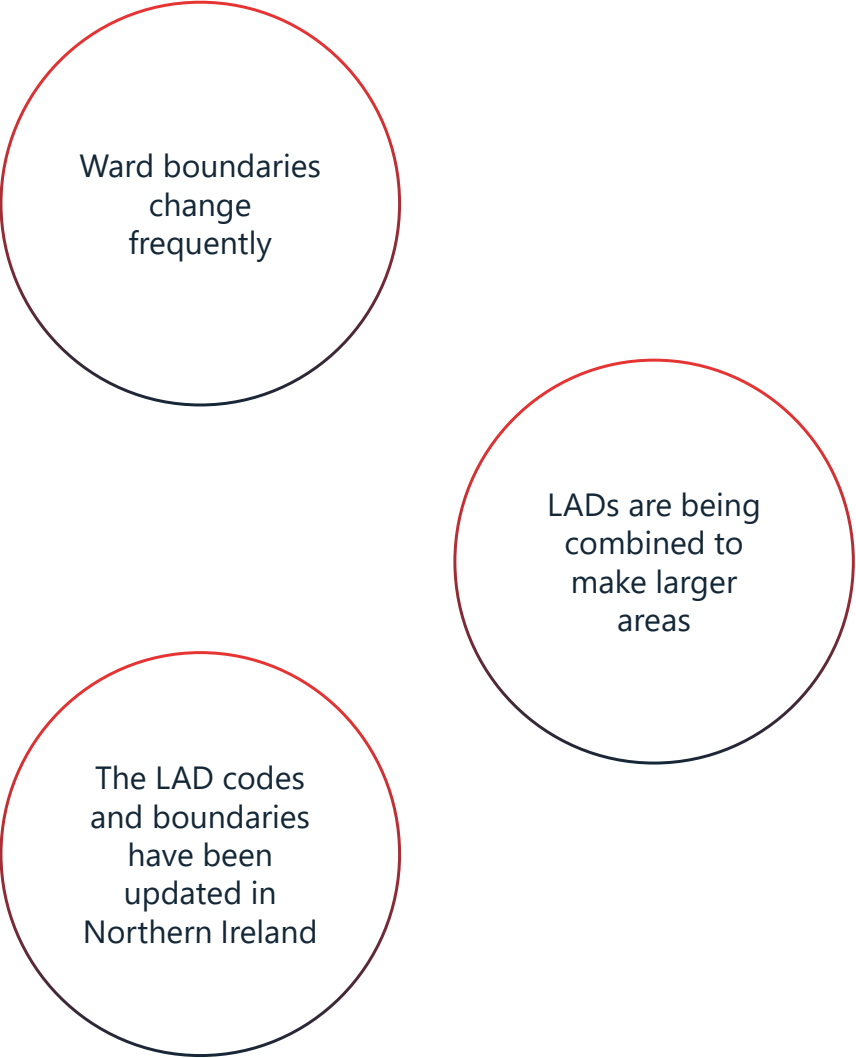




Changes for 2022 Ward and Local Authority Districts

Now that the 2021 census data has been released for England and Wales, the administrative geography is being updated too.

In this document, we are focusing on the Wards and Local Authority Districts (LADs). We will explain how these have changed since the last census and what that means for clients using these geographies in Vision.

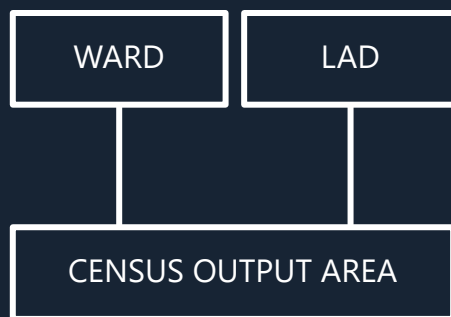


Ward boundaries
change
frequently

LADs are being
combined to
make larger
areas

The LAD codes
and boundaries
have been
updated in
Northern Ireland

Current Vision Administrative Hierarchy



New Vision Administrative Hierarchy



Currently, Wards are created using a “best fit” lookup by aggregating Census Output Areas.

Moving forward they will be a new and separate base geography, and they will aggregate to make Local Authority Districts.

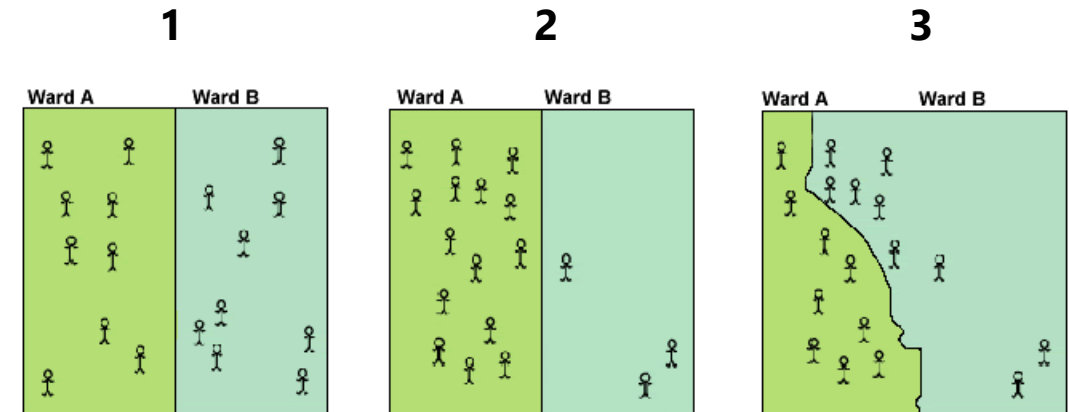
Ward boundaries change frequently, sometimes with several hundred Wards being updated in a year.

This can have serious implications when trying to keep track of statistics over time.

The reason for changes to Ward boundaries are to try and maintain electoral equality. Population sizes should be approximately equal and as people move around frequently, the need to review and alter the boundaries does too.

The image on the right shows the need for boundary change.

More information can be found on the [ONS website](https://www.ons.gov.uk).



1) Both Wards have equal populations, electoral equality.

2) Over time, settlements and population changes occur and Ward A has a much higher population. This means individuals in Ward A have less of a personal say in electoral results, electoral inequality.

3) Boundary change means electoral equality is restored.

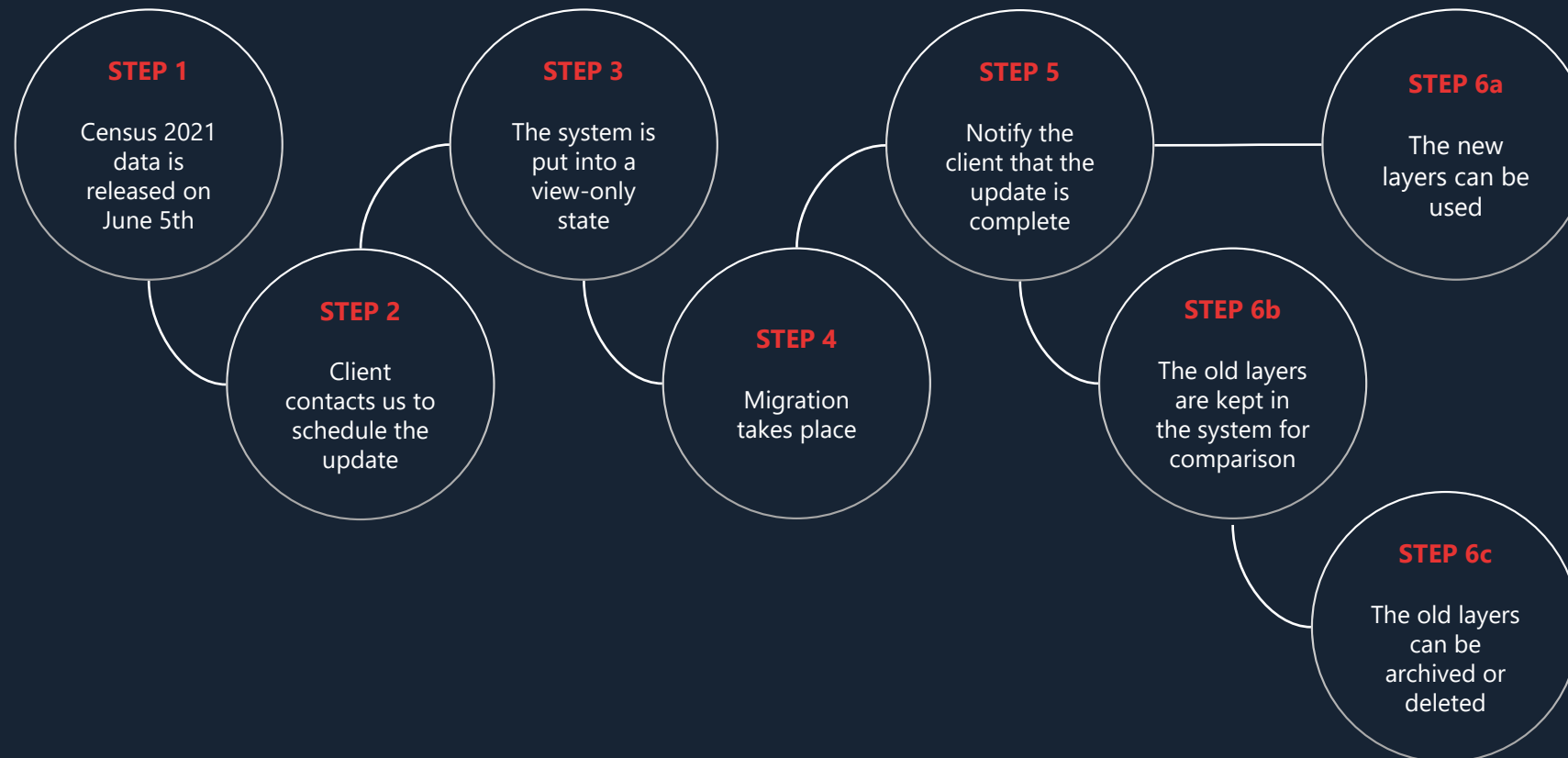


Ward boundaries are now updated on an annual basis. Moving forward, we will also offer annual updates to the Ward boundaries within Vision, much like our Postcode geography.

