

Sådan eksporterer du fra CAD til *.SHP

Inden du starter

Det er vigtigt at du bruger den korrekte projektion:

- Data (x,y) skal leveres i koordinatsystem: **ETRS89 / UTM zone 32 N, (EPSG 25832)**.
- Data (z) skal leveres i koordinatsystem: **DVR90**.

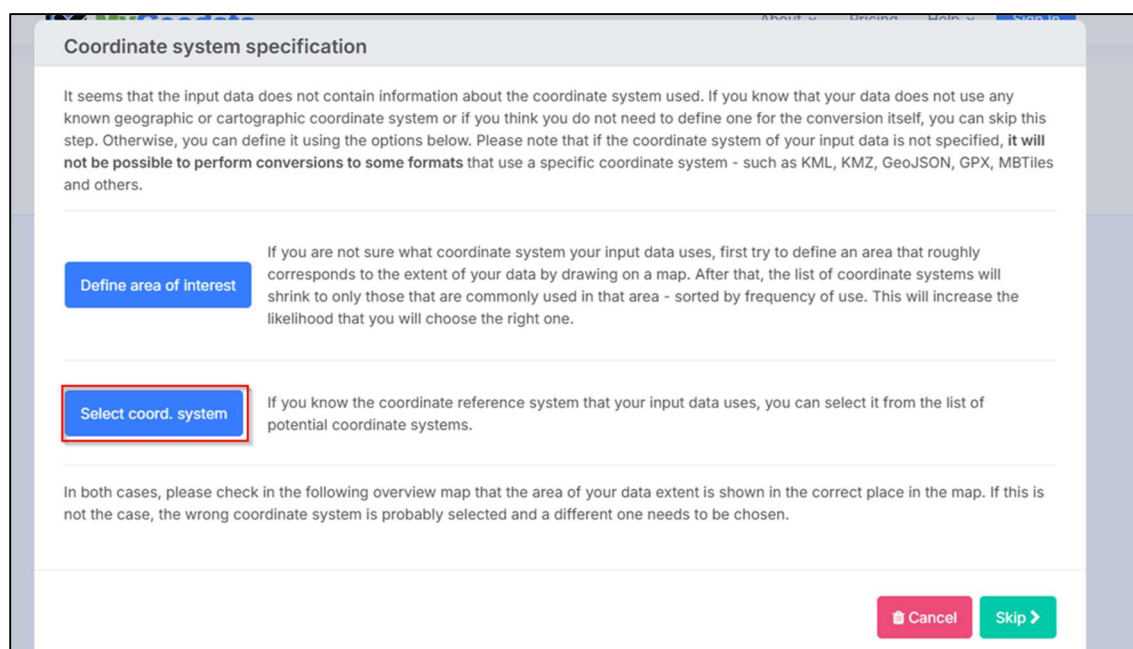
Når du skal lave en shape-fil

Når et projekt skal laves som *.SHP fil, skal der først udarbejdes en DWG af situationsplanen i det korrekte koordinatsystem (dette kan med fordel kontrolleres eller udarbejdes af en landinspektør).

Når DWG-filen er udarbejdet i det korrekte koordinatsystem, importeres den i <https://mygeodata.cloud/>, hvor den konverteres til en SHP-fil.

Her trykker man "next".

Så kommer man til nedenstående valgmulighed der hedder: "Select coord. system".



The screenshot shows a web-based dialog box titled "Coordinate system specification". The text inside explains that if the input data does not contain coordinate system information, the user can either define an area of interest or select a coordinate system from a list. The "Select coord. system" button is highlighted with a red rectangle. At the bottom right, there are "Cancel" and "Skip" buttons.

Coordinate system specification

It seems that the input data does not contain information about the coordinate system used. If you know that your data does not use any known geographic or cartographic coordinate system or if you think you do not need to define one for the conversion itself, you can skip this step. Otherwise, you can define it using the options below. Please note that if the coordinate system of your input data is not specified, **it will not be possible to perform conversions to some formats that use a specific coordinate system - such as KML, KMZ, GeoJSON, GPX, MBTiles and others.**

Define area of interest If you are not sure what coordinate system your input data uses, first try to define an area that roughly corresponds to the extent of your data by drawing on a map. After that, the list of coordinate systems will shrink to only those that are commonly used in that area - sorted by frequency of use. This will increase the likelihood that you will choose the right one.

