

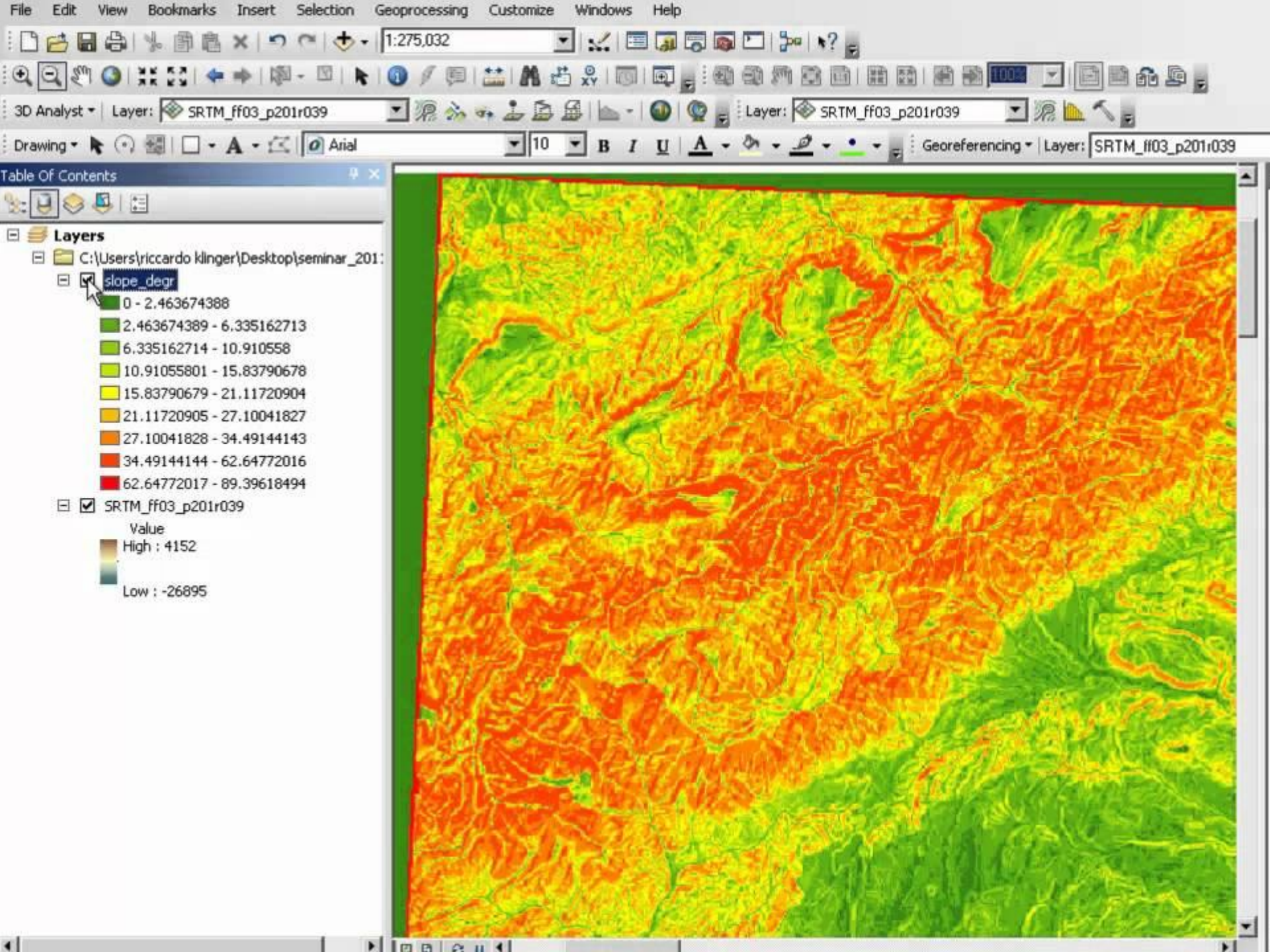
Helsingborg

An aerial photograph of Helsingborg, Sweden, showcasing a blend of old and new architecture. The foreground features a waterfront area with a large shipyard, a harbor with several boats, and a modern residential and commercial development with green-roofed buildings. The middle ground shows a dense urban area with a mix of traditional European-style buildings and more modern structures. In the background, a large, distinctive building with a curved, ribbed facade is visible, along with a river or canal winding through the city. The overall scene is a vibrant mix of urban development and natural elements.