You can see in the two images how the boundaries have changed from 2011 to 2022. The Ward codes have also changed.

The pink borders are the 2011 Wards and the black borders are the 2022 Wards.

(Ignore the coastlines, which we have simplified to make them easier to use in Vision)



Wards are now a new base geography, and because of the number of changes to the layer, we will need to carry out the update in Vision.

This involves running a geographic query which will transfer the boundaries of any current Ward-based territory layers to the new 2022 Wards.

NOTE. Any existing territory shares will have to be created again.

Local Authority Districts do not change very often, especially regarding boundary changes.

Local Authority Districts will now be created by aggregating Wards. As the Ward boundaries will be updated annually, we will also update the Local Authority Districts. We don't anticipate many changes, but if they do occur, Vision will reflect them.

We've created a supporting Excel document that details all the changes between 2011 and 2022 Local Authority Districts.

England, Wales and Scotland (GB)

Having compared the 2022 Local Authority District boundaries to the 2011 boundaries, we've noticed that almost all changes are cases of smaller Local Authority Districts being combined to make larger ones.

There are a few code changes with one minor boundary change.

Northern Ireland (NI)

More substantial changes have occurred to the Local Authority Districts in Northern Ireland. There have been changes to the coding system, combinations of smaller LADs, and some boundary changes.

GB

There are 8 cases
of new 2022
LAD's combining
smaller 2011
ones

GB

Of these 8 cases,
25 smaller 2011
LADs have been
combined

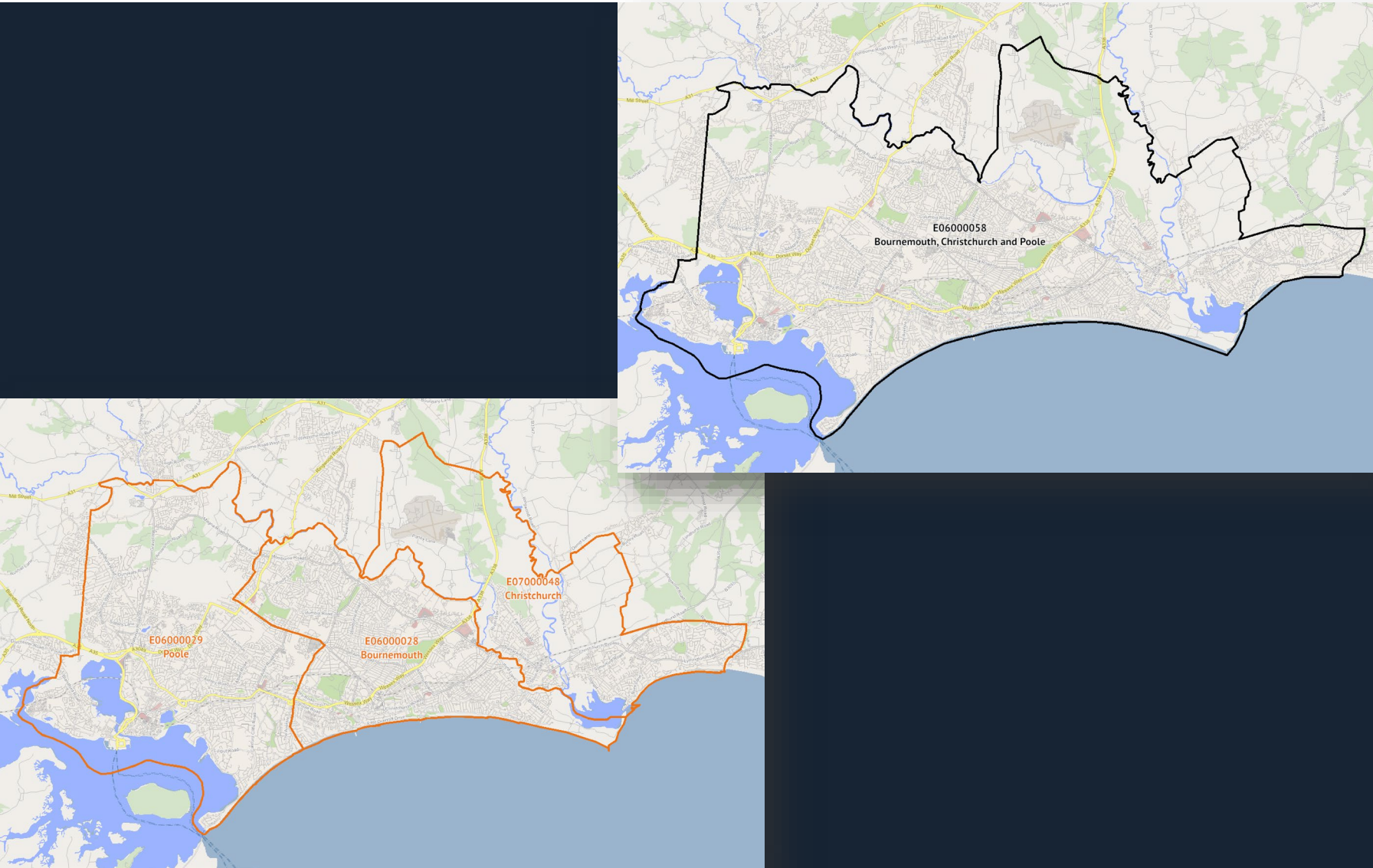
NI

There are 11
cases of new
2022 LADs
combining
smaller 2011
ones

NI

Of these 11
cases, 26 smaller
LADs have been
combined

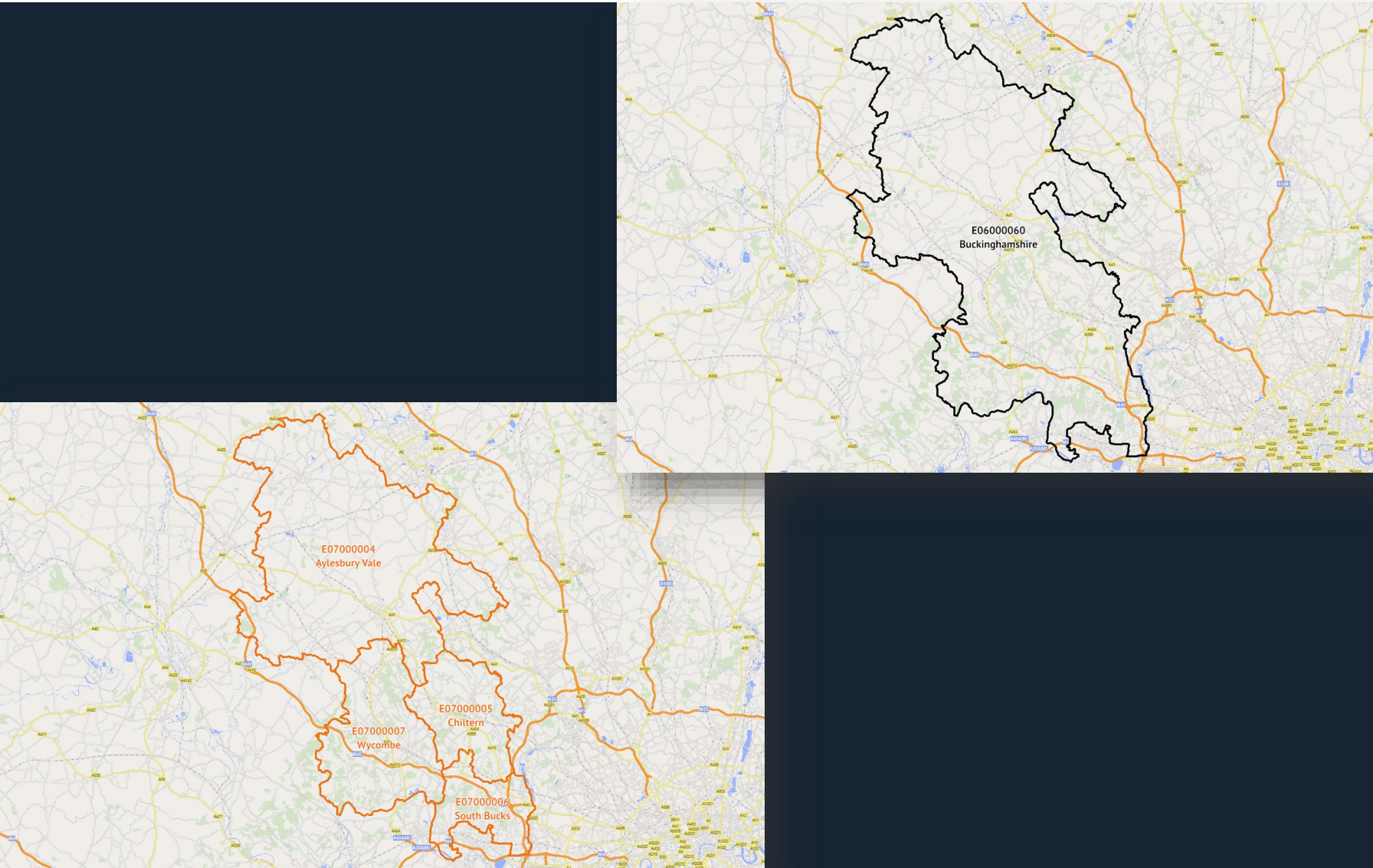
Local Authority Districts – Bournemouth, Christchurch and Poole



