

Real-world data in Minecraft



GeoBoxers bring large and complex GIS and geospatial datasets into easy use as boxes and blocks in Minecraft.

Based in Copenhagen, Denmark.

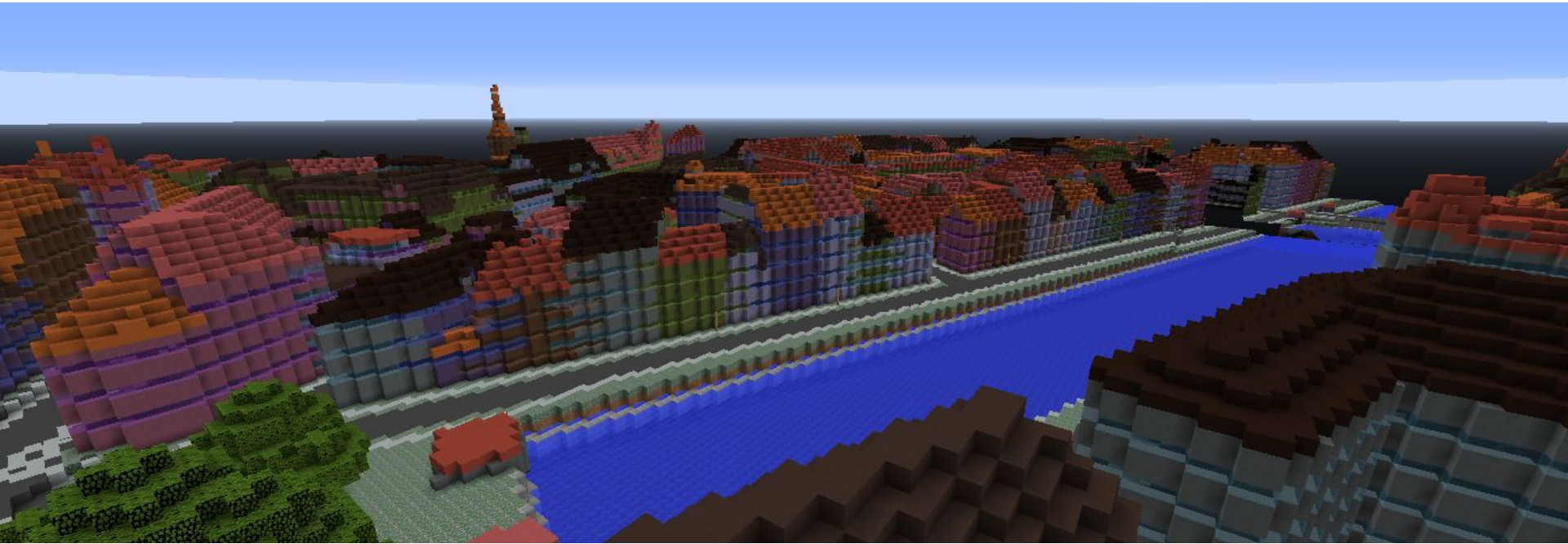


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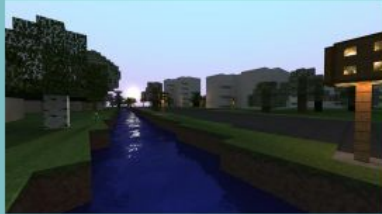
www.geoboxers.com

Real-world data in Minecraft



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Minecraft for Professionals and consumers

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Real-world data in Minecraft - for professionals

For education, urban planning and visualization Minecraft has shown to be a very suitable tool. GeoBoxers convert all kinds of GIS, geospatial and architectural data into Minecraft worlds.

No project too small or BIG - we have done everything from single buildings to a whole country. And Mars!

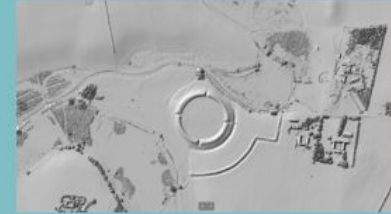
[Minecraft services](#)

Coming soon...