Anders.jurisoo@helsingborg.se

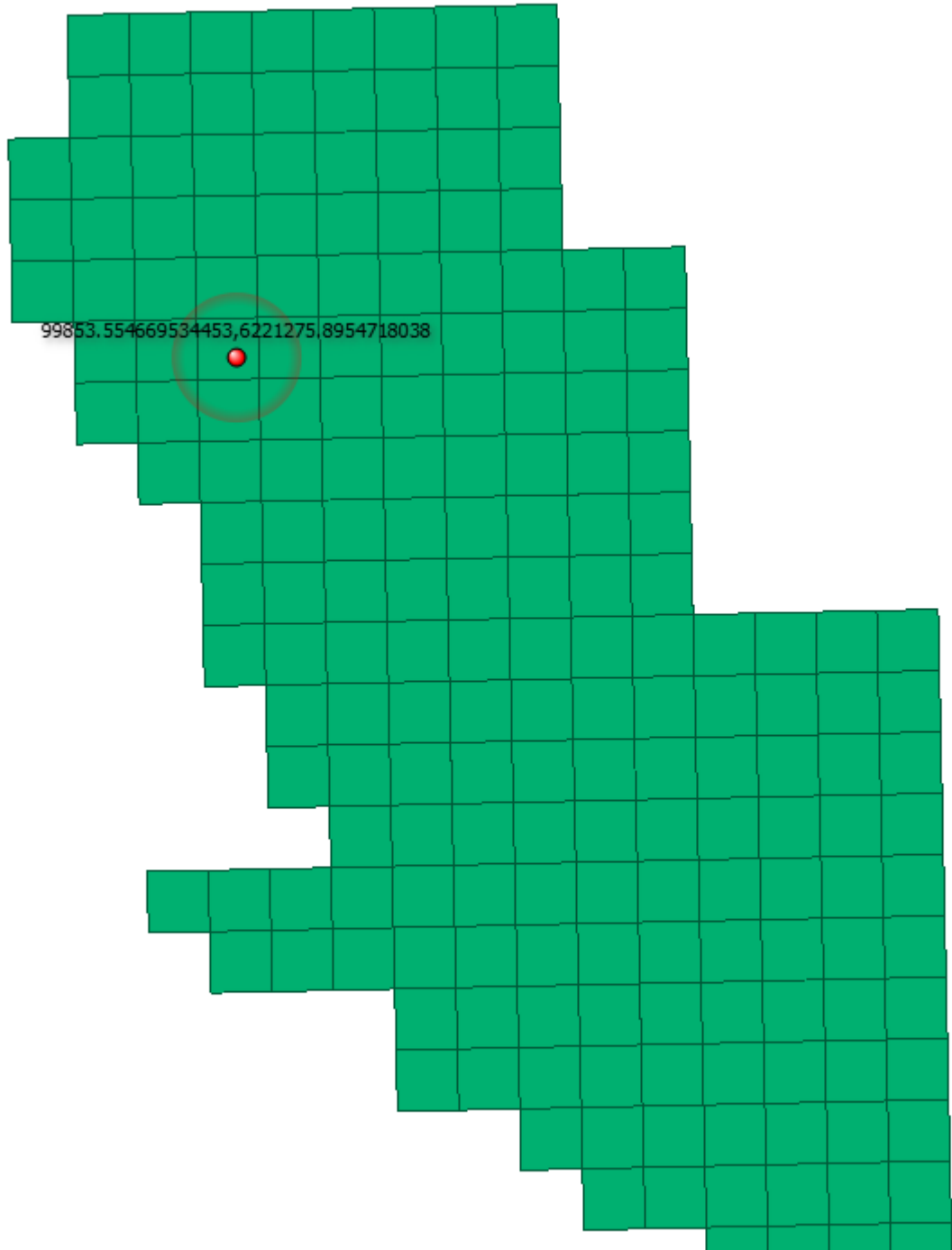
Agenda

- Hur hantera stora dataset?
- Solkarta
- Bullerkarta



Indata solkarta





99853.554669534453,6221275,8954718038

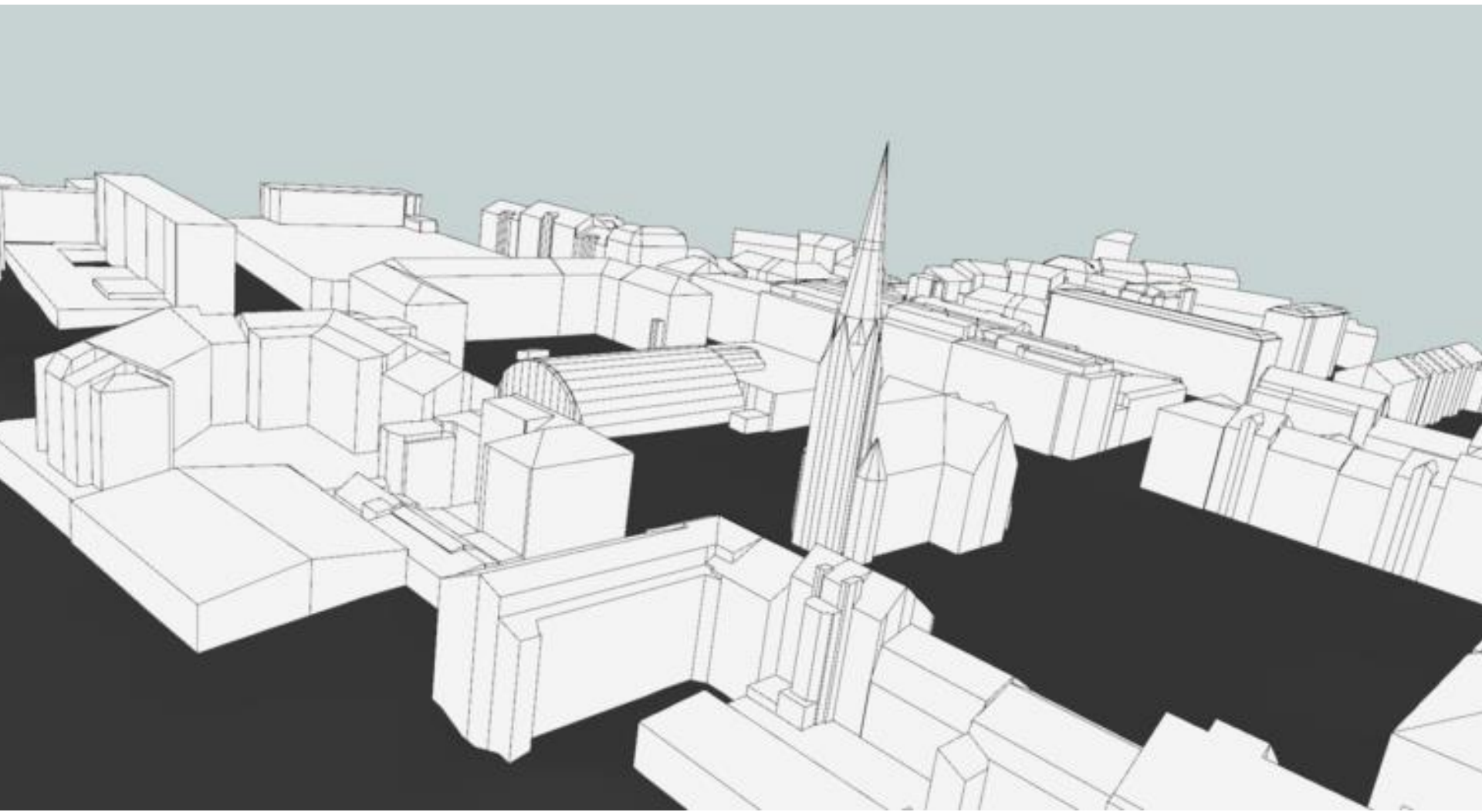
3.2 Filuppsättning och innehåll

Exempel på filformatet ASCII-tabell:

```
500000,1 6686282,2 196,30
500000,1 6604211,5 87,98
500000,2 6633001,2 176,18
500000,2 6698527,8 290,90
500000,2 6616557,0 201,08
500000,2 6682183,7 167,60
500000,3 6678085,1 171,50
500000,3 6637099,7 152,88
500000,4 6620655,6 246,88
500000,4 6608310,0 99,38
500000,4 6673986,6 155,00
500000,4 6694429,3 341,80
500000,4 6641198,3 276,38
```



- Digital Surface Model
- Digital Terrain Model





A

B

C

D

Solar radiation arctoolbox

- 1x1 km tog 45 minuter
- Hur lång tid skulle det ta för hela kommunen?

