

Eu 1km grid vs NL grid

Edwin de Jonge

2/15/2019

EU-grid vs NL-grid

The NL-grid en EU-grid differ in the following aspects:

- they use a different projection (Rijksdriehoekstelsel (28892) vs Lambert Equal Area (3035))
- the 1km grid origins are aligned in the original projection, so that the boundaries of the grid cells also have nice rounded coordinates.

Lets look at a small piece of the Netherlands in the EU projection:



When the NL grid is reprojected in the EU projection, one readily sees that the grids are not nicely aligned.

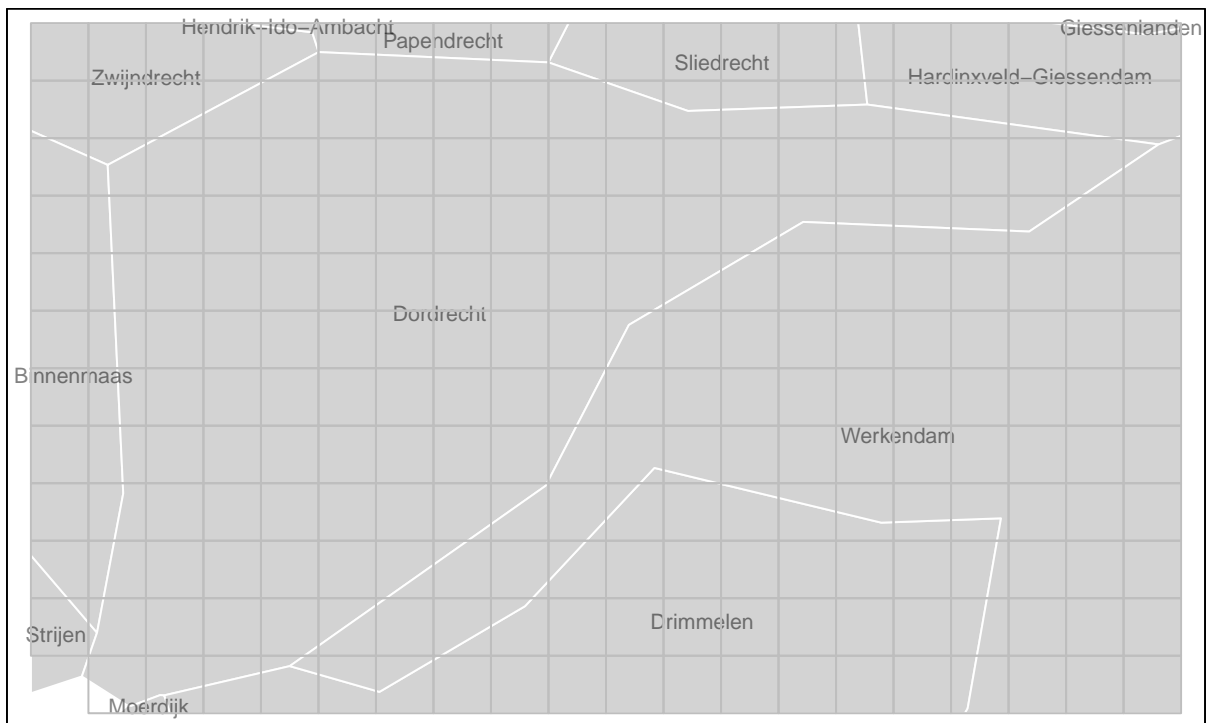


Figure 1: EU 1km grid

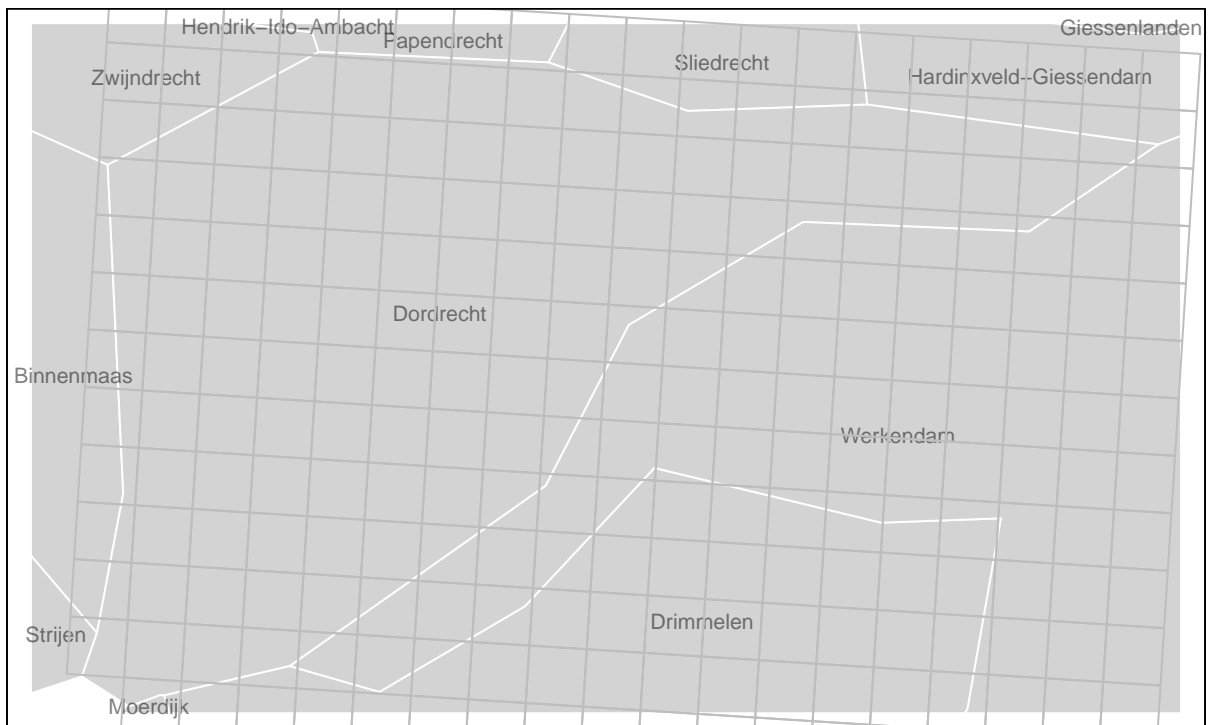


Figure 2: NL 1km grid in EU projection

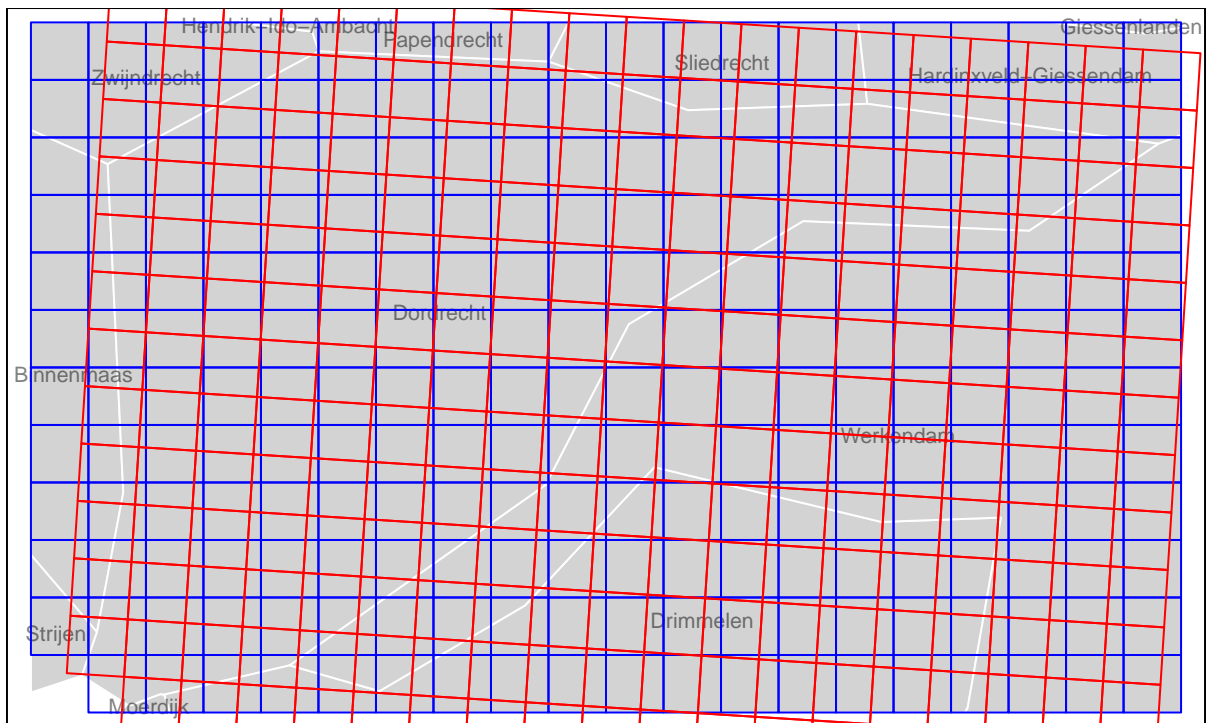


Figure 3: EU 1km grid (blue) vs NL 1km grid (red) in EU projection