Block the whole world in Minecraft!

Always wanted to visit Australia? Want to build your own pyramids in Kairo? With GeoBoxers you can make a Minecraft map of anywhere on the surface of the Earth. Point, click, choose design, purchase and download 1 km² of the real world in a Minecraft-map. For Mac and pc only. Soon...

#GeoBoxers

[Try it out...](#)

GIS and geospatial data

We are experienced professionals within geodesy, surveying, modelling, GIS, programming and handling of all kinds of BIG geospatial data.

GeoBoxers' fields of experiences cover modelling, LiDAR, coordinate transformations, 3D reconstruction, gamification, geospatial engineering, geodesy, mathematical automation, GIS and more. We write code that is tailored to suit your specific purpose.

[Contact Us](#)

Minecraft

- a 3D computer game about placing and breaking blocks
- can be played in
 - survival mode, where you fight monsters
 - creative mode, where you build and explore
- more than 100 million users worldwide
- created by Mojang in Sweden
- sold to Microsoft for 2 billion dollars in 2014
- normally played in fictitious worlds generated by the game engine



GeoBoxers generate Minecraft worlds based on real data:

Elevation models

Topographic data; eg. roads, buildings, vegetation, land use

3D city models

3D architectural drawings

3D point clouds from laser scans or photogrammetry

Denmark in Minecraft



Denmark in Minecraft

43.000 km²

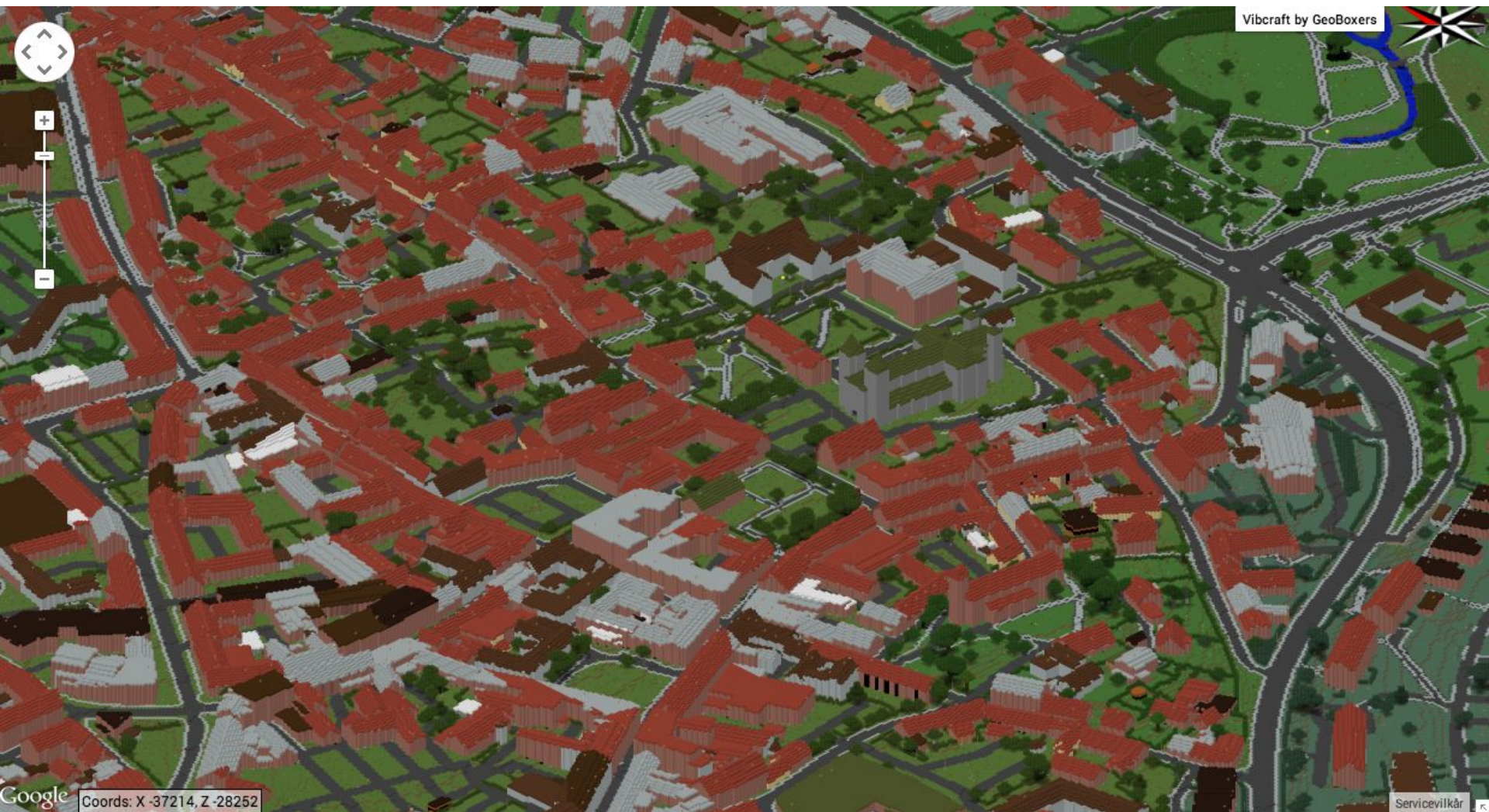
4000 billion Minecraft blocks

Elevation models and map data

Made for the Danish Geodata Agency in 2014



<http://www.geoboxers.com/denmark-in-minecraft/>



[3D overview of Viborg in Minecraft.](#)

[Vibcraft - the municipality of Viborg in Minecraft](#)



Use

- in education
- citizen involvement in urban planning
- branding
- fun...

Vibcraft - the City of Viborg in Denmark in Minecraft.



Data used:
Elevation model
Map features
3D city model
Building materials
Geology
Crops in fields



Vibcraft

<http://www.geoboxers.com/vibcraft-viborg-in-minecraft/>

The world's largest
limestone mines, Moensted
and Daugbjerg.

Laser scanned with
handheld scanner.

Pointclouds converted to
Minecraft models.



Vibcraft - the mines

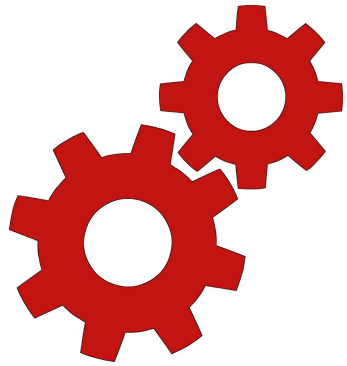
<http://www.geoboxers.com/statistical-mines/>