Räkneexempel

- $45 \text{ min} * 950 = 42750 \text{ min} = 30 \text{ dygn}$



Solkartan



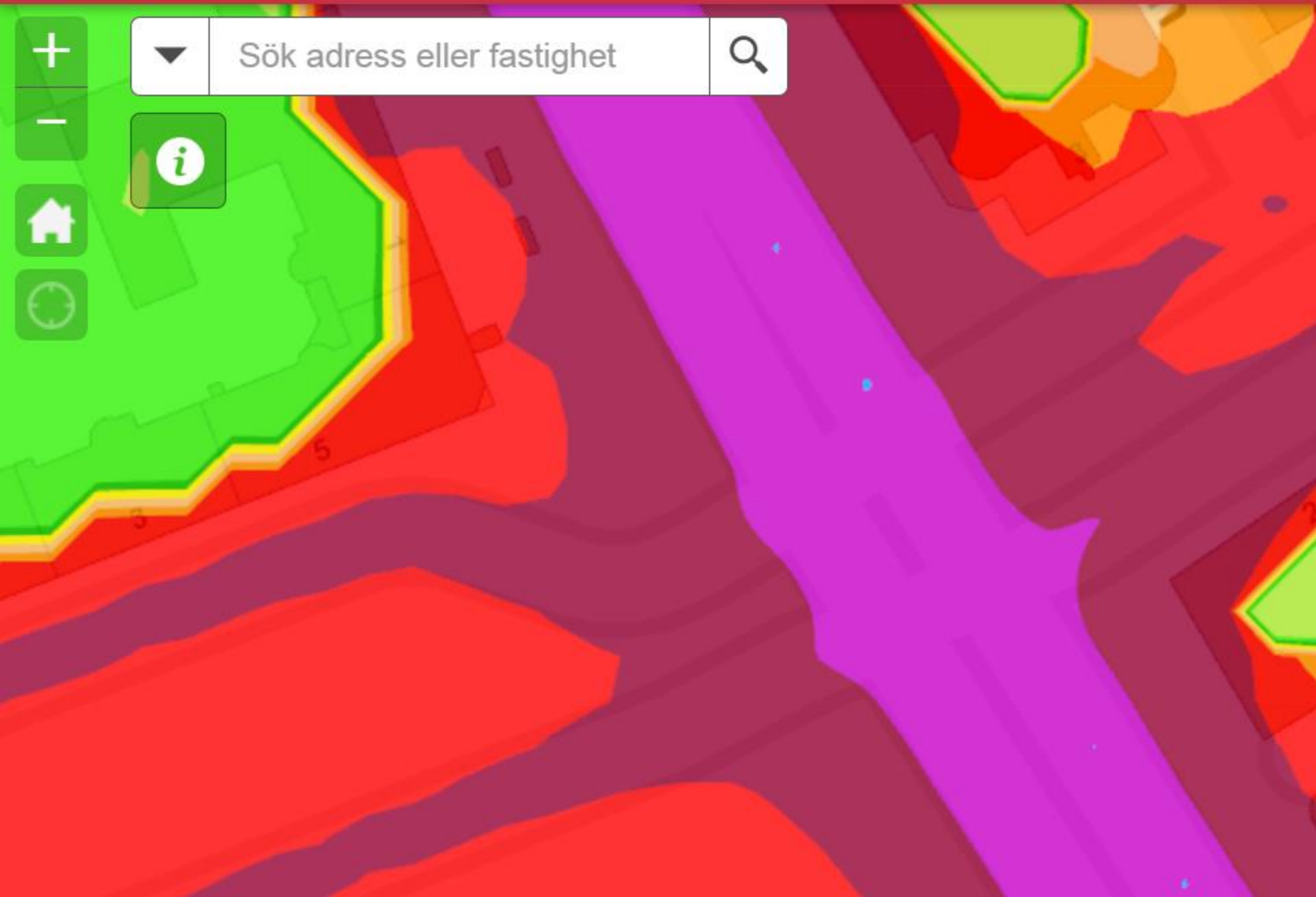
- +
-
- Home icon
- Refresh icon

▼ Sök efter adress eller plats 🔍

- Measure icon
- Grid icon
- Info icon (i)

