, until imaging from the long depended upon satellite was suspended in 2011, and decommissioned in

January 2013.

[Flyby: Let's make energy intelligent!](#)

Discover [i-EM](#), the new Flyby's Business Unit fully dedicated to Intelligent Energy Management

[From the Corn Belt to Canada, RapidEye Completes Its North American Agricultural Imaging Campaign](#)

(Berlin, Germany, September 30, 2013) RapidEye announced today that its North American agricultural imaging campaign has been completed successfully. The campaign, which ran monthly from May 15, 2013 through September 14, 2013, generated more than 16 million km² of cloud-free imagery over 3 million km² spanning twenty-eight US states and three Canadian provinces.

[GISAT has successfully completed EO service demonstration project for the EIB](#)

The aim of the service case was to provide the European Investment Bank with the information on progress of large cement plant construction in Derba (Ethiopia) and to demonstrate the potential and benefits of EO technology within the context of infrastructure construction monitoring.

[Half Price Africa Satellite Imagery \[Limited Time Offer\]](#)

(September 19, 2013) For the first time ever, DMCii offer:*

All Africa Satellite Imagery for three consecutive years (2011-2013) * 22m multispectral satellite imagery for the whole African continent as a single fantastic dataset. * 50% price reduction until 20th December 2013 * Whole continent or individual countries.

Information Day on priority Space of the HORIZON2020

Information Day on HORIZON2020 Space will take place in Sofia on 16th of Oct 2013 in Sheraton Hotel.

KSAT processes NPP - VIIRS data

KSAT has now enabled the capacity to process the Visible and Infrared Imager (VIIRS) onboard the NPP meteorological satellite.

Polish-German Space Industry Symposium hosted by OHB System AG

On September 12, 2013 OHB System AG hosted the third day of the Polish-German Space Industry Symposium in Bremen. Marco Fuchs, CEO of OHB AG and OHB System AG, and Dr. Gerd Gruppe, a member of the Executive Board of the German Aerospace Center DLR, welcomed the Polish Delegation under the lead of Mrs. Otylia Trzaskalska-Stroinska, Director of the Department for Innovation and Industry, Ministry of Economy of Poland.

RapidEye Subscribes to AeroGRID WMS Aerial Imagery of Europe

AeroGRID is now supplying wide area aerial imagery of Europe via a WMS feed to satellite image provider RapidEye AG. The high resolution imagery covers 21 European countries over nearly 4 million km².

[RapidEye takes imagery to a higher level with Esri ArcGIS Premium Content Services](#)

Berlin, Germany, September 18, 2013 – RapidEye, a global leader in high-resolution wide-area satellite coverage is proud to announce their contribution to Esri's ArcGIS online platform. Users will now have access to RapidEye's newly launched premium content services including RapidEye Mosaics, RapidEye Living Image Multispectral, and RapidEye Living Image Basemaps.

[ReSAC helped the Bulgarian Ministry of Agriculture and Food implementing the LPIS Quality Assessment](#)

ReSAC experts successfully provided methodological support to the Ministry of Agriculture and Food in Bulgaria, with respect to the annual assessment of the Land Parcel Identification System (LPIS QA), as called by Article 6 of commission regulation 1122/2009. The positive impact of the correct performance of the quality procedure was an importance prerequisite for the sound analysis of the LPIS QA results.

[Satellite flood maps reach crisis teams via Internet](#)

(27 September 2013) Building on its use of satellites for

responding to disasters, ESA has helped to create a service that makes flood maps available simply via the Internet.

[ScanEX DRC news](#)

[SERTIT: New look!](#)

SERTIT's Rapid Mapping Service's Portal has been transformed! Discover our new [webpage](#)

[Spacetec News](#)

Additional contract with ESA for Sentinels DFEPs & Next generation telemetry receiver for the 26 GHz band to ESA

[Successful integration of the PAZ satellite by Astrium](#)

(17 September 2013) Astrium and Hisdesat have completed the production and integration process for the PAZ satellite in Madrid.

[Thales reinforces its share in leading Portuguese aerospace and defence provider](#)

Edisoft S.A. celebrates the beginning of a new era by moving its HQ to a new office in Paço de Arcos on the

western side of Lisbon. This new era was officially presented last July 17th in a ceremony held with the presence of the Secretary of State of National Defense, Mrs. Berta Cabral, the three chiefs of Staff (Navy, Army and Portuguese Air Forces) and Mr. Pierre Mathieu.