Stavanger city in Minecraft

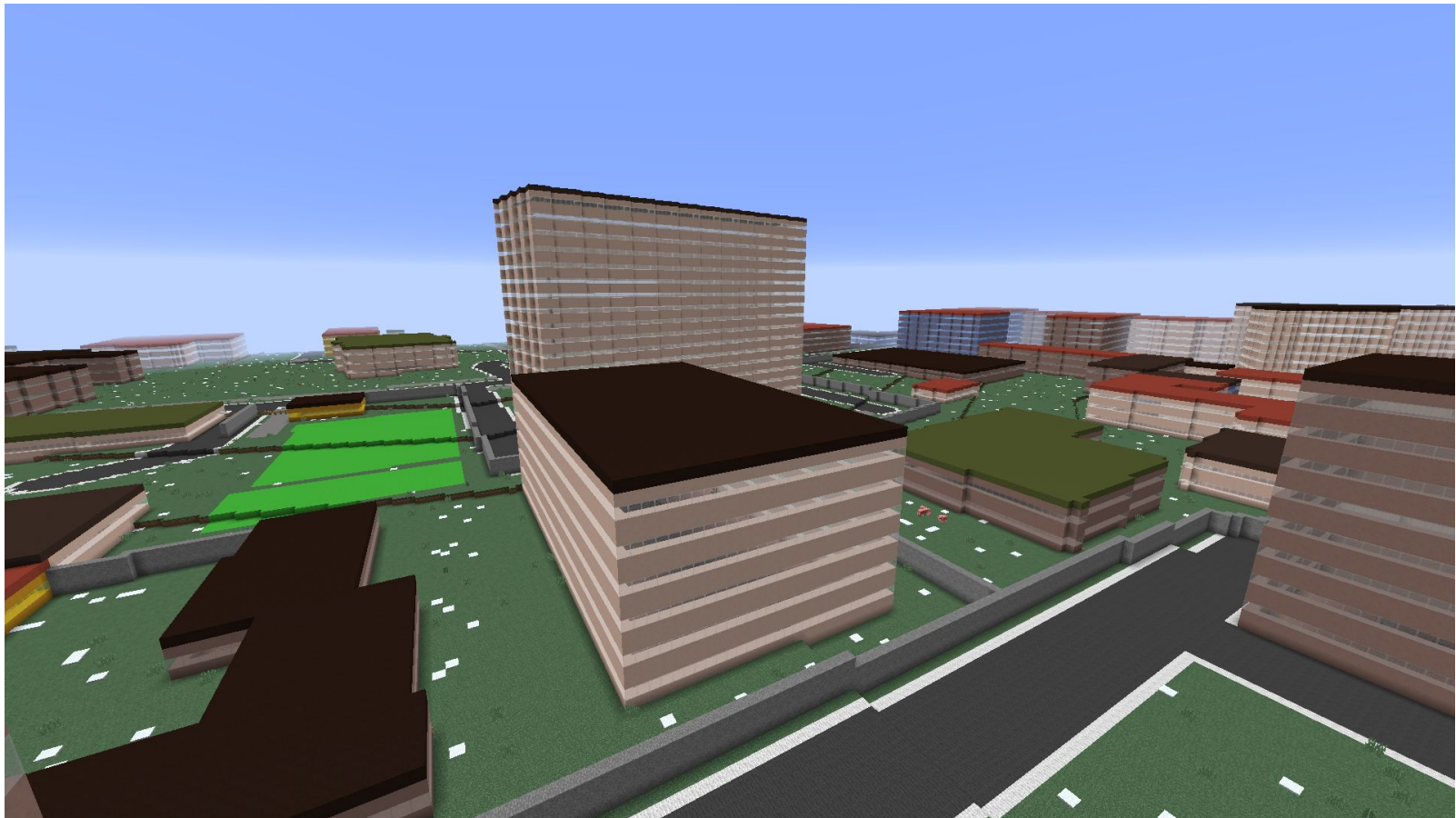


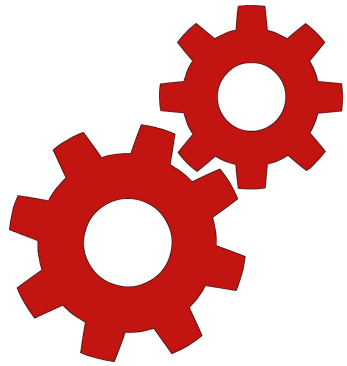
... Stavanger city in Minecraft





WorldBloxer by GeoBoxers



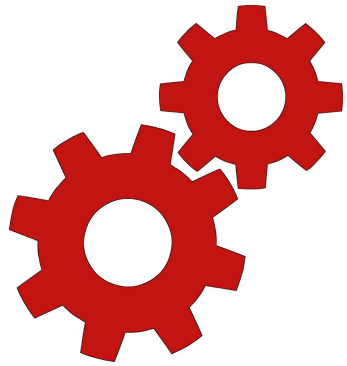


WorldBloxer by GeoBoxers

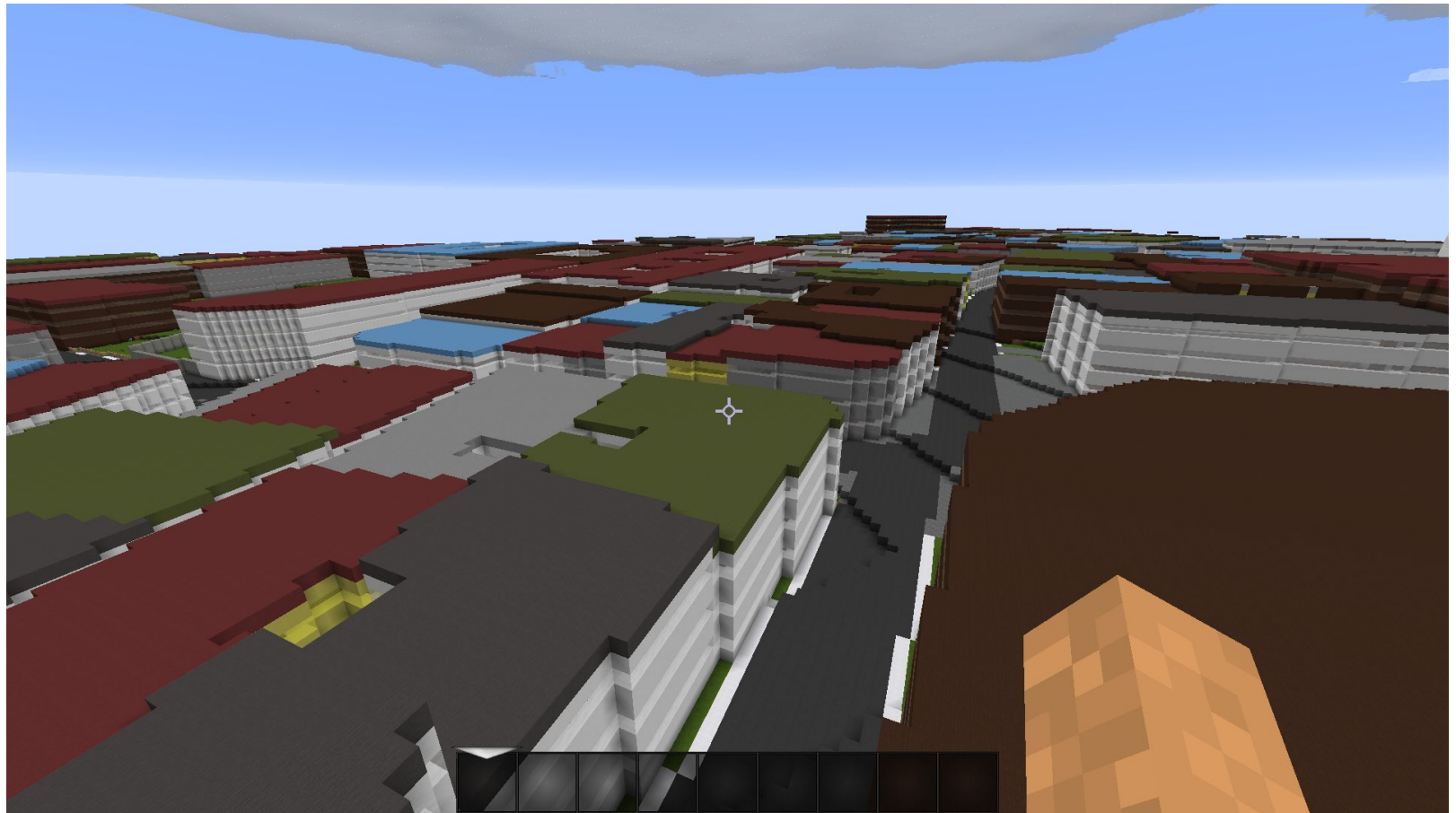


1 km² pieces of the real world to play with in
Minecraft

Based on open data (OSM+SRTM)



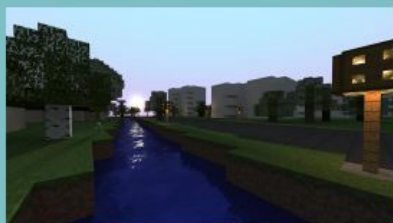
Launch December 2016



Visit www.geoboxers.com for more information



GeoBoxers bring real-life geodata in play – 3D play. Our approach and experience opens up new possibilities to introduce the real world in gaming for education, citizen involvement, tourism... and fun.