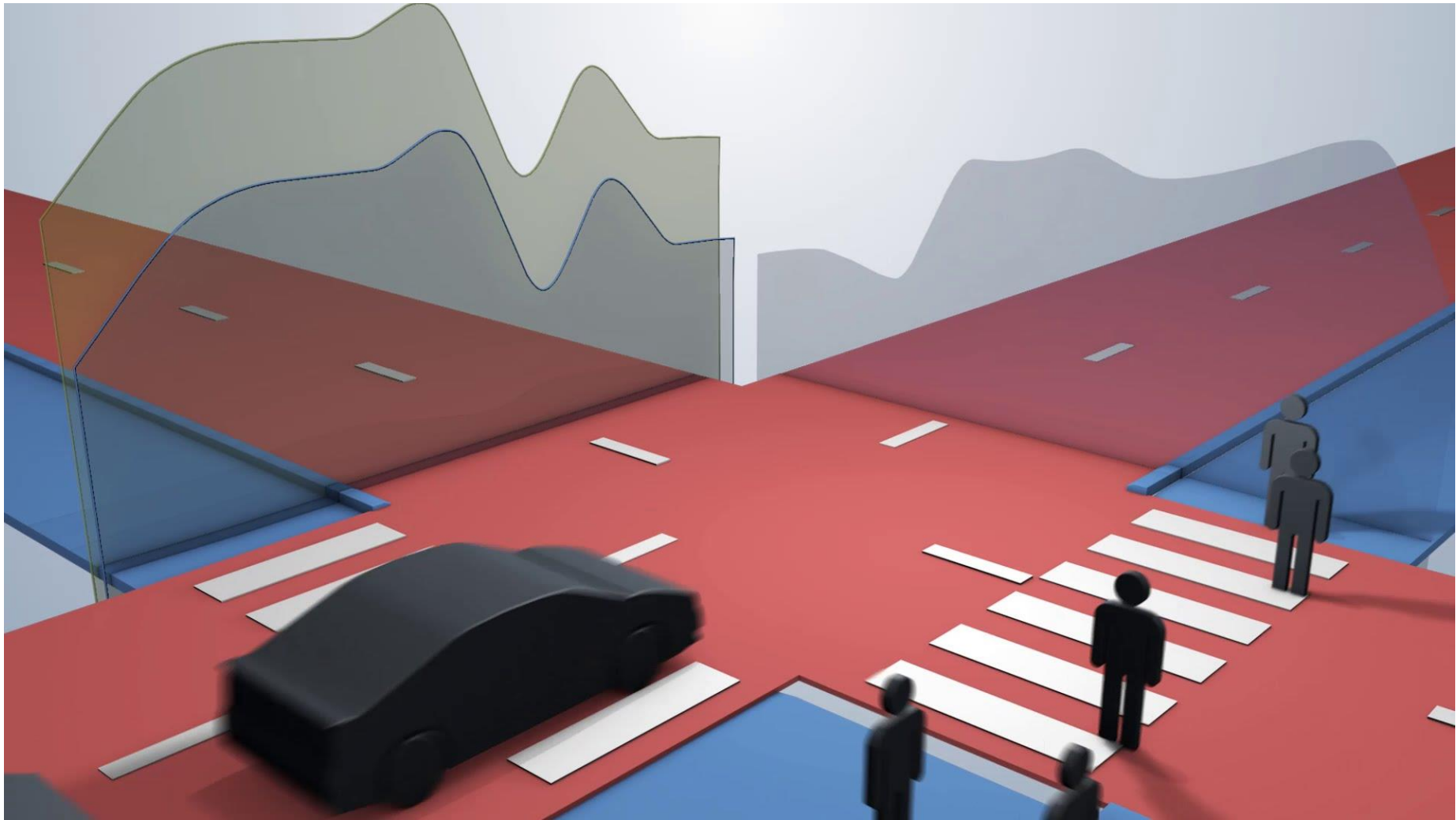


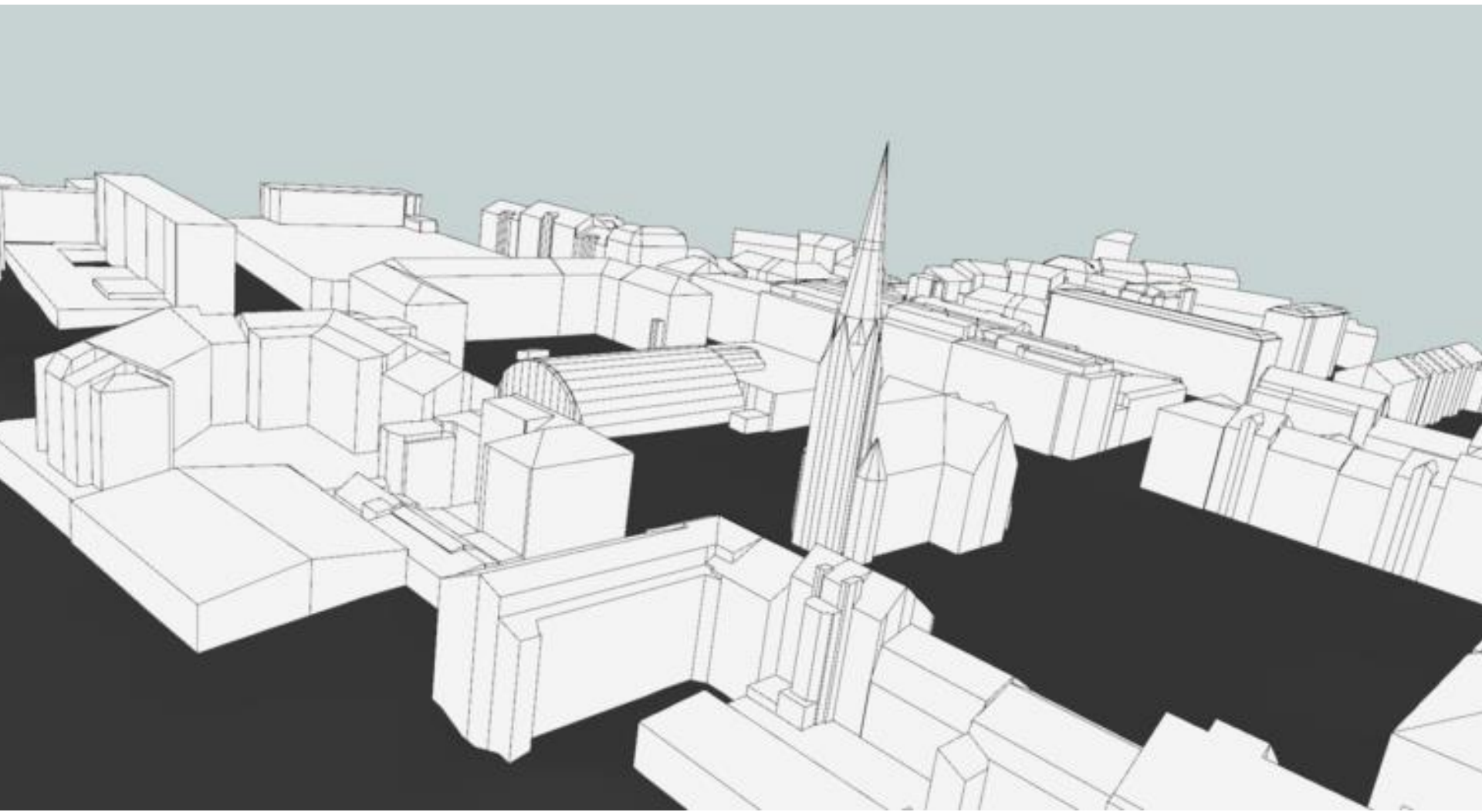
Sök adress eller fastighet



Indata bullerkarta





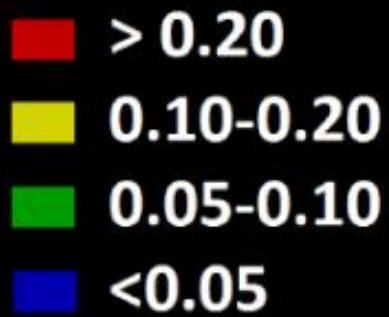































[m]