Select coord. system If you know the coordinate reference system that your input data uses, you can select it from the list of potential coordinate systems.

In both cases, please check in the following overview map that the area of your data extent is shown in the correct place in the map. If this is not the case, the wrong coordinate system is probably selected and a different one needs to be chosen.

Cancel **Skip**

Her skal du vælge det ønskede koordinatsystemet – Søg f.eks. på *“UTM”*, og vælg så det fremhævede koordinatsystem:

Assignment of coordinate system to input data

Please select a coordinate system that uses your input data. It is crucial to choose the right one - otherwise the result can be shifted to wrong location on the globe or can be distorted or skewed. The list is sorted by frequency of use - the most probably coordinate system is shown first.

Assign a coordinate system:

Search and select a coordinate system...

utm

PROJECTED WGS 84 / UTM zone 43N (EPSG:32643)
Units: metre
Area of use: Between 72°E and 78°E, northern hemisphere between equator and 84°N, onsh...

PROJECTED ETRS89 / UTM zone 30N (EPSG:25830)
Units: metre
Area of use: Europe between 6°W and 0°W: Faroe Islands offshore; Ireland - offshore; J...

PROJECTED ETRS89 / UTM zone 32N (EPSG:25832)
Units: metre
Area of use: Europe between 6°E and 12°E: Austria; Belgium; Denmark - onshore and offs...

PROJECTED WGS 84 / UTM zone 14N (EPSG:32614)
Units: metre
Area of use: Between 102°W and 96°W, northern hemisphere between equator and 84°N, ons...

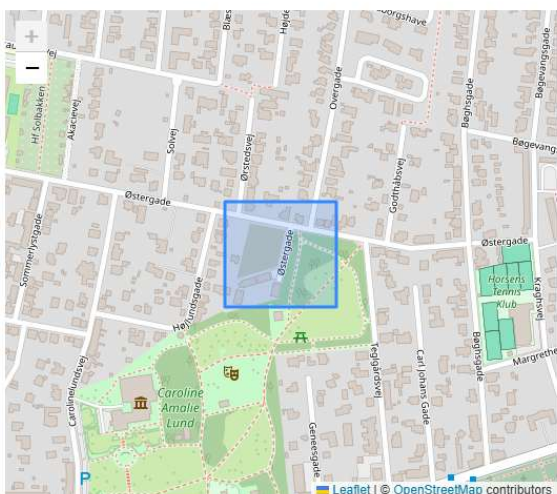
Der vises nu et område på kortet, som angiver koordinatplaceringen for det pågældende projekt.

Dit projektareal skal være indenfor det markerede område. Hvis placeringen er god, så trykker du på *“Looks good”*.

Hvis placeringen ikke er god, så skal du vælge *“Location is not correct”*.

Preview of input data bounding box

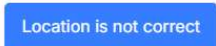
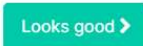
Please check visually that the location marked on the map matches the extent of your data - if not, further action is required. Also check the data properties to make sure it is the correct data you want to convert.



