



GHSL - Global Human Settlement Layer

Open and free data and tools for assessing the human presence on the planet

Download the data produced by the GHSL

Download by tiles or by single file.

This page lists the GHSL datasets that are available for open and free download: the data can be downloaded for each product in a single file or split by tiles.

Feel free to [contact the GHSL data support team](#) for any necessity.

Please note that each product is available for different epochs, resolutions and coordinate systems, but be aware that not all the combinations are available.

The menu on the left below allows the selection of the desired product. Available combinations are displayed in Bold.

Product





GHS-FUA

ESM



ENACT-POP

GHS-BUILT
LAU2STAT

GHS-SDATA

Epoch

2030

2025

2020

2018

2015

2011

2010

2005

2000

1995

1990

1985

1980

1975

Resolution

2m

10m

100m

1km

3 arcsec

30 arcsec

Coord. system

Mollweide

WGS84

UTM

ETRS89/LAEA
Europe

GHS built-up surface

[Read the technical details for this product](#)**Current selection:**

Product: **GHS-BUILT-S**, epoch: **2030**, resolution: **100m**, coordinate system: **Mollweide**, classification: **Total RES+NRES**, scenario for the prediction: **LIN**

Select the classification and (for the projection epochs) the scenario

Classification (RES/NRES)

① Residential (RES) or non residential (NRES) classification.

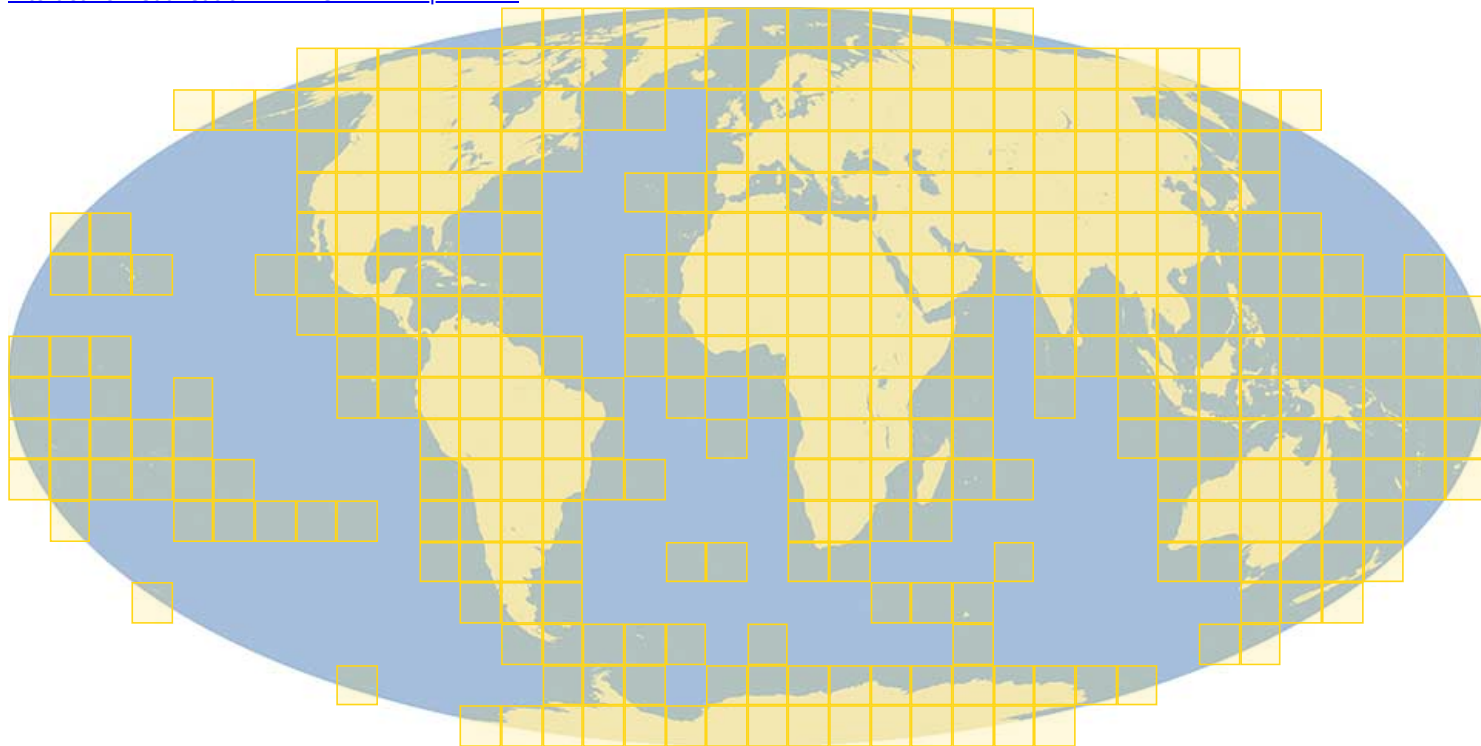
Scenario (LIN/PLY/MED)

① Scenario for the prediction: linear (LIN), second-order-polynomial (PLY), and median (MED).

① To be noted that some variation might be available only for a certain product (e.g. the 30m resolution is only available for the GHS-BUILT multi-temporal classification)

Download by tiles (click on each box to download a single tile):

[Interactive visualisation of the GHS built-up surface](#)



Hover over a tile to see its boundaries

Global download (get the chosen data in a single file):

[Download the global GHS_BUILT_S_P2030LIN_GLOBE_R2022A_54009_100_V1_0 dataset in a single file](#) or click on a tile on the map above to download the corresponding tile.

The download links are updated reflecting the selection of the filters on the left of the map.



The complete information about GHSL open data can be found in the [GHSL Data Package 2022 report \(10.33 MB\)](#)