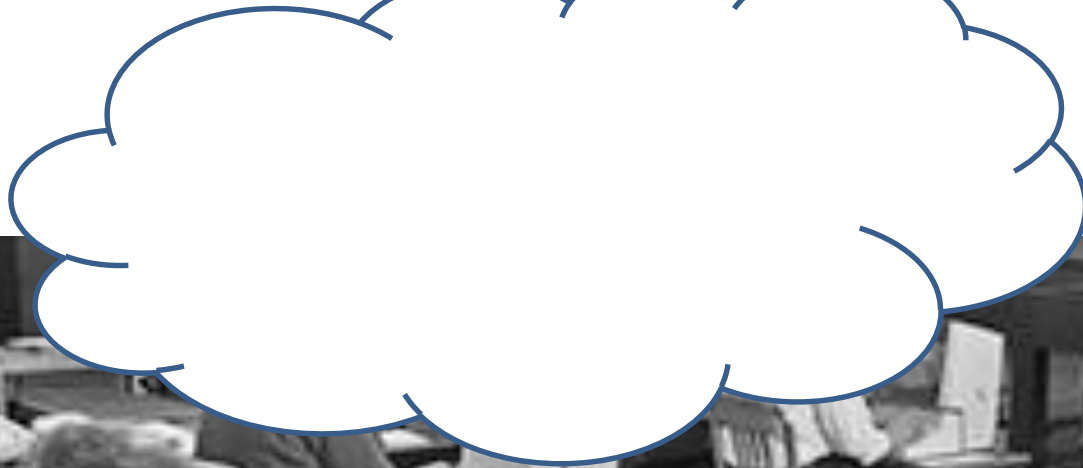


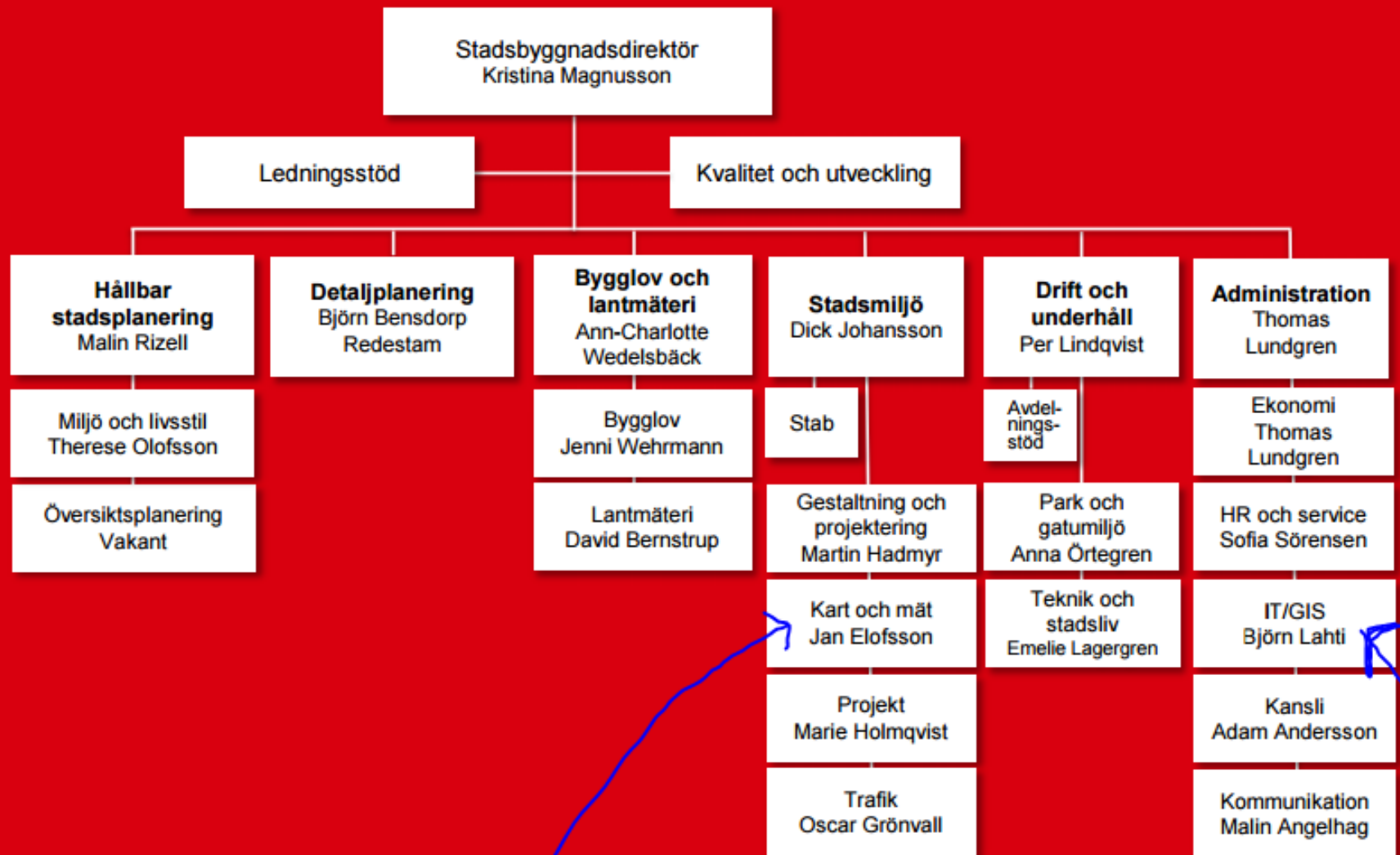
Namn	Storlek	Senast ändrad	Typ
 6216_99.las	637 129 kB	2017-01-20 21:47	AutoCAD Layer St...
 6206_107.las	633 489 kB	2017-01-21 00:29	AutoCAD Layer St...
 6222_95.las	615 652 kB	2017-01-20 20:12	AutoCAD Layer St...
 6223_97.las	597 511 kB	2017-01-20 19:50	AutoCAD Layer St...
 6228_105.las	585 892 kB	2017-01-20 18:50	AutoCAD Layer St...
 6222_94.las	560 620 kB	2017-01-20 20:13	AutoCAD Layer St...
 6218_102.las	553 935 kB	2017-01-20 21:26	AutoCAD Layer St...
 6227_100.las	521 829 kB	2017-01-20 19:07	AutoCAD Layer St...
 6229_107.las	516 940 kB	2017-01-20 18:41	AutoCAD Layer St...
 6224_98.las	497 904 kB	2017-01-20 19:33	AutoCAD Layer St...
 6228_106.las	495 807 kB	2017-01-20 18:49	AutoCAD Layer St...
 6205_105.las	494 168 kB	2017-01-21 00:49	AutoCAD Layer St...
 6225_100.las	490 073 kB	2017-01-20 19:30	AutoCAD Layer St...
 6207_109.las	489 891 kB	2017-01-21 00:12	AutoCAD Layer St...
 6207_108.las	487 354 kB	2017-01-21 00:14	AutoCAD Layer St...
 6223_96.las	474 442 kB	2017-01-20 19:51	AutoCAD Layer St...
 6208_111.las	473 498 kB	2017-01-20 23:55	AutoCAD Layer St...
 6225_102.las	473 449 kB	2017-01-20 19:27	AutoCAD Layer St...
 6226_102.las	472 581 kB	2017-01-20 19:14	AutoCAD Layer St...
 6227_103.las	466 615 kB	2017-01-20 19:03	AutoCAD Layer St...
 6204_104.las	462 095 kB	2017-01-21 01:06	AutoCAD Layer St...
 6227_104.las	458 699 kB	2017-01-20 19:00	AutoCAD Layer St...
 6205_106.las	455 570 kB	2017-01-21 00:47	AutoCAD Layer St...

