



NOTAT

Emne	Sak 48_16 - Copernicus – tilgang til ortofoto for kvalitetsheving
Til	Geovekst-forum
Fra	Geovekst-sekretariatet
Dato	31.8.2016
Kopi til	

Bakgrunn

Kartverket har mottatt en henvendelse fra Copernicus-programmet (se mail under) om tilgang til ortofoto for å bedre kvalitet/nøyaktighet på programmets satellittdata. Copernicus' behov vil nok i stor grad være dekket gjennom ortofoto fra omløps-programmet, men det kan også være ønske om tilgang til ortofoto fra Geovekst.

Jon Arne Trollvik vil komme og fortelle litt mer om Copernicus-programmet og hva ortofotoene er tenkt brukt til.

Deretter får Geovekst-forum gjøre seg opp en mening om hvordan vi skal forholde oss til henvendelse.

Mail datert 14. juli 2016

Dear Sir/Madam,

I am a member of the team working in the Copernicus Reference Data Access (CORDA) Operational Activity.

Copernicus is the European Programme for the establishment of a European capacity for Earth Observation. Copernicus programme addresses six main thematic areas:

- *Land Monitoring*
- *Marine Monitoring*
- *Atmosphere Monitoring*
- *Emergency Management*
- *Security*
- *Climate Change*

In line with its data and information policy, the Copernicus programme provides users with free, full and open access to environmental data.

The Copernicus data sources are Earth observation Satellites and in situ sensors such as ground stations, airborne and sea-borne sensors. There is a special type of in-situ data: "Geospatial Reference Data" whose origin are the national and regional authorities and that should be free-of-charge and digitally available. These data are needed by the Copernicus Service Providers to the creation, verification and validation of information products and services derived from satellite images.

As the programme based on the partnership between the European Union and Member states, Copernicus is built using European and national capacities maintaining close dialogue with the Member states owning relevant space and in situ assets (see Copernicus Regulation No 377/2014 from 3 April 2014).

The Copernicus Service Providers are consortia organisations selected by the European Commission, coming from both the public and private sectors across Europe, who are in charge of providing products and services to give coverage to the six mentioned thematic areas. They support a wide range of applications, including: environment protection, management of urban areas, regional and local planning, agriculture, forestry, fisheries, health, transport, climate change, sustainable development, civil protection and tourism. The result of their work are free and open access products.

In order to incorporate effectively the “Geospatial Reference Data” into Copernicus Platform, an Operational Activity is being developed to provide a single entry-point node for all these Spatial Data Services (SDS). Its known by the acronym CORDA and it is accessible at <https://corda.eea.europa.eu>. This node offers to the Copernicus Service Providers an index of URLs that point to the mentioned, free-of-charge national and regional, geospatial reference data digitally available, placed at providers’ servers. If offered data are authenticated, a proxy system to hide the authentication parameters and avoid its misused has been implemented.

European Environment Agency, as coordinating body:

a) ensures that only authorised users, namely Copernicus Service Providers, are given access to the node (CORDA).

b) establishes contact with the national and regional data providers and signs the data access arrangements, if necessary.

Orthoimagery INSPIRE theme is among the scope of this Operational Activity.

We have found that Kartverket has published “Digitale ortofoto” which is a very interesting source of data in the development of task of Copernicus Service Providers. Could it be possible to achieve an agreement to get access, for its use by Copernicus Service Providers in the development of their tasks, to the WMS and the download option of the mentioned Dataset?

Thank you very much for your attention, please do not hesitate to let me know about any doubt or clarification needed.

Kindest regards,

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