You can see in the two images how the three smaller Local Authority Districts have now become one.

The orange borders show the 2011 Local Authority Districts and the black borders show the 2022 Local Authority District.

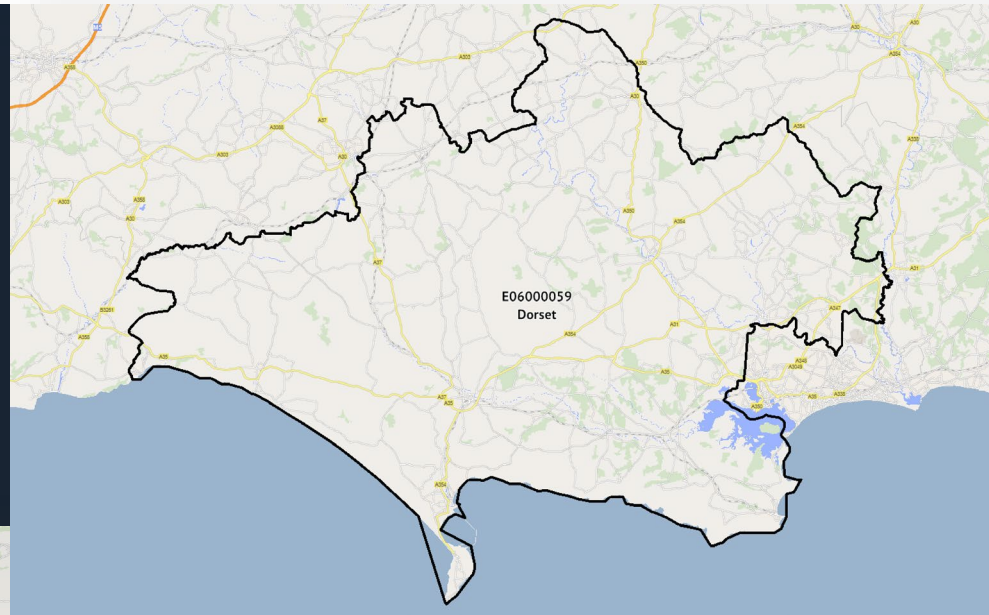
(Ignore the coastlines, which we have simplified to make them easier to use in Vision)



You can see in the two images how the four smaller Local Authority Districts have now become one.

The orange borders show the 2011 Local Authority Districts and the black borders show the 2022 Local Authority District.

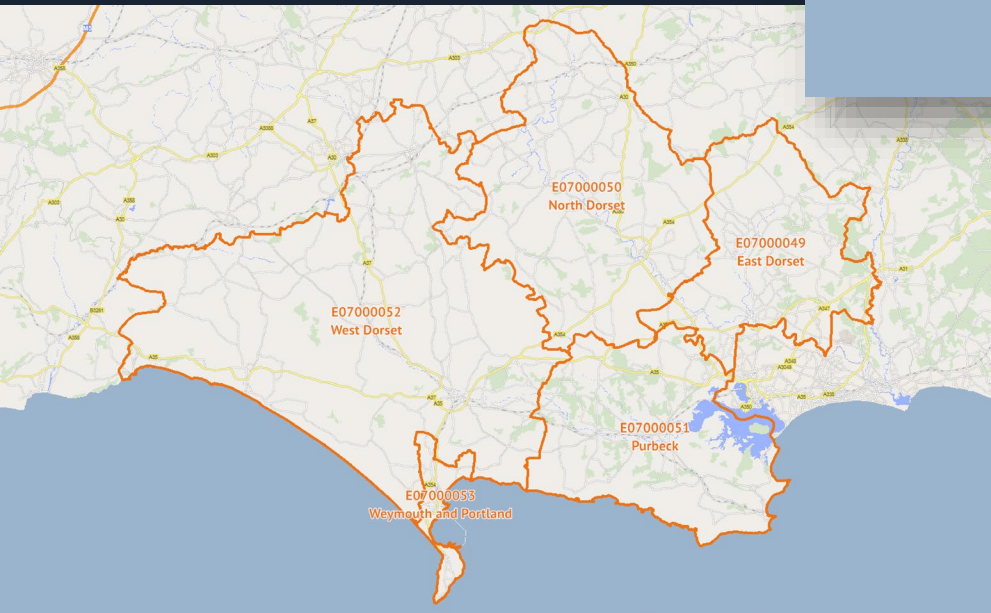
Local Authority Districts – Dorset



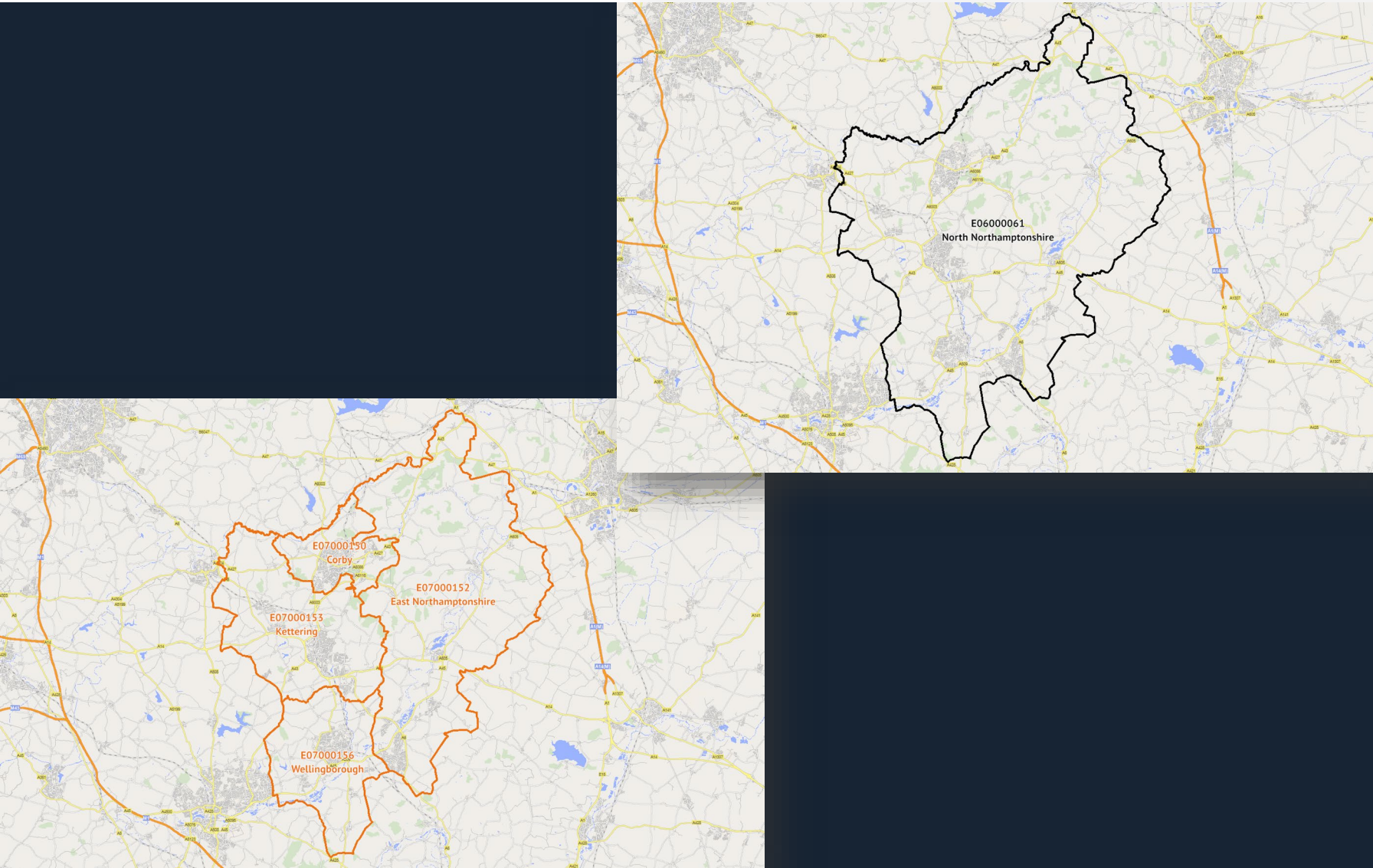
You can see in the two images how the five smaller Local Authority Districts have now become one.