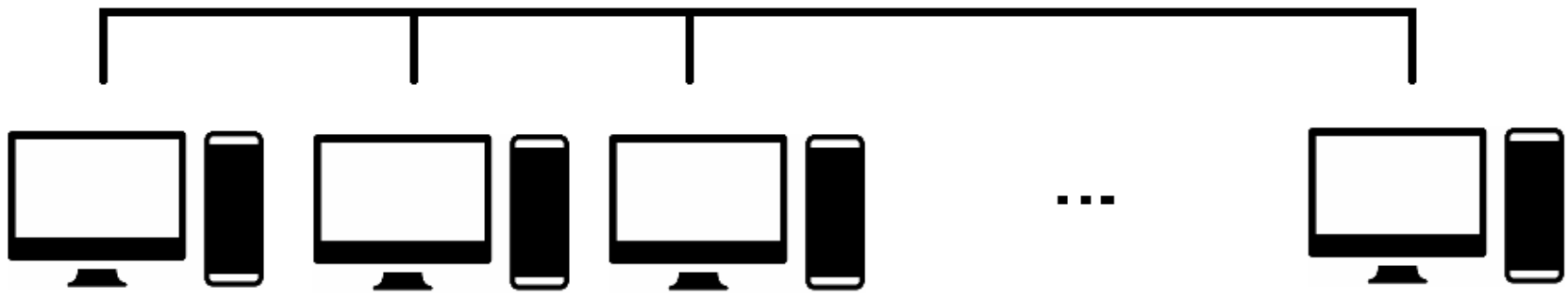
4 punkter / kvadratmeter

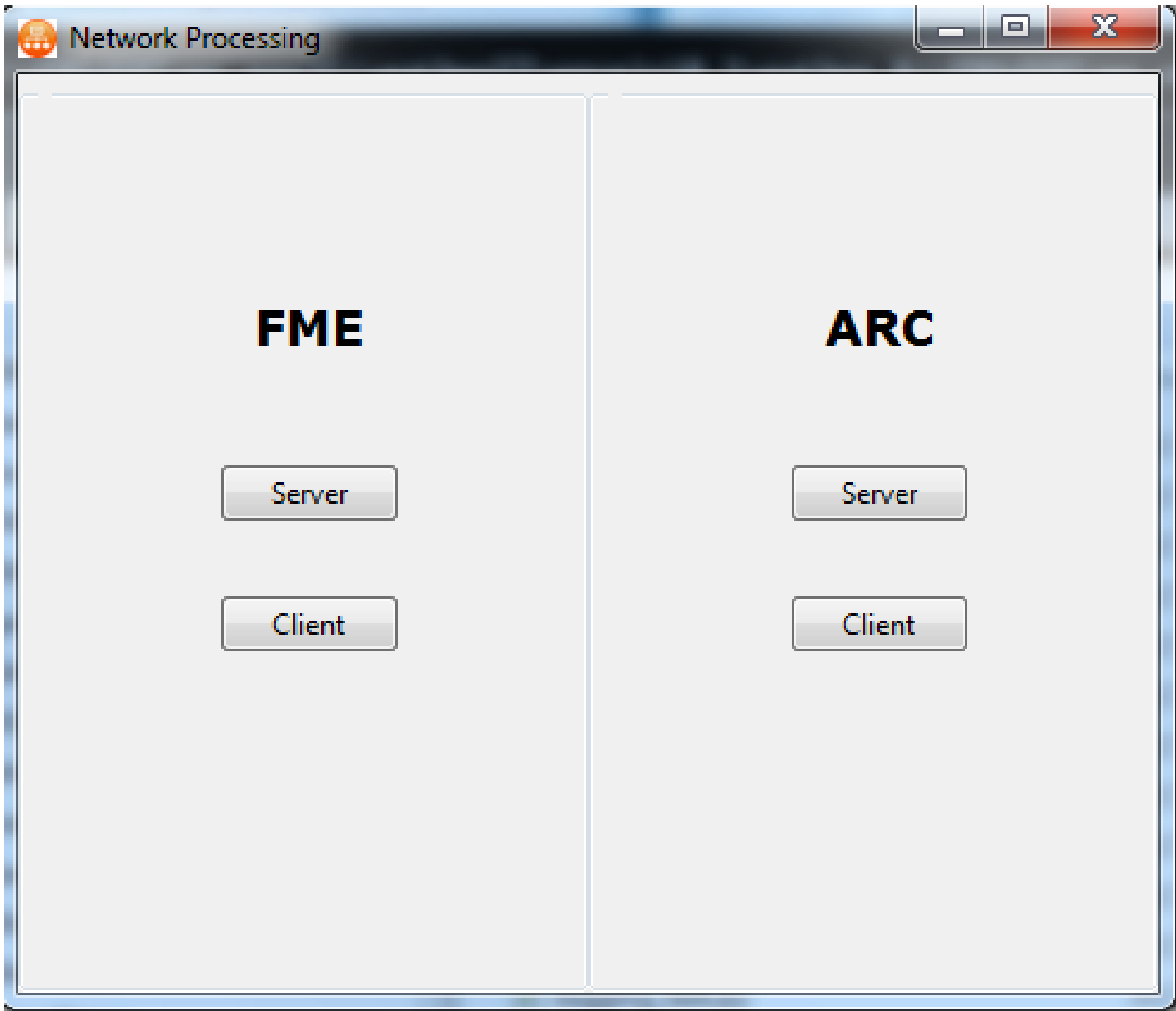
-> 3 800 000 000













Network Processing



Server (Arc)

Input files folder or GDB



Function

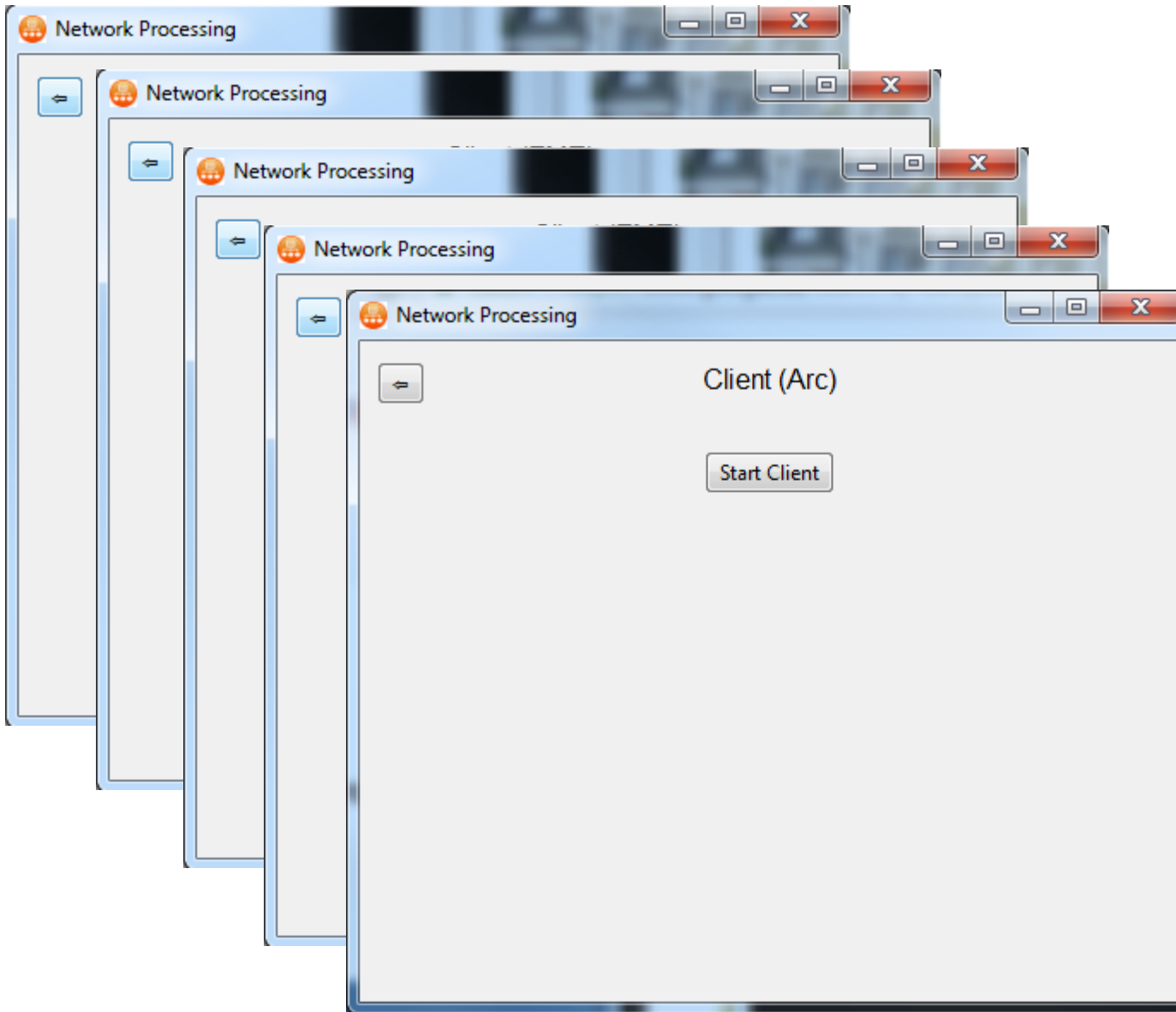
solar_area_helsingborg



Output folder



Start Server



C:\Windows\system32\cmd.exe

----- COMMANDS -----

```
layers_left:      Prints the number of layers left for calculations
clean_up:         Copy calculated files to output_final.gdb and deletes te
temporary FGDBs
help:             Shows this help
shutdown:         Shuts server down
start_calc:       Starts sending layer-references to connected clients
load_GDB_layers: Loads layer-references in specified ESRI GDB
list:             Lists connected clients
load_other_layers: Loads all layer-references in a specified folder
stop_calc:        Stops sending layer-references to connected clients
```

--> help

Alternativ?