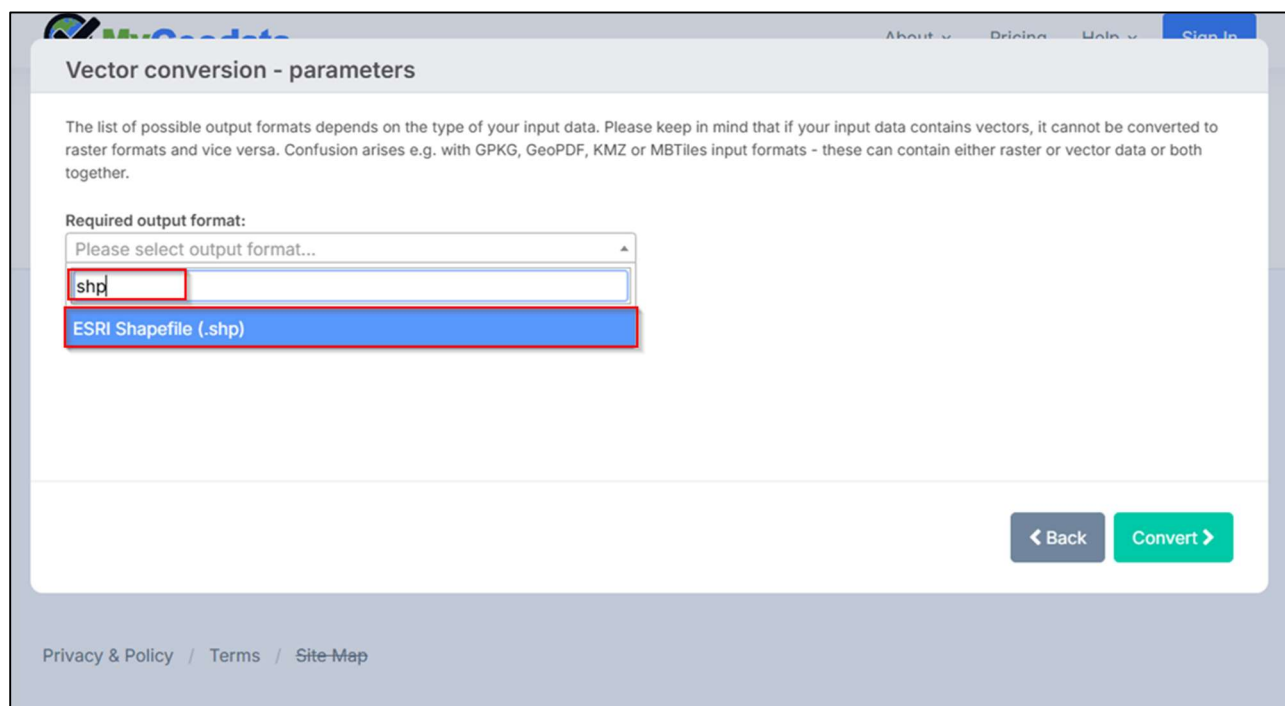
Data properties

Datasets count:	1
Data size:	1 MB
File formats:	AutoCAD DWG
Data type:	vector
Layers count:	1
Geometry type:	Polygon, 3D Point, 3D Line String, 3D Geometry Collection, 3D Multi Line String, Line String
Features count:	3824
Coord. system:	ETRS89 / UTM zone 32N (EPSG:25832)
Coord. units:	
Extent (orig):	553981.5015303751, 6191461.611379675, 554121.707384105, 6191596.505785415
Extent (lat/lon):	9.862556482230849, 55.86563482508943, 9.864823437156574, 55.866831014504115



Nu skal du vælge, hvilken filtype du vil konvertere til - her vælger du: "ESRI Shapefile (.shp)".



Vector conversion - parameters

The list of possible output formats depends on the type of your input data. Please keep in mind that if your input data contains vectors, it cannot be converted to raster formats and vice versa. Confusion arises e.g. with GPKG, GeoPDF, KMZ or MBTiles input formats - these can contain either raster or vector data or both together.

Required output format:

Please select output format...