The orange borders show the 2011 Local Authority Districts and the black borders show the 2022 Local Authority District.

(Ignore the coastlines, which we have simplified to make them easier to use in Vision)



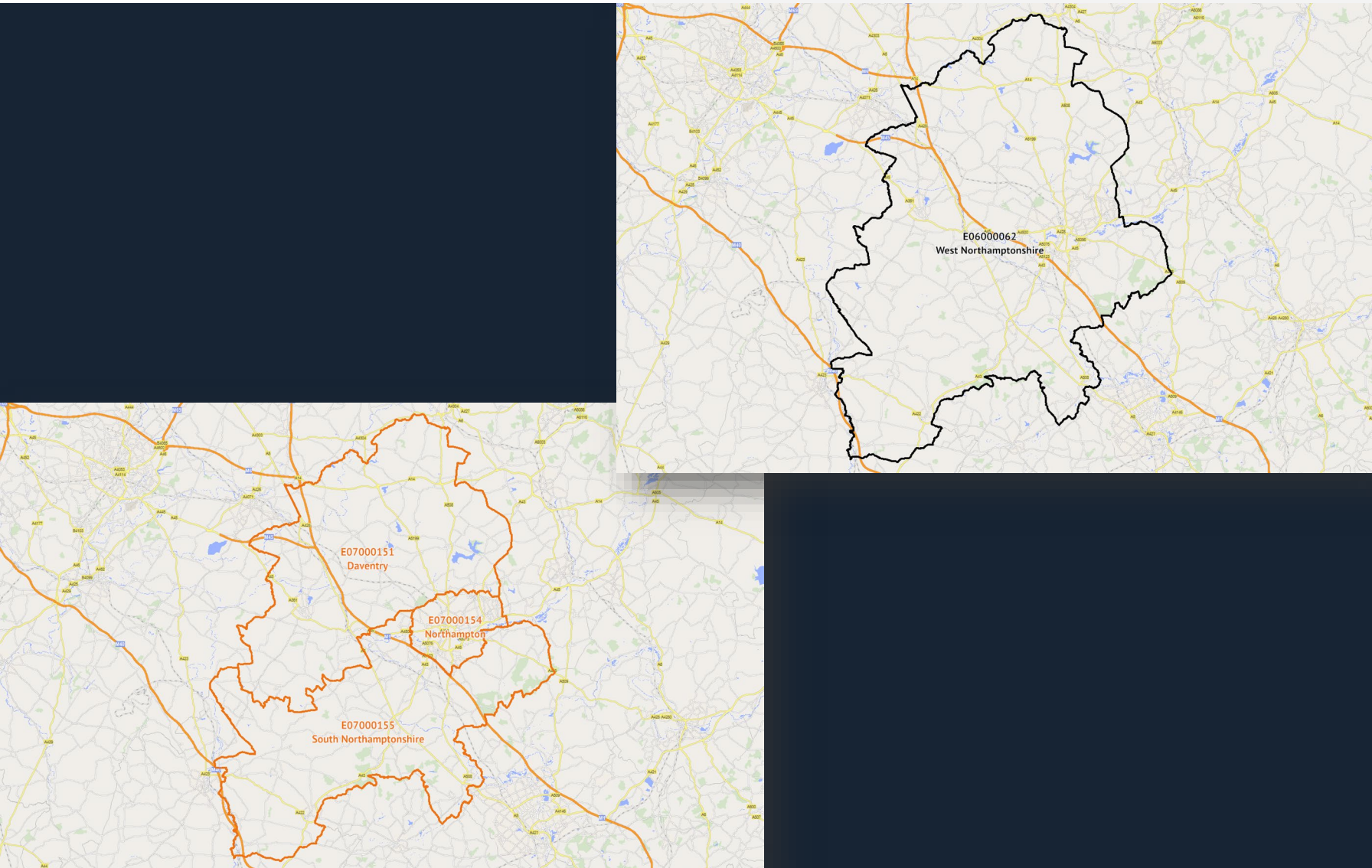
Local Authority Districts – North Northamptonshire



You can see in the two images how the four smaller Local Authority Districts have now become one.

The orange borders show the 2011 Local Authority Districts and the black borders show the 2022 Local Authority District.

Local Authority Districts – West Northamptonshire



You can see in the two images how the three smaller Local Authority Districts have now become one.

The orange borders show the 2011 Local Authority Districts and the black borders show the 2022 Local Authority District.

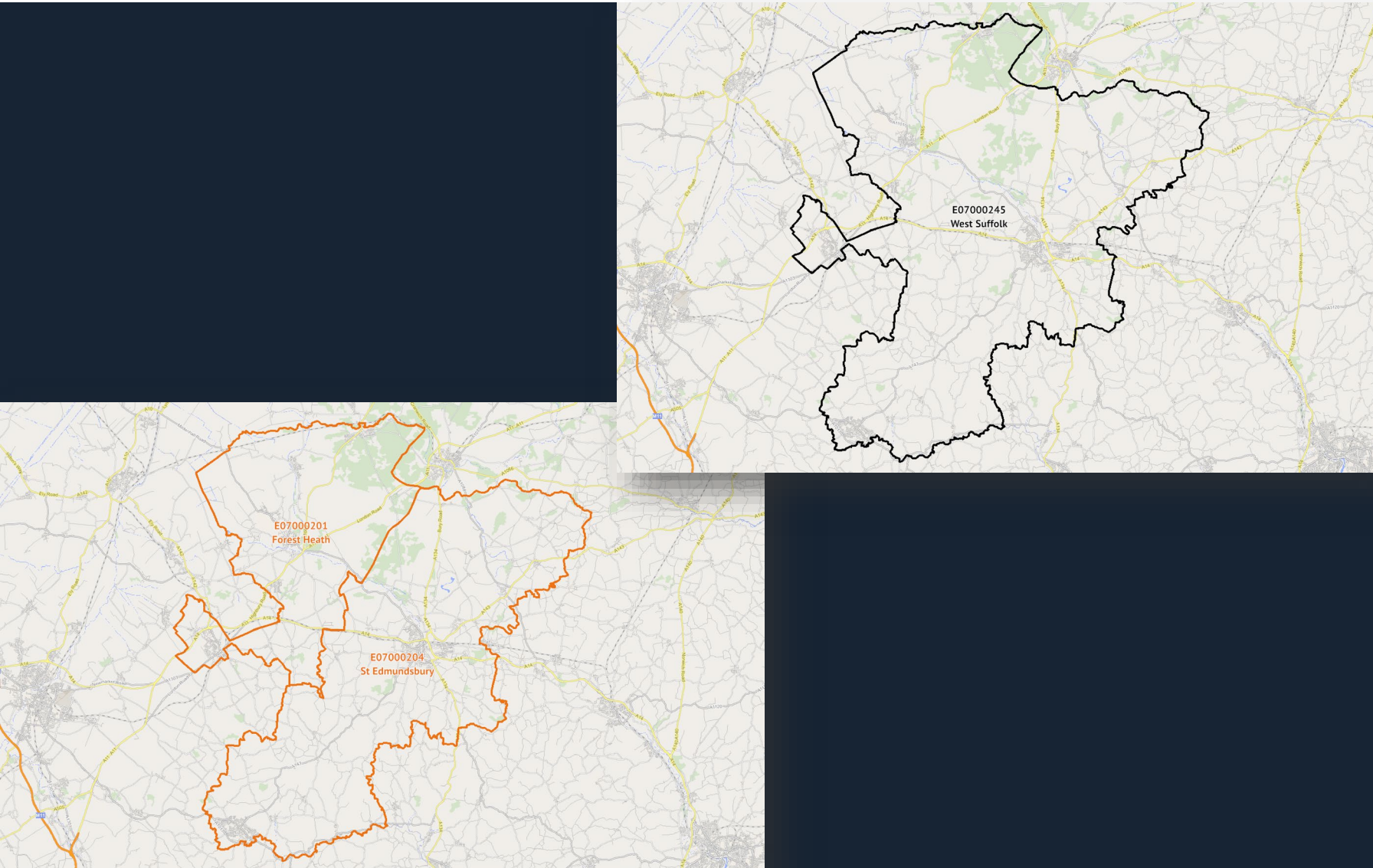
Local Authority Districts – Somerset West and Taunton



You can see in the two images how the two smaller Local Authority Districts have now become one.