Öppen källkod

- https://bitbucket.org/helsingborgsStad/nc_app/



https://bitbucket.org/helsingborgsStad/nc_app/src



Identifierad av DigiCert

helsingborgsStad / NC_App... x



Features Pricing



NC_App

ACTIONS

Clone

Compare

Fork

NAVIGATION

Overview

Source

Commits

Branches

Pull requests

Pipelines **NEW**

Downloads



HelsingborgsStad / scripts / NC_App

Source

master ▾ ▾ | NC_App /

.idea

ARC

Clean

FME

LoadLayers

START_APP.bat 129 B

StartUp_params.txt 440 B

client_arc.py 2.6 KB

client_arc.pyc 3.3 KB

client_fme.py 2.3 KB

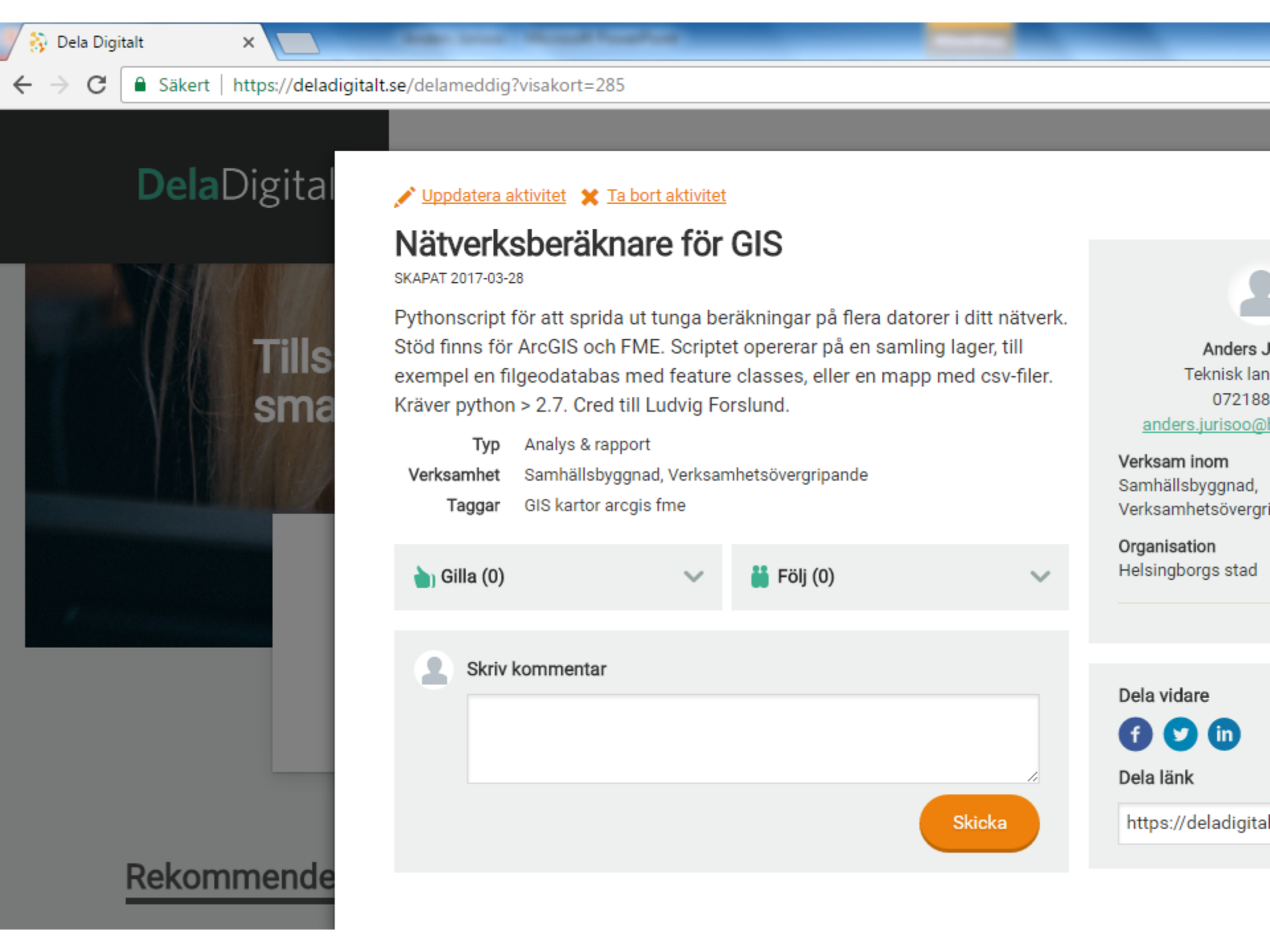
client_fme.pyc 3.1 KB



Tillsammans skapar vi en smartare välfärd

Sök efter aktuella utvecklingsinitiativ som din organisation kan samverka med och bidra till.

Sök



Tills
sma

[Uppdatera aktivitet](#) [Ta bort aktivitet](#)

Nätverksberäknare för GIS

SKAPAT 2017-03-28

Pythonscript för att sprida ut tunga beräkningar på flera datorer i ditt nätverk. Stöd finns för ArcGIS och FME. Scriptet opererar på en samling lager, till exempel en filgeodatabas med feature classes, eller en mapp med csv-filer. Kräver python > 2.7. Cred till Ludvig Forslund.

- Typ** Analys & rapport
- Verksamhet** Samhällsbyggnad, Verksamhetsövergripande
- Taggar** GIS kartor arcgis fme

Gilla (0)

Följ (0)



Skriv kommentar

Skicka



Anders J
Teknisk lan
072188

anders.jurisoo@helsingborg.se

Verksam inom
Samhällsbyggnad,
Verksamhetsövergripande

Organisation
Helsingborgs stad

Dela vidare



Dela länk

<https://deladigitalt.se/delameddig?visakort=285>

Rekommende

Tack för mig!

- Anders.jurisoo@helsingborg.se