[Trimble news](#)

[Two Planetek's best practices for the smeSpire community](#)

The role of SMEs (small medium enterprises) can be more and more relevant in facilitating EU Member States fulfillments required by the EU INSPIRE Directive.

[Urban EO services demonstrated to ADB](#)

GISAT experts have supported ESA by participation at an Asian Development Bank (ADB) seminar on space technology and GIS hold in Manila, Philippines.

[Water quality and red tide monitoring along United Arab Emirates coasts](#)

The Coastal Water Attribute Monitoring using Satellite data (C-wams) project – funded by ESA under the Value Added Element (VAE) of the EO Envelope Programme – aims at implementing a suite of EO products and data services specifically targeting two growing sectors: Waste Water Treatment plants and Desalination plants.

[“Open landscape” partnership program: hitting the road](#)

(October 20 13) ScanEx, announced the launch of the innovation partnership program “Open Landscape”. The program will officially start on October 1, 20 13. Founding members of the “Open Landscape” program include: ScanEx Research and Development Center and NGO “Transparent World” together with the World Bank, the World Resources Institute, members of the Global Forest Watch 2.0 and the Global Tiger Initiative. The program is supported by DigitalGlobe, NASA, and other satellite imagery data providers.

Earth Observation News

[ESA and World Bank expand collaboration of EO for international development projects](#)

The European Space Agency (ESA) and the World Bank have been collaborating under the umbrella of the “Earth Observation for Development” initiative – branded eoworld – since 2008. In 20 13 ESA and the World Bank have entered into a new phase of collaboration for a further 3 years to place greater emphasis on mainstreaming EO information into World Bank operational activities.

[ESA explore potential collaboration with Asian Development Bank](#)

ESA was invited to visit the Asian Development (ADB) on 13+14 June, to promote awareness of European EO capabilities and discuss potential collaboration. The ADB expressed an interest in knowing more about what Europe could offer in the domains of

Ecosystems/Agriculture, Forestry/Mining, Urban, GeoHazards/Risks, Maritime Surveillance, Climate Resilience & Proofing.

[Philippines produces 3D hazard map for floods](#)

(26 September 2013) In the context of its climate change adaptation efforts, the Philippine government has begun producing 3D flood hazard maps to help make better planning decisions about flood risks, as trust.org reported.

[6th Edition of the high-level Conference on EU Space Policy](#)

The start of the European Union's Multiannual Financial Framework for the years 2014-2020 is the perfect time to examine the future of the European Union in Space.

[AIDF Food Security Summit: Asia 2013](#)

AIDF Food Security Summit: Asia 2013 is hosted by UN ESCAP (UN Economic and Social Commission for Asia and the Pacific) in Bangkok, Thailand on the 26-27 November 2013.

[Astrium Contract Boosts Kazakhstan's Satellite Efforts](#)

By Peter B. de Selding | Oct. 4, 2013. BEIJING — The Kazakh government is on track to leverage its contract

with Astrium of Europe into an ability to build and operate optical Earth observation satellites, according to the company managing the work.

[CEOI Challenge Workshop discusses UK interests in future Earth Observation satellite missions.](#)

(September 20 13) In the last 6 years, the CEOI has held a range of workshops and round tables meetings with the space community and assembled a portfolio of Earth Observation missions that the UK would like to be involved in. Over that period, ESA programme policy and future mission flight opportunities have evolved, making it timely to revisit this portfolio.

[Com Dev to supply TT&C units to SSTL for Formosat-7 weather satellites](#)

(7 October 2013) Com Dev Europe has been selected to provide the Telemetry, Tracking and Command (TT&C) Transponder equipment to Surrey Satellite Technology Ltd (SSTL) for the first six spacecraft in the Formosat-7 global weather forecasting programme.

[COPERNICUS OBSERVER Newsletter #October 2013](#)

[Defence and Intelligence Survey](#)

Survey reveals that 66% of defence and government organisations plan to upgrade their GIS technology by

[Defence Geospatial Intelligence \(DGI\) 2014 meeting](#)

800+ defence and intelligence professionals will be attending the Defence Geospatial Intelligence (DGI) 2014 meeting, taking place in London, 21-23 January. They will be learning from the best in the community, meeting cutting edge solution providers, networking with their peers and benchmarking against the world's most progressive defence organisations.

[DigitalGlobe](#)

[2013 LEAD Webinar Series](#)

[DLR to be first user of Earth sensing platform MUSES on ISS](#)

On 1 October 2013, Teledyne Brown Engineering, Inc., subsidiary of Teledyne Technologies Incorporated, and the German Aerospace Center (Deutsches Zentrum für Luft- und Raumfahrt; DLR) signed a memorandum of agreement to develop an instrument for the Multi-User System for Earth Sensing (MUSES), which will be mounted on the International Space Station (ISS).

