

6.7.3 Slovenia

Provinces: Districts divided into Municipalities

Mapping agency:

Government agency (<http://www.gu.gov.si/en/>), some free geospatial data.

6.7.3.a Method

Geospatial datasets:

Region	Slovenija: Districts & Municipalities		
Applications	QGIS		
Geospatial data	DIVA's SVN_adm.zip + adjacent countries (http://www.diva-gis.org/gdata) EEA reference grid "Slovenia.zip" (from http://www.eea.europa.eu/data-and-maps/data/eea-reference-grids-1) [meje.zip (http://www.gu.gov.si/en/services/free_access_database/national_large_scale_map_at_1_1_000_000/)]		
Grid ref	EEA reference grid or Slovene National Grid (Transverse Mercator)	CRS	ETRS89 / ETRS-LAEA (EPSG:3035) or Slovenia 1996 / Slovene National Grid (EPSG: 3794)
Project	new (always use copies once constructed, never this original)		
Save project	/ F:\MapData\World\Europe\Slovenia Slovenia_[nn].qgs		

- 1 Open a new QGIS project
- 2 Layer|Add layer|Add vector layer F:/Maps/World/Europe/Slovenia/SVN_adm/SVN_adm0.shp. Repeat for layers *SVN_adm1* and *SVN_adm2*
- 3 Add layers ****_adm0.shp* for adjacent countries (Italy, Austria, Hungary, Croatia and Bosnia Herzegovina - all also available from DIVA). Colour these according to "Outside data coverage" (Lillethun, 2011)
- 4 Add the Slovenia 1:1,000,000 country outline, *P1000V7000_LA.shp* from the meje.zip geospatial dataset. This is a polyline so can be placed at the top of your layers.
- 5 Set the Project Properties General Background colour to the Sea surface colour recommended in Lillethun, 2011 and other layers to suit your project (e.g. white for "no data", transparent to just depict boundaries etc.)
- 6 Adjust the projection of the project via **Project Properties** | **CRS** and select ETRS89 / ETRS-LAEA (EPSG:3035) which is a Lambert Azimuthal Equal Area projection.
- 7 Add the Grid layer *si_100km*, make the tiles transparent, colour the lines according to Lillethun, 2011 and make them a little thicker than the default.
- 8 Zoom in to one of those squares and add *si_10km*, colour similarly.
- 9 Adjust the scale dependent visibility of this layer **Layer** | **Properties** | **General** then choose a Minimum and Maximum scale (suggested 1:500,000 and 1:50,000 respectively)

10 **Project | New print composer** then add the map. Set extents as follows:

QGIS	Value
Xmin	4,550,000
Ymin	2,470,000
Xmax	4,850,000
Ymax	2,680,000

11 Save the project and composer template

Options:

- Label various layers as desired using **Layer properties| Labels** and selecting an appropriate field for the label name.
- Group layers appropriately and adjust their sequence in the Layers panel.
- Experiment with other grids and projections

12 In the composer panel, export to an image:

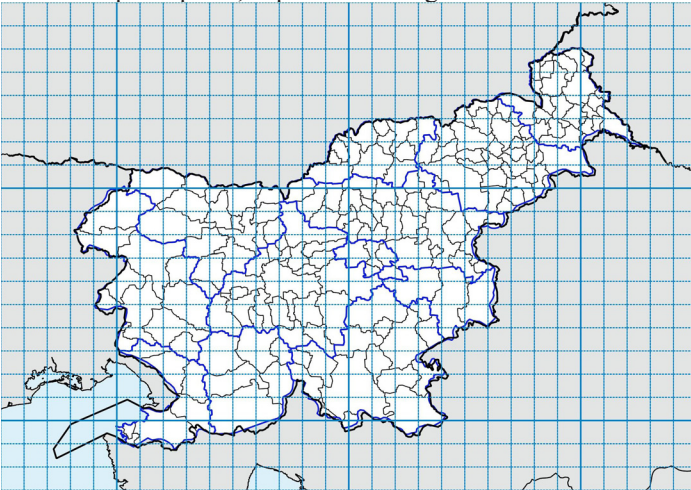


Figure 22. Slovenia. Districts and Municipalities with EEA grid. [Lambert EPSG:3035]

Conservation GIS in Slovenia

A GIS initiative in Slovenia featured in an ARCGIS news item:

 <https://www.esri.com/news/arcnews/summer05/articles/conservation-gis.html>

Links and contacts listed in that article could result in improvements in the treatment outlined above.