Real-world data in
Minecraft - for



GIS and geospatial data

We are experienced professionals

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Copenhagen in Minecraft

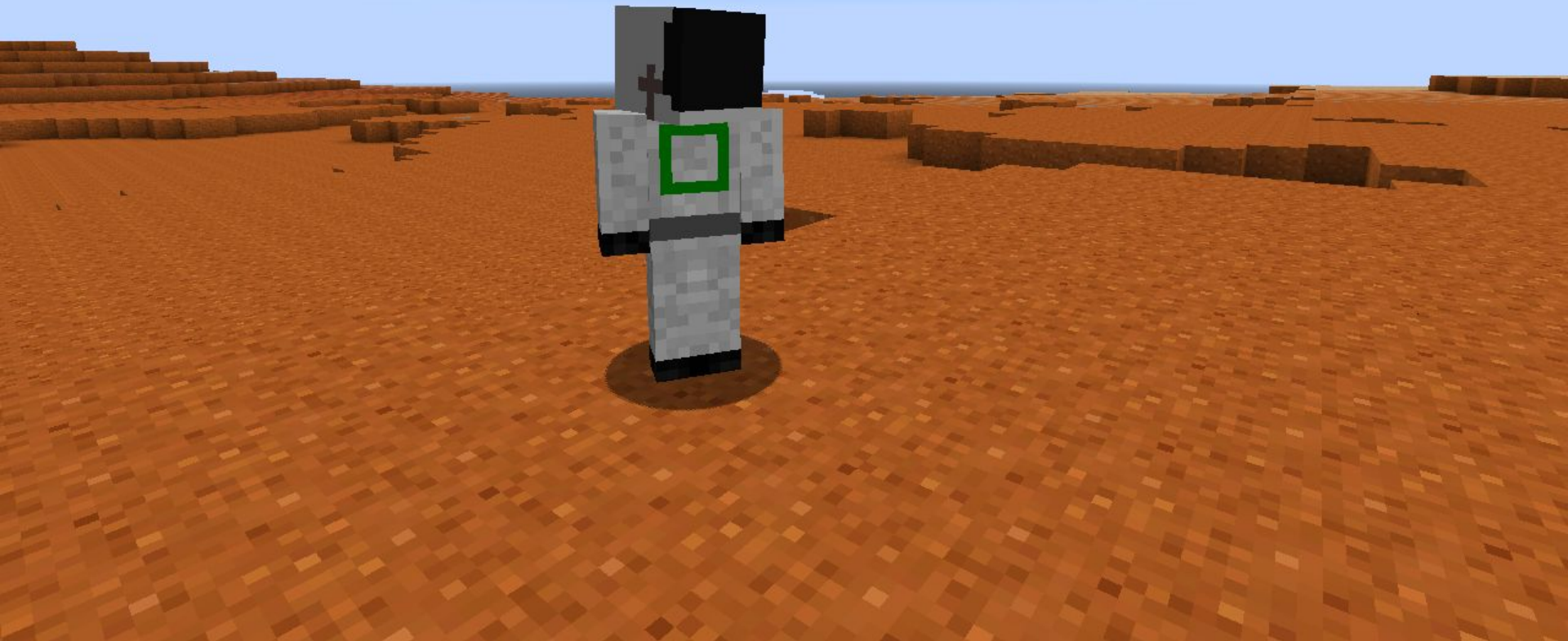


Data: Denmark in Minecraft + 3D citymodel
Watch it here: <http://demo.geoboxers.com>



Rundetårn

Mars in Minecraft by GeoBoxers



<http://www.geoboxers.com/life-on-mars-mars-in-minecraft/>

Download (free): <http://www.geoboxers.com/download-mars-in-minecraft/>