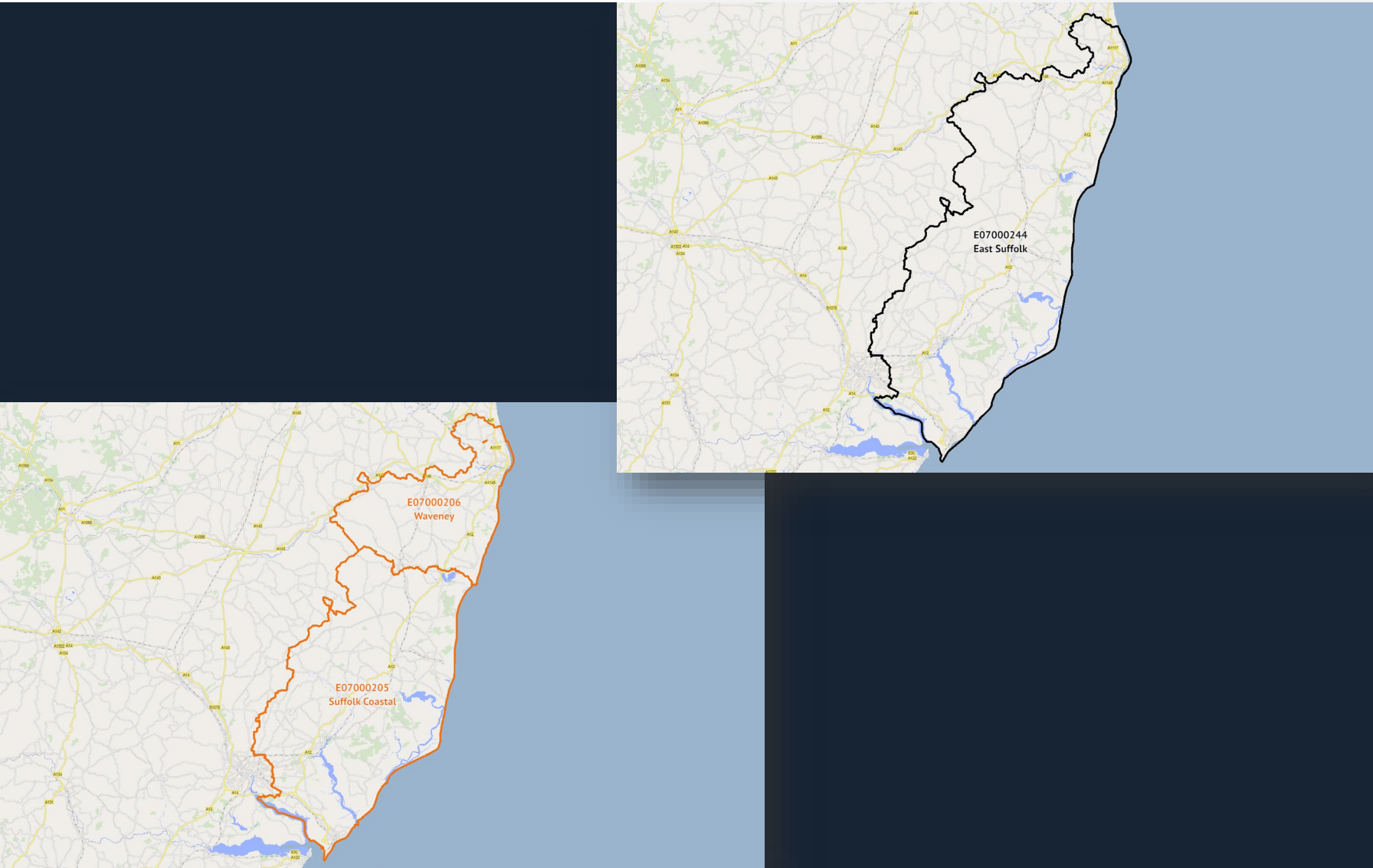
The orange borders show the 2011 Local Authority Districts and the black borders show the 2022 Local Authority District.

(Ignore the coastlines, which we have simplified to make them easier to use in Vision)



You can see in the two images how the two smaller Local Authority Districts have now become one.

The orange borders show the 2011 Local Authority Districts and the black borders show the 2022 Local Authority District.



You can see in the two images how the two smaller Local Authority Districts have now become one.

The orange borders show the 2011 Local Authority Districts and the black borders show the 2022 Local Authority District.

(Ignore the coastlines, which we have simplified to make them easier to use in Vision)

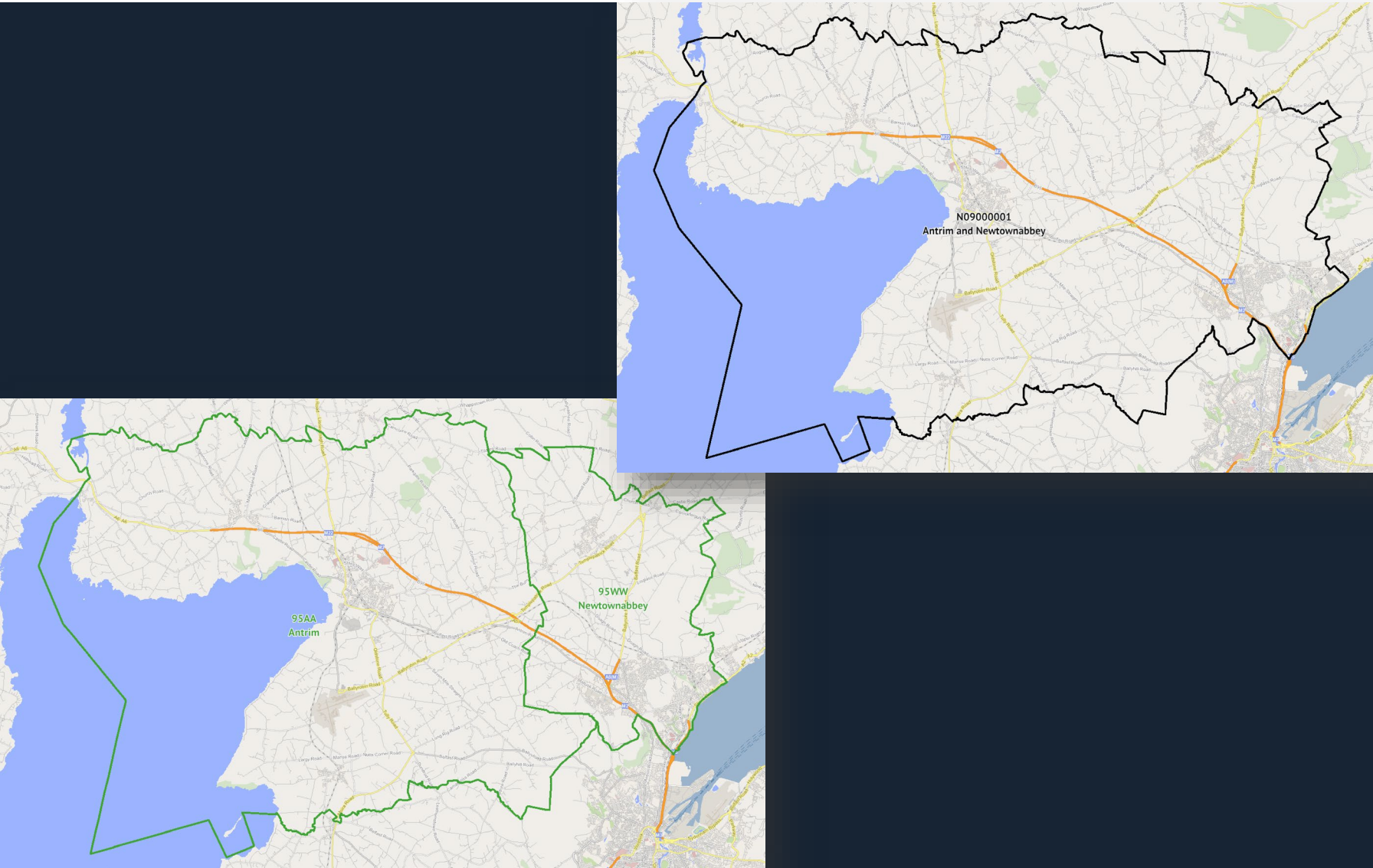


This is the only example of a minor boundary change that isn't just smaller Local Authority Districts being merged.

The orange borders show the 2011 Local Authority Districts and the black borders show the 2022 Local Authority Districts. You can see where the lines don't quite align.