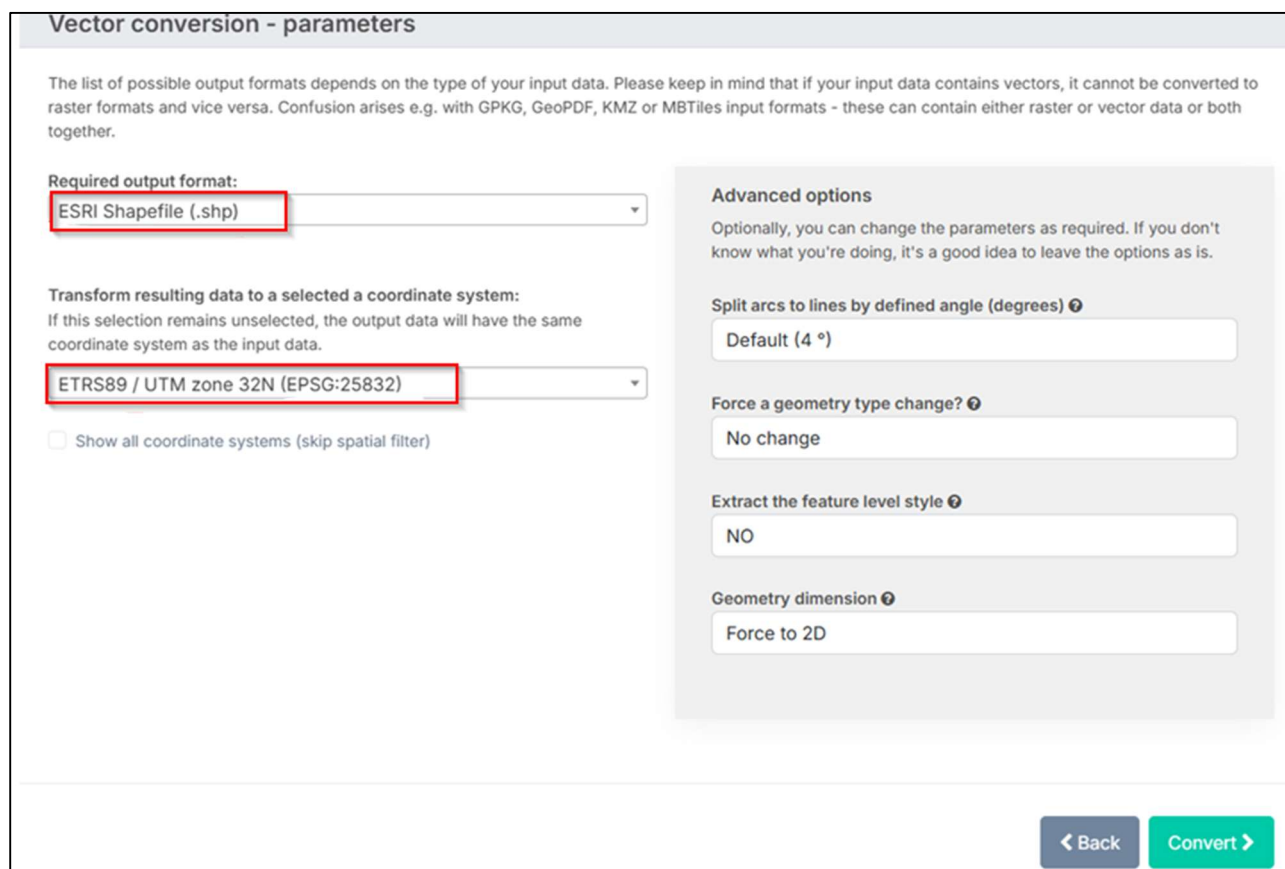
shp

ESRI Shapefile (.shp)

← Back Convert →

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Når denne er valgt, skal du igen vælge, hvilket koordinatsystem du vil konvertere til. Vælg her 'ETRS89 / UTM zone 32N (EPSG:25832)'.



Vector conversion - parameters

The list of possible output formats depends on the type of your input data. Please keep in mind that if your input data contains vectors, it cannot be converted to raster formats and vice versa. Confusion arises e.g. with GPKG, GeoPDF, KMZ or MBTiles input formats - these can contain either raster or vector data or both together.

Required output format:

ESRI Shapefile (.shp)

Transform resulting data to a selected a coordinate system:
If this selection remains unselected, the output data will have the same coordinate system as the input data.

ETRS89 / UTM zone 32N (EPSG:25832)

☐ Show all coordinate systems (skip spatial filter)

Advanced options

Optionally, you can change the parameters as required. If you don't know what you're doing, it's a good idea to leave the options as is.

Split arcs to lines by defined angle (degrees) ⓘ

Default (4 °)

Force a geometry type change? ⓘ

No change

Extract the feature level style ⓘ

NO

Geometry dimension ⓘ

Force to 2D

← Back Convert →

Tryk derefter "Convert", og download.
HELE zip-mappen skal sendes til Kommunen.