[ESA set to Swarm over magnetic field](#)

(October 08) The European Space Agency is in the countdown phase to one of the highlights of its scientific

year: the launch of its three-spacecraft Swarm mission to study the Earth's magnetic field in unprecedented detail.

[ESA's Swarm Earth Explorer constellation readied for November launch!](#)

The European Space Agency (ESA) magnetic field mission Swarm is being prepared for a November launch from Plesetsk cosmodrome. The Swarm mission comprises a three satellite constellation, and is unique within ESA's growing in orbit fleet of Earth Explorer missions (GOCE, SMOS and CryoSat satellites presently in operation).

[European Space Solutions](#)

Discover what space brings to your life, 5-7 November, Munich

[Geospatial World Forum](#)

05-09 MAY 2014, Geneva, Switzerland.

[GOCE completes its mission](#)

(10 October 2013) After nearly tripling its planned lifetime, the Gravity field and steady-state Ocean Circulation Explorer – GOCE – is nearing its end of mission and will soon reenter our atmosphere.

[Haiti: New geoportal for spatial and environmental data launched](#)

After four years of field research and analytic support provided to the Republic of Haiti and multiple partners there, the Center for International Earth Science Information Network (CIESIN) has launched the [Haiti GeoPortal](#), as [CIESIN reported on their website](#)

[Harmful Algal Bloom Forecast Wins Copernicus Masters Best Service Challenge](#)

The online audience of the Copernicus Masters website has voted HAB Forecast – Harmful Algal Bloom Forecast this year’s most beneficial Earth-monitoring service for European citizens. The service provides a weekly alert primarily dedicated to fish farmers and regulators via [web bulletin](#)

[Harris helps NOAA satellite operators prepare for next-generation GOES-R satellites](#)

(30 September 2013) Harris Corporation has delivered a system that will help prepare National Oceanic and Atmospheric Administration (NOAA) satellite operators for the new Geostationary Operational Environmental Satellite – R (GOES-R) Series weather satellites.

[I2BF backs Dauria Aerospace with \\$20m](#)

I2BF Global Ventures has supplied Dauria Aerospace, a Russian satellite manufacturer and services provider, with \$20m for its series-B funding round.

Mitigating the impacts of floods with satellites

(September 20 13) CGIAR Research Programs on Water, Land & Ecosystems (WLE) and Climate Change Agriculture and Food Security (CCAFS) are conducting a project focusing on flood impact mitigation using geospatial flood inundation mapping.

Open landscape partnership platform

In support of high-resolution satellite data application by environmental education organizations the Open Landscape Partnership Platform (www.openlandscape.info) is planned to be launched at the end of 2013. This was announced on October 1 at the 6th International Conference “Earth from Space – the Most Effective Solutions”.

Remote Sensing Technologies and Global Markets

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Satellite-Based Earth Observation Growth to Be Driven by Commercial Vertical Markets

WILMINGTON, DE and LONDON, UNITED KINGDOM—(Marketwired – Oct 1, 2013) – NSR’s Global Satellite-Based Earth Observation (EO), 5th Edition

report, released today, projects satellite-based EO revenues from Data, Processing and Information Products will reach \$6 billion in the coming ten years, up from \$2.2 billion in 2012.

Shoestring start-up aims for infinity and beyond

A Scottish space technology start-up firm financed on “credit cards and pub gigs” is in line for two major European awards for its work on Earth observation and GPS technology.

South Korea—Signal Successes For South Korea Satellite (Launch)

(August 2013) South Korea’s new multipurpose satellite sent beacon signals to a ground station in Antarctica after its launch from Yasny, Russia, on Thursday, indicating that the satellite successfully reached its target altitude and orbit, officials have said.

The Geo-Green revolution

(Sept 2013 – <http://geospatialworld.net/>) From determining land-use and crop patterns to optimising resources, automated farming to use of UAVs, technological advances could change the face of agriculture, which is under tremendous pressure given the growing population, urbanisation and climate change

The Small Satellite Revolution: More Earth

Observations at a Lower Cost

(17 September 2013 by Matt Ball) While there has been much discussion about an explosion of earth observation satellites over the next few decades, much of that has centered around developing countries starting their own programs or existing countries adding to their capacity. New developments with smaller and cheaper satellites are now promising a surge of commercial space-based imagery platforms at a global scale.

