

Connection to 'Dataforsyningen' via WMS server

SP Net info 100

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Latest revision:

Besides this Net Info you find a guide on how to get access to WMS servers in SoundPLAN Manager > Help > Update news in Version 8.0 (Update Letter 8.0, July 2017 page 18 – 23).

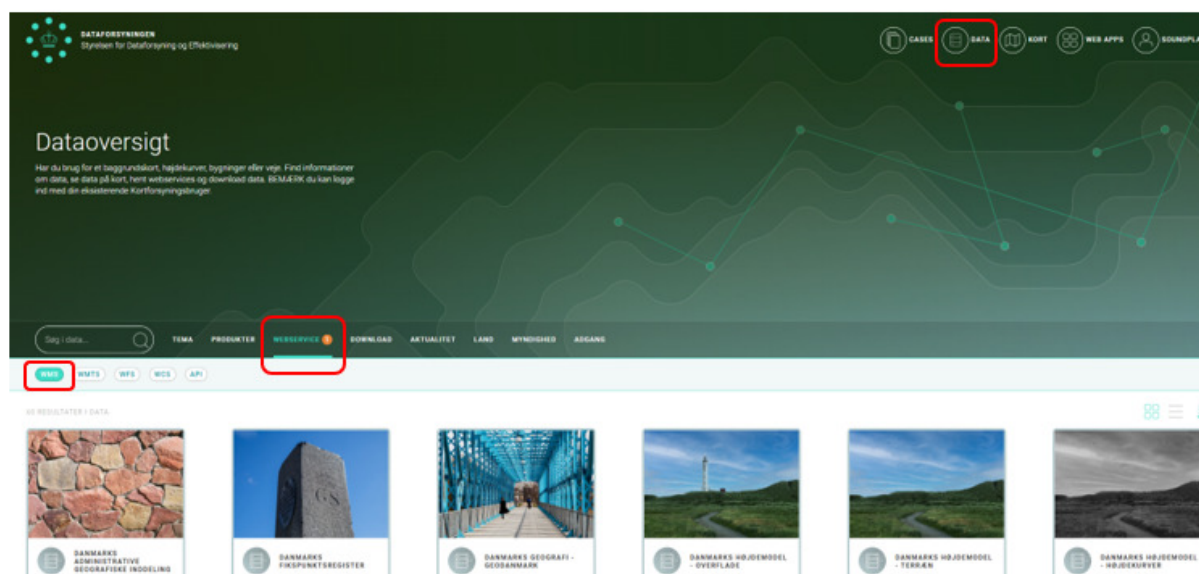
This guide is focusing on how to get arial photo (luftfoto/ortofoto) from 'Dataforsyningen'. Besides arial photos this service offers an extended series of other products, e. g. cadastral maps.

Access to WMS servers requires the module Cartography is in place in SoundPLAN 8.0 or younger.

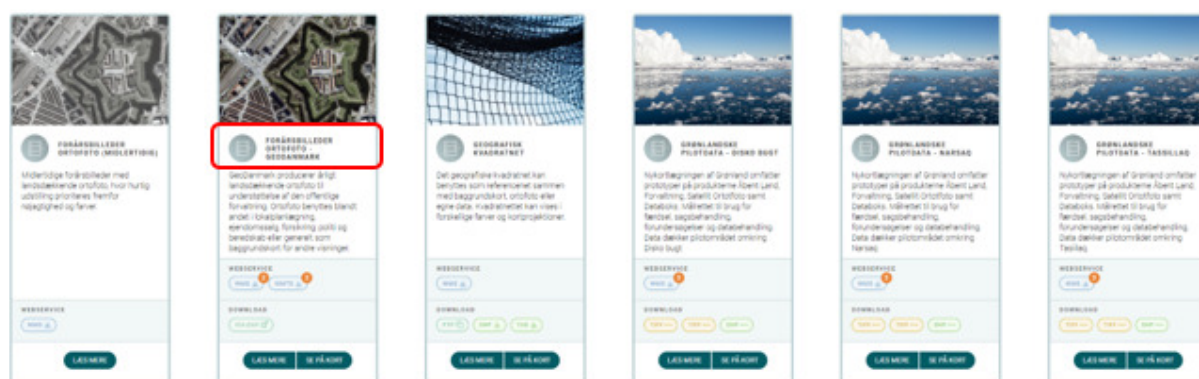
First step is to log in on the website of 'Dataforsyningen' (first time user, see Net Info 98):