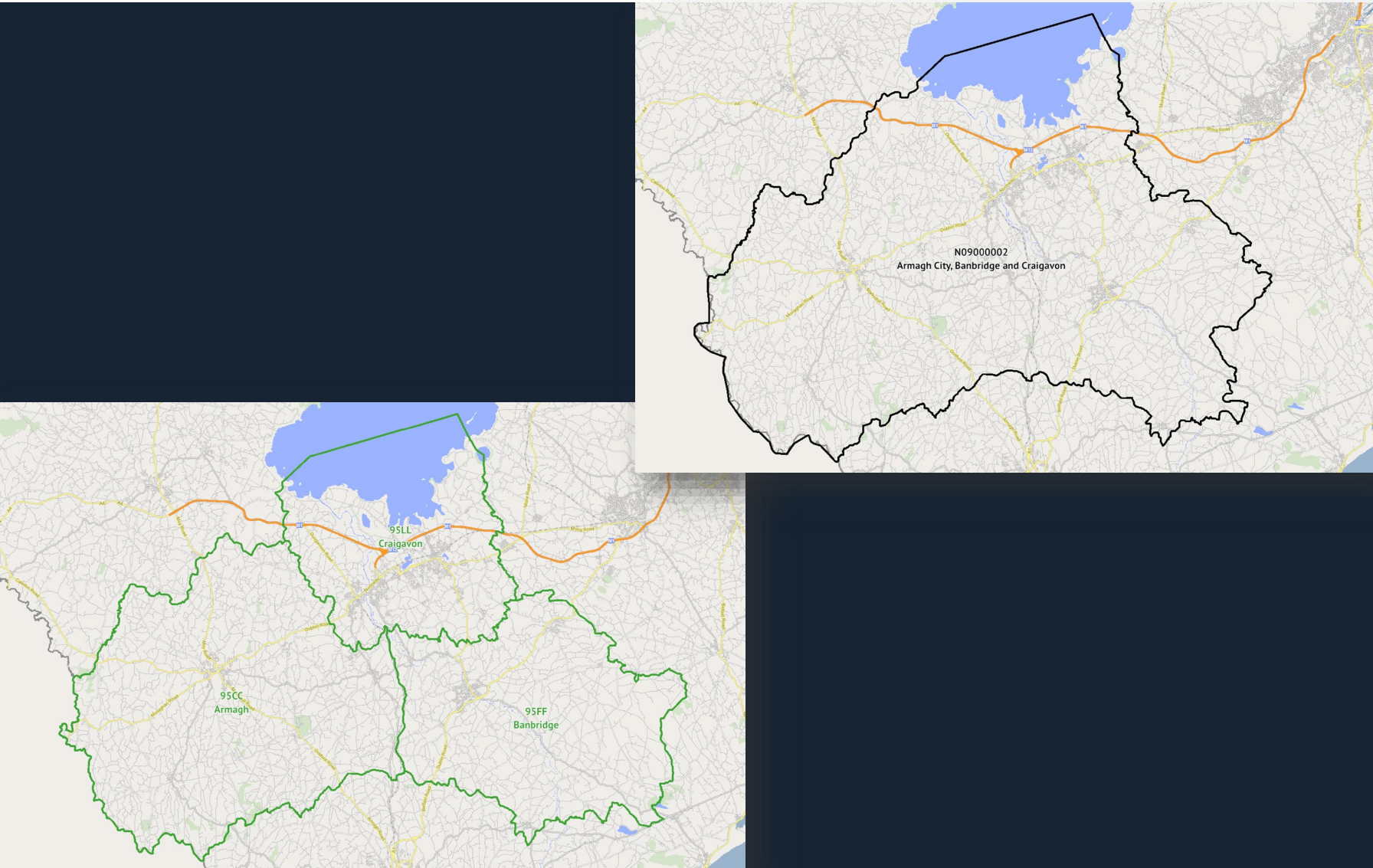
(Ignore the coastlines, which we have simplified to make them easier to use in Vision)

Northern Ireland Local Authority Districts – Antrim and Newtownabbey



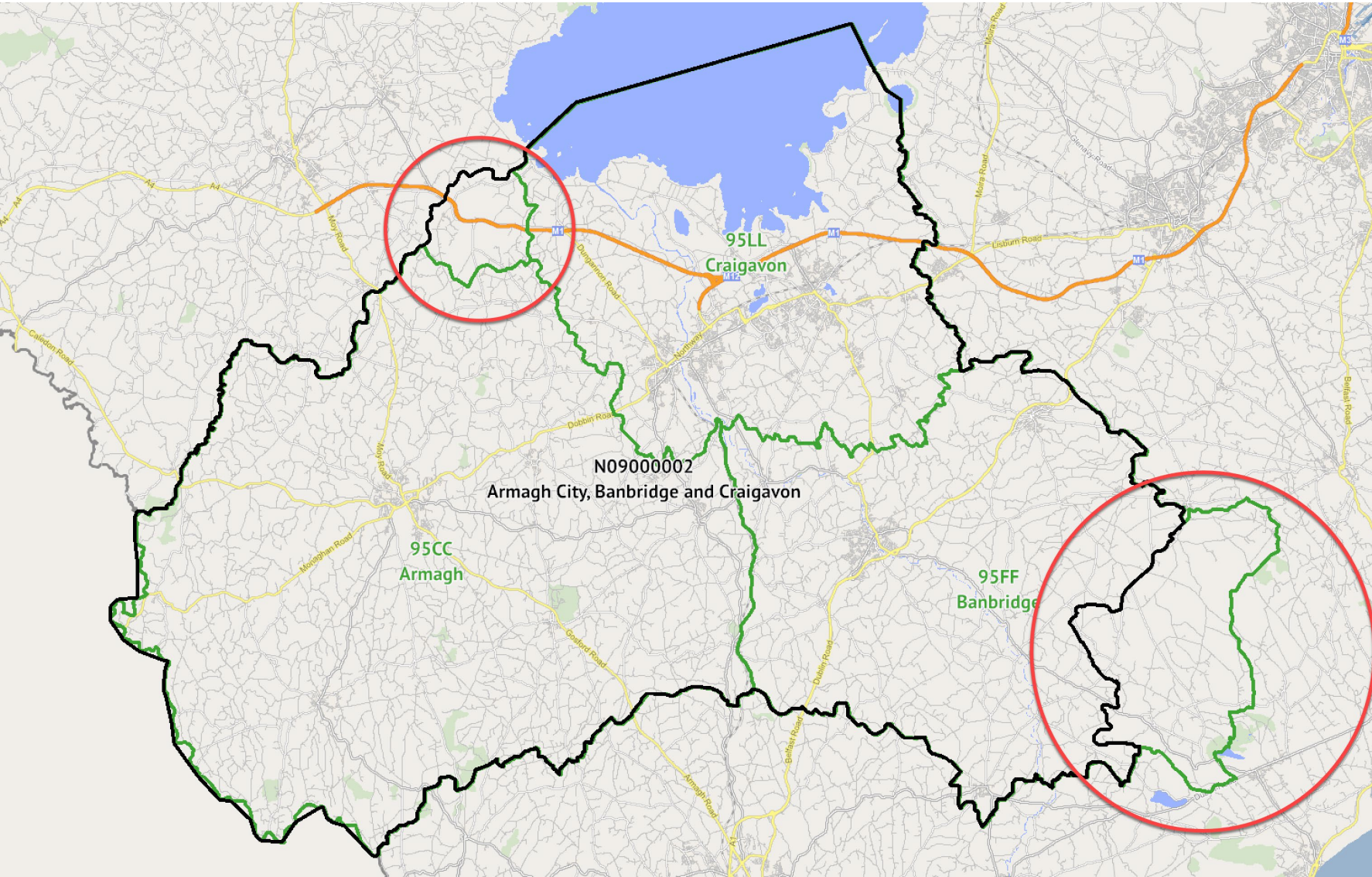
You can see in the two images how the two smaller Local Authority Districts have now become one.

The green borders show the 2011 Local Authority Districts and the black borders show the 2022 Local Authority District.