Programmes

China launches satellite to monitor natural disaster

(September 30, 2013) A satellite for natural disaster monitoring was successfully launched into orbit at 12:37 p.m. Wednesday, China's Jiuquan Satellite Launch Center has announced.

Climate and energy targets – EU largely on track but mixed picture across Member States

European Union Member States are showing mixed progress towards three climate and energy targets for 2020, even though the EU as a whole could reduce greenhouse gases emissions by 21% in 2020 with the set of national measures already adopted. These findings come from new European Environment Agency (EEA) assessments.

ESA EO publishes Request for Information for Thematic Exploitation Platforms

(September 20 13) ESA's Directorate of Earth Observation Programmes (D-EOP) has opened a Request For Information (RFI) directed at collecting ideas for the implementation of some Thematic Exploitation Platforms (TEPs) as part of the evolution of the Payload Data Ground Segment (PDGS) operations concept.

[Federal Space Agency hopes to get permission to distribute satellite imagery](#)

Roscosmos has prepared proposals for the Ministry of Defense, the meaning of which is to ensure that restrictions on the distribution of satellite data at resolution of less than 0.5 meters from the Russian civilian satellites are lifted.

[Gambia: In-Country Capacity Building Workshop On Earth Observation Technologies Underway](#)

(09 October 20 13) A five-day in-country capacity building workshop on practical application of earth observation technologies for agricultural development, kick-started on Monday at the Kairaba Beach Hotel.

[German Imagery Policy Sets No Hard Limits on Resolution](#)

(By Peter B. de Selding | Oct. 11, 20 13 © SpaceNews)
PARIS — The German government has put into place a two-step regulatory regime for commercial satellite imagery that subjects proposed sales of the most sensitive data to approval on a case-by-case basis, the German Aerospace Center, DLR, said Oct. 11.

[GOCE completes its mission](#)

(10 October 2013) After nearly tripling its planned lifetime, the Gravity field and steady-state Ocean Circulation Explorer – GOCE – is nearing its end of mission and will soon reenter our atmosphere.

[Google: Mapping climate change in Google Earth](#)

(Sep 30 2013) MyReadingMapped is a website providing interactive maps on historic events and other interesting facts using Google Earth, for example shipwrecks locations, environmental disasters or oceanic trenches and underwater phenomena.

[Horizon 2020 Space Learn »» Prepare »» Succeed Recibidos](#)

Horizon 2020 is coming, bringing new topics and rules for space research. COSMOS, the European Network of National Contact Points for Space, offers you the chance to receive authoritative information and excellent networking opportunities to prepare for Space in Horizon 2020.

[India and US to launch joint weather satellite](#)

(October 2013) The Indian Space Research Organisation (ISRO) and the United States National Aeronautics and Space Administration (NASA) will jointly build and launch an all-weather satellite to support disaster and risk

management, understanding movement of tectonic plates to climate change and estimation of crop and tree cover, as reported the [Deccan Chronicle](#)

[IPCC climate report: Humans 'dominant cause' of warming](#)

(September 20 13) A landmark report says scientists are 95% certain that humans are the “dominant cause” of global warming since the 1950s.

[Pakistan—Preparing For Their First EO Craft \(Satellite\)](#)

(September 23rd, 20 13) [SatNews] Federal Minister for Planning, Development and Reforms Ahsan Iqbal has said that Pakistan’s first Remote Sensing Satellite System (RSSS) will be launched soon to meet the national and international user requirements in the field of satellite imagery.

[SA space agency to offer children a different view of Earth](#)

Sansa will debut satellite imagery tools called mini Fundisa, which aim to launch schoolchildren “into the world of geospatial information”.

[Satellite imagery goldmine to developing countries](#)

(September 20 13 by Cécile Barbière for EurActiv.fr in

Paris) Backed by EU funding, satellite data is increasingly used to monitor urban development and natural resource use in developing countries, EurActiv France reports.

[Work Underway in Germany on Radar Satellite with 25-centimeter Resolution](#)

(SpaceNews, By Peter B. de Selding | Sep. 24, 2013)
BEIJING — Even as the U.S. and French governments debate whether to permit the commercial sale of optical Earth observation imagery sharper than 50 centimeters in resolution, Astrium Geo-Information Services of Germany is designing a next-generation radar satellite with a 25-centimeter ground sampling distance, an Astrium official said here Sept. 24.

Events

[Events Autumn 2013](#)

Events Autumn 2013

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