<https://dataforsyningen.dk/>

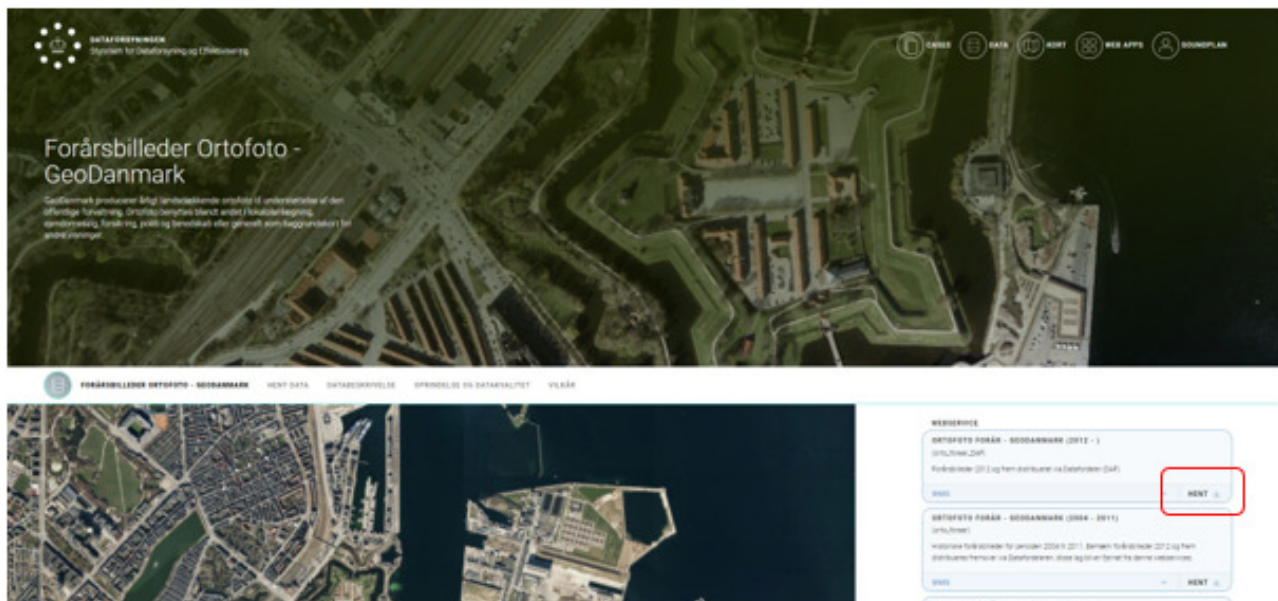
Click Data > Webservice > WMS to get an overview of available data/maps on this WMS server:



Now pick the relevant product, e. g. 'FORÅRSBILLEDER ORTOFOTO – GEODANMARK':



In the 'WEBSERVICE' window click 'HENT' (remember to pick the youngest data (from 2012 -)):



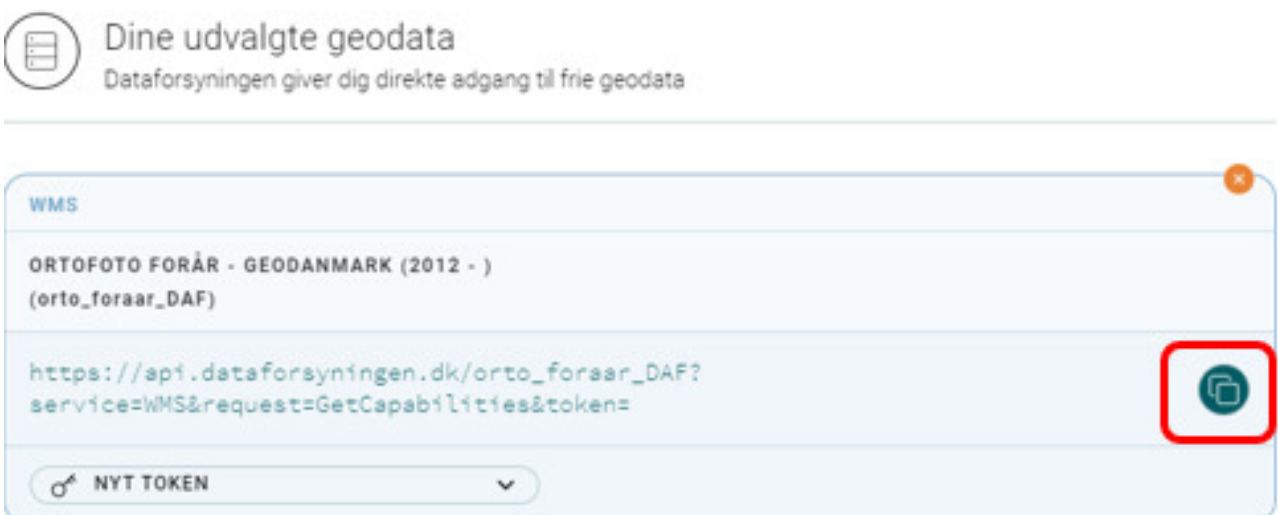
Click 'DIN DATASAMLING' in the lower right corner (might be hidden behind a message about cookies), which now shows a yellow circle with the figure 1:



Create a token and copy the URL to the clipboard with this button:

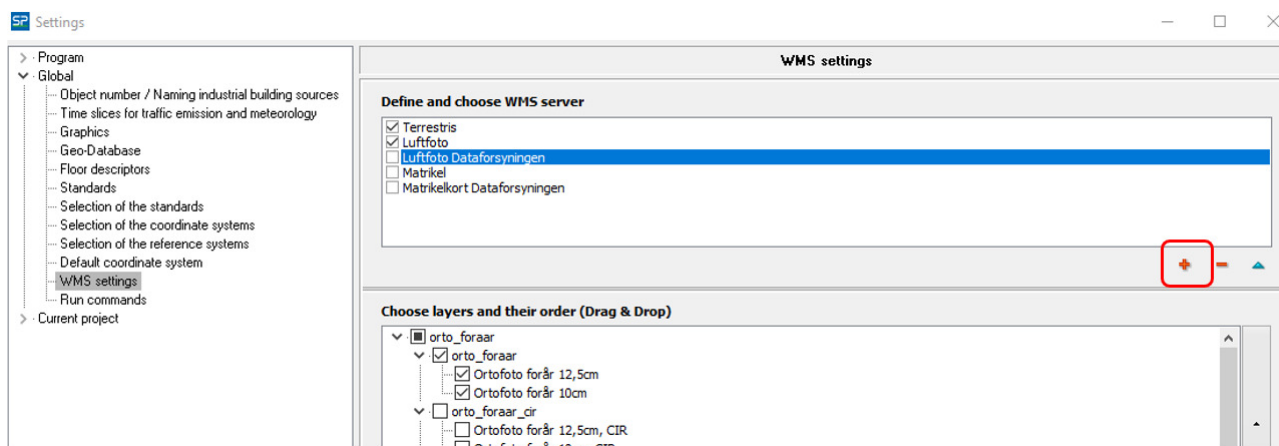


The text 'kopieret til udklippsfolderen' will pop up.

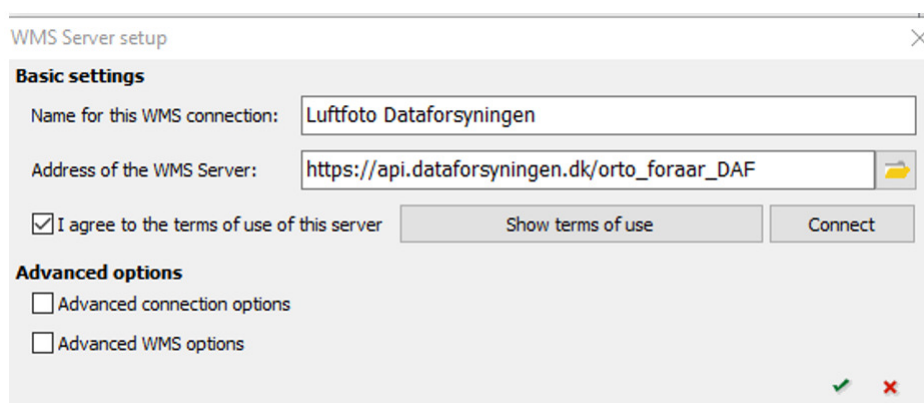


Now it is time to launch SoundPLAN. If you prepare the WMS settings under Settings > Global, the settings will be default for all future projects. If you want to make use of WMS service in current project, go to Fundamentals in GeoDatabase.