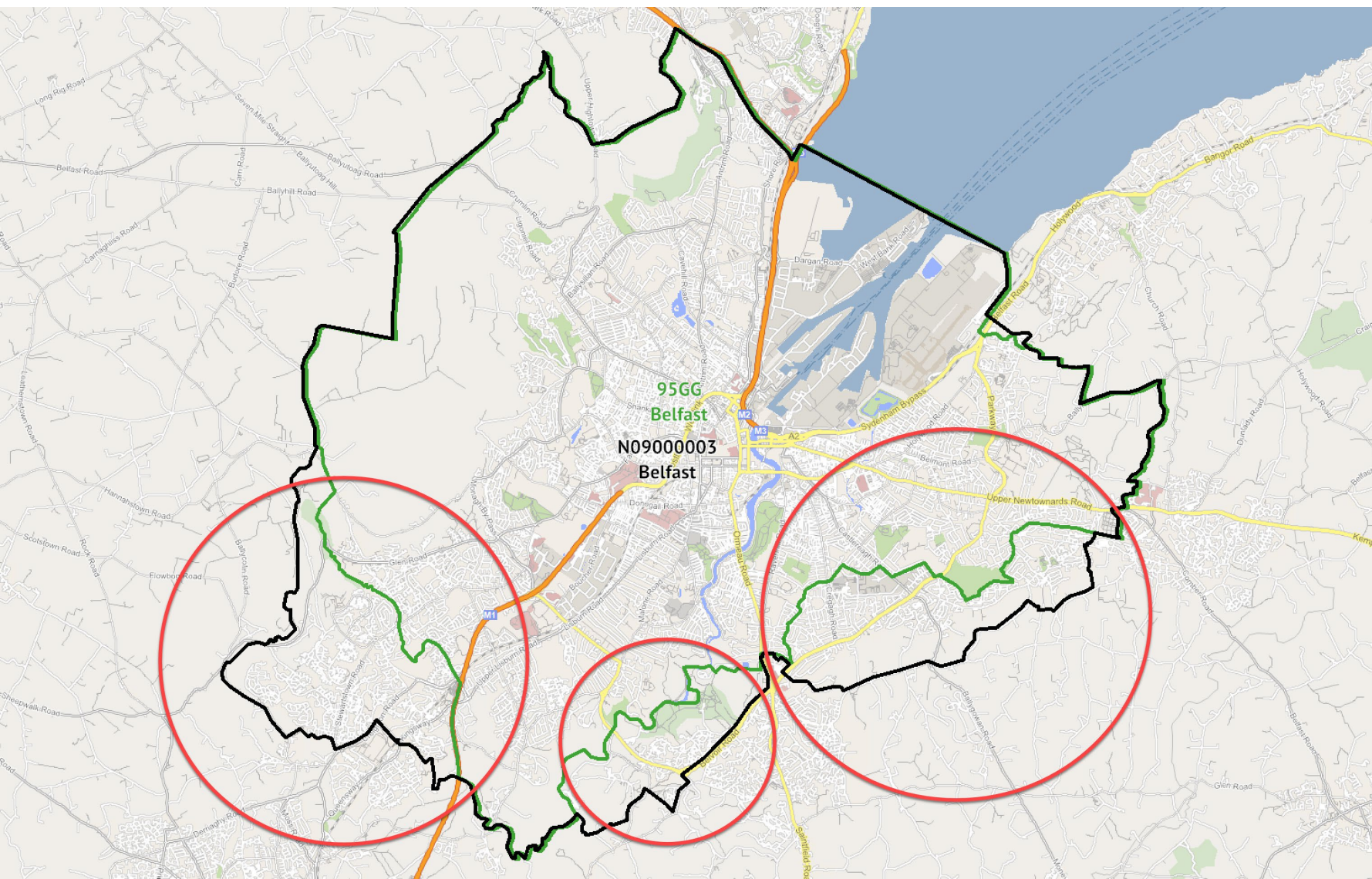


You can see in the two images how the two smaller Local Authority Districts have now become one.

The green borders show the 2011 Local Authority Districts and the black borders show the 2022 Local Authority District.



The green borders show the 2011 Local Authority Districts and the black borders show the 2022 Local Authority Districts. You can see where the lines don't quite align.



The green borders show the 2011 Local Authority Districts and the black borders show the 2022 Local Authority Districts. You can see where the lines don't quite align.



You can see in the two images how the four smaller Local Authority Districts have now become one.

The green borders show the 2011 Local Authority Districts and the black borders show the 2022 Local Authority District.

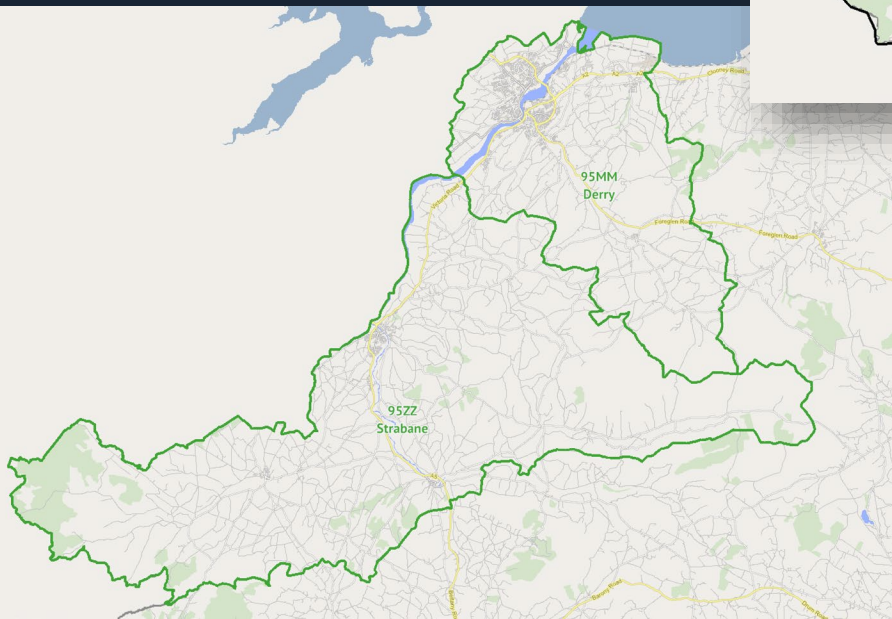
(Ignore the coastlines, which we have simplified to make them easier to use in Vision)





You can see in the two images how the two smaller Local Authority Districts have now become one.

The green borders show the 2011 Local Authority Districts and the black borders show the 2022 Local Authority District.



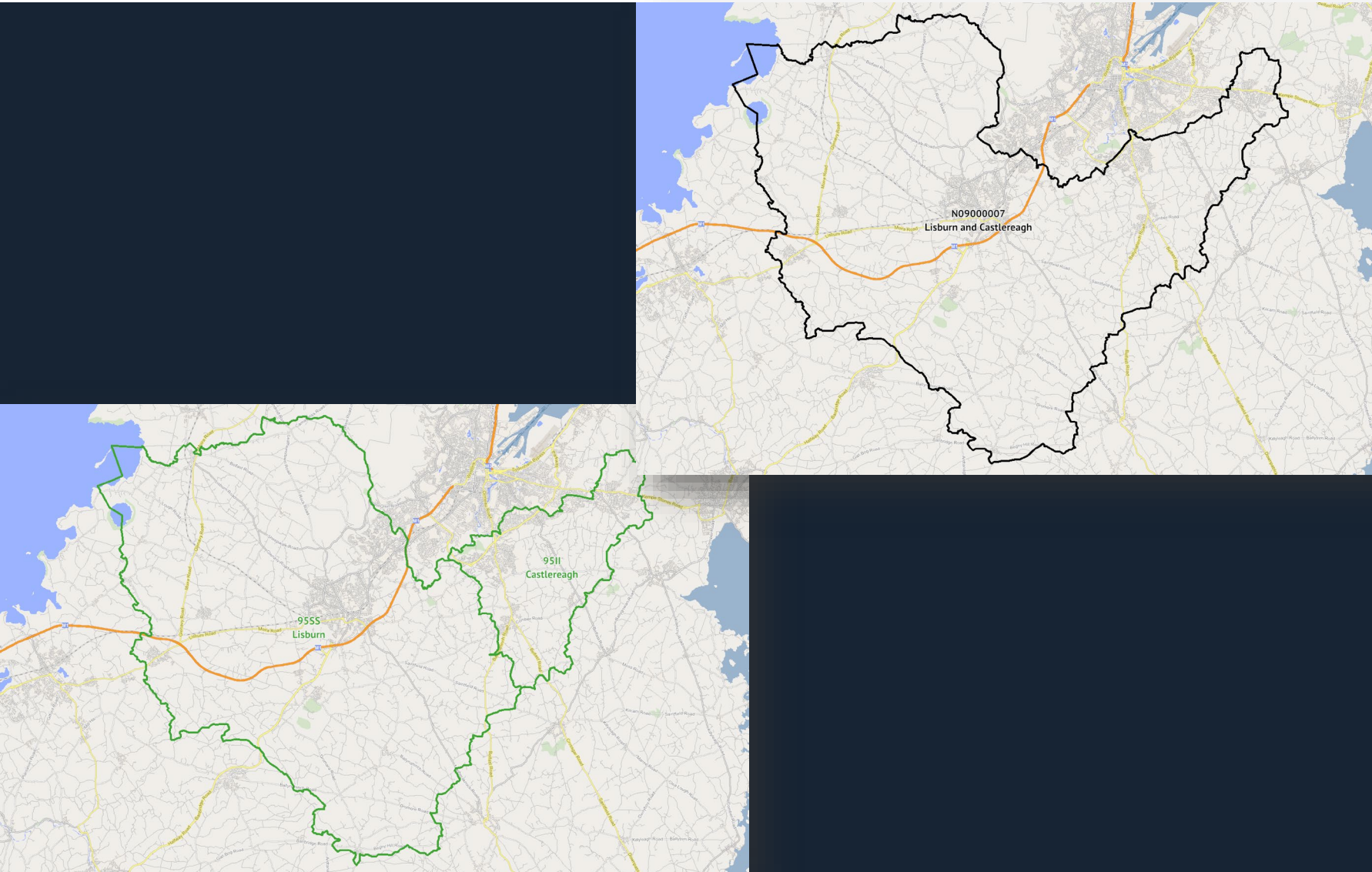
Northern Ireland Local Authority Districts – Fermanagh and Omagh



You can see in the two images how the two smaller Local Authority Districts have now become one.