Click the red '+' to create a new WMS entry:



Name the connection, e. g. 'Luftfoto Dataforsyningen' and insert the URL with Ctrl+v in the field: 'Address of the WMS Server':

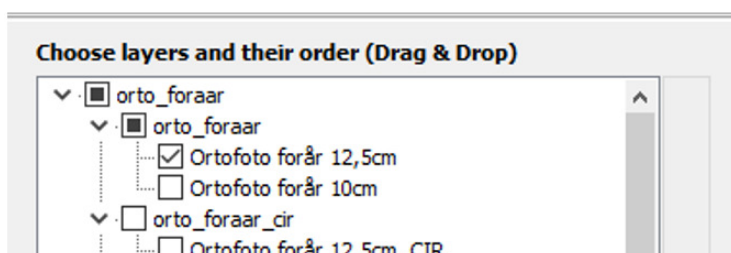


Agree to the terms and click 'Connect'; close the window with the green check mark



In GeoDatabase the background map can now be selected instead of 'No bitmap selected' (the loaded situation must include objects and a coordinate system (usually EPSG code 25832) must be defined).

Most maps from WMS services contain multiple layers. Pick a relevant layer, here 'Ortofoto forår 12,5cm'.



Cadastral maps ('matrikelkort') as the example below can be found under 'Jordstykke':

WMS settings

Define and choose WMS server

- ☒ Terrestriis
- ☒ Luftfoto
- ☐ Matrikel
- ☐ Luftfoto Dataforsyningen
- ☐ Matrikelkort Dataforsyningen

Choose layers and their order (Drag & Drop)

- ☐ Fredskovsline, foreløbig
- ☐ Fredskovsline under tilblivelse
- ☐ Fredskovsline, gældende
- ☐ Klitfredningsline, foreløbig
- ☐ Klitfredningsline, gældende
- ☐ Strandbeskyttelsesline, foreløbig
- ☐ Strandbeskyttelsesline, gældende
- ☐ Nyoprettet jordstykke, foreløbig
- ☐ Ændring af jordstykke, foreløbig
- ☐ Jordstykke udgår, foreløbig
- ☐ Jordstykke, foreløbig
- ☒ Jordstykke, gældende
- ☐ Lodflade, foreløbig
- ☐ Lodflade, gældende
- ☐ StrandbeskyttelseFlade, foreløbig
- ☐ StrandbeskyttelseFlade, gældende
- ☐ KlitfredningFlade, foreløbig
- ☐ KlitfredningFlade, gældende
- ☐ FredskovFlade, foreløbig
- ☐ FredskovFlade, gældende

Close
Help



Connection to Plandata/Plansystem

(Our experience with Plandata is that response time is inconveniently long).

A connection to Plansystem does not require a log in. All you need to do is to copy the URL below into the Address box, accept the terms and hit Connect. You find a guide here:

https://planinfo.erhvervsstyrelsen.dk/sites/default/files/media/publikation/vejledning_webservices_v.1.0.1.pdf

URL:

<https://geoserver.plandata.dk/geoserver/wms?servicename=wms&request=getcapabilities&service=wms>

WMS Server setup

Basic settings

Name for this WMS connection: Plansystem

Address of the WMS Server: https://geoserver.plandata.dk/geoserver/wms

☒ I agree to the terms of use of this server Show terms of use Connect

Advanced options

☒ Advanced connection options

☒ Advanced WMS options

Authentication settings

☐ No password

☐ Username / password

☒ Link contains keyword

Link contains keyword

Given link: servicename=wms

Extract keyword

Proxy settings

☒ Do not use proxy server

☐ Use SoundPLAN global proxy settings

No proxy used.

☐ Use WMS proxy settings

Address: Port:

Login name: Password:

Coordinate systems of the WMS server

Select coordinate system: EPSG:3044

☐ Do not automatically choose new coordinate system

Coordinate system: TMzn-Europe Pan-European Transverse Mercator (UTM)

Reference system: ETRS89 (EU), geocentric, GRS80

Stripe / zone: 32

Hint: The transformation between coordinate systems might lead to distortions.

Error handling

☐ Color not received / unreadable areas red

☒ Check if requested area is within the server's parameters

Graphics quality

Quality of saved WMS images: Full Quality (32bit)

☒ Maximum bitmap size per request [px]: 2073600

With resolution 4/3 => 1920 * 1080 pixels

With resolution 16/9 => 2560 * 810 pixels

✓ ✗

Now you can tick for relevant layers, e. g. 'Lokalplan':