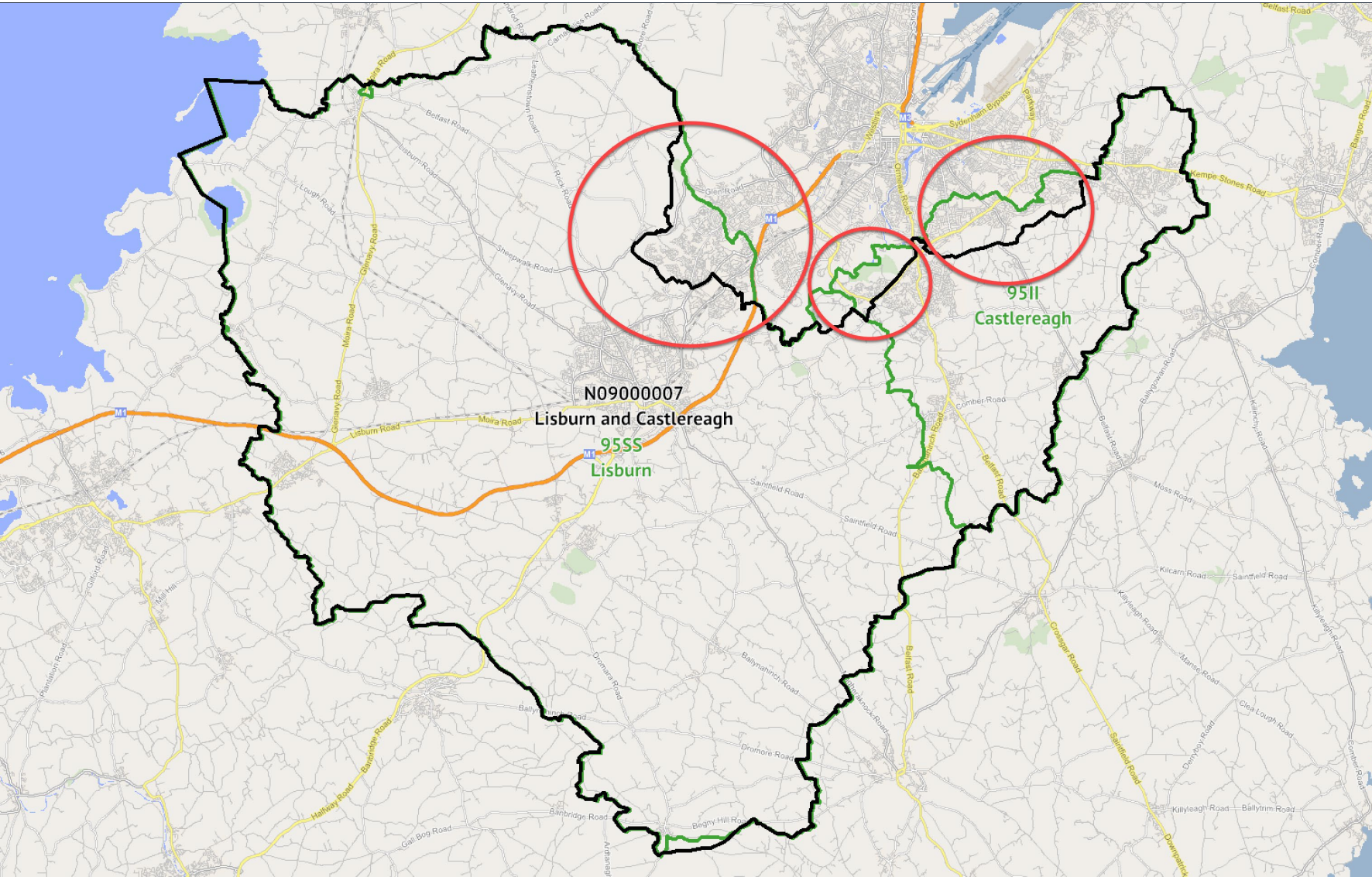
The green borders show the 2011 Local Authority Districts and the black borders show the 2022 Local Authority District.





You can see in the two images how the two smaller Local Authority Districts have now become one.

The green borders show the 2011 Local Authority Districts and the black borders show the 2022 Local Authority District.



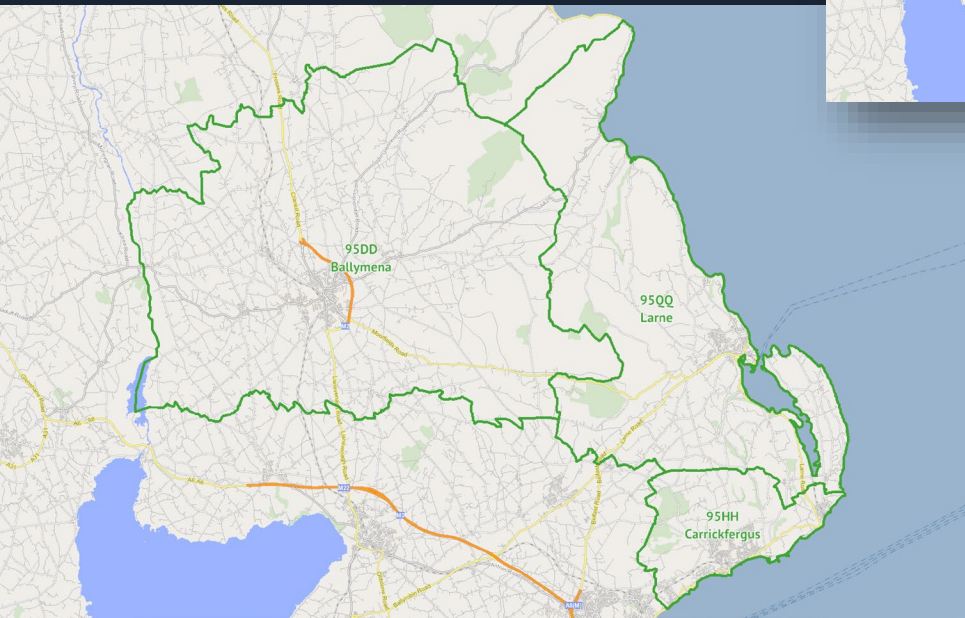
The green borders show the 2011 Local Authority Districts and the black borders show the 2022 Local Authority Districts. You can see where the lines don't quite align.



You can see in the two images how the three smaller Local Authority Districts have now become one.

The green borders show the 2011 Local Authority Districts and the black borders show the 2022 Local Authority District.

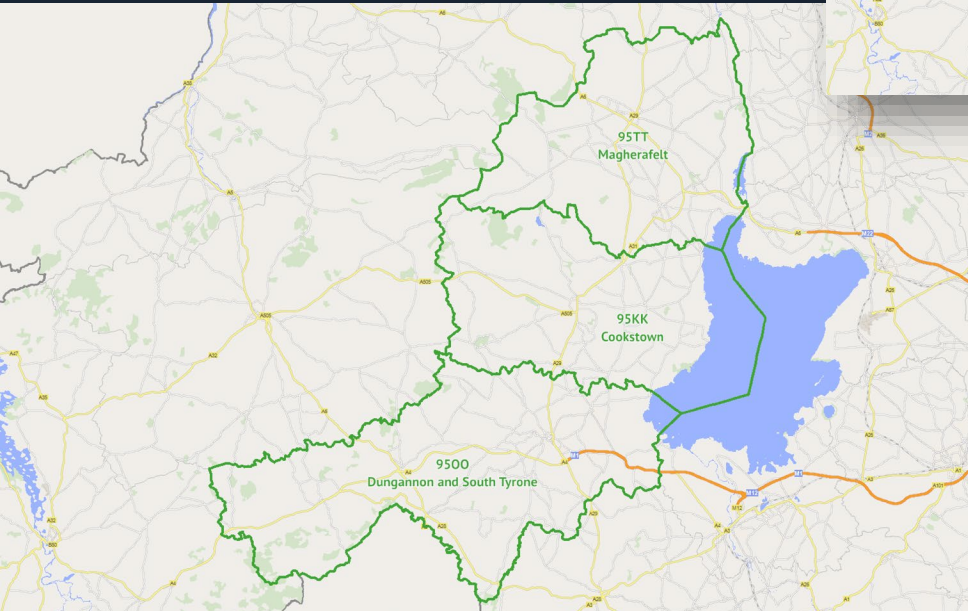
(Ignore the coastlines, which we have simplified to make them easier to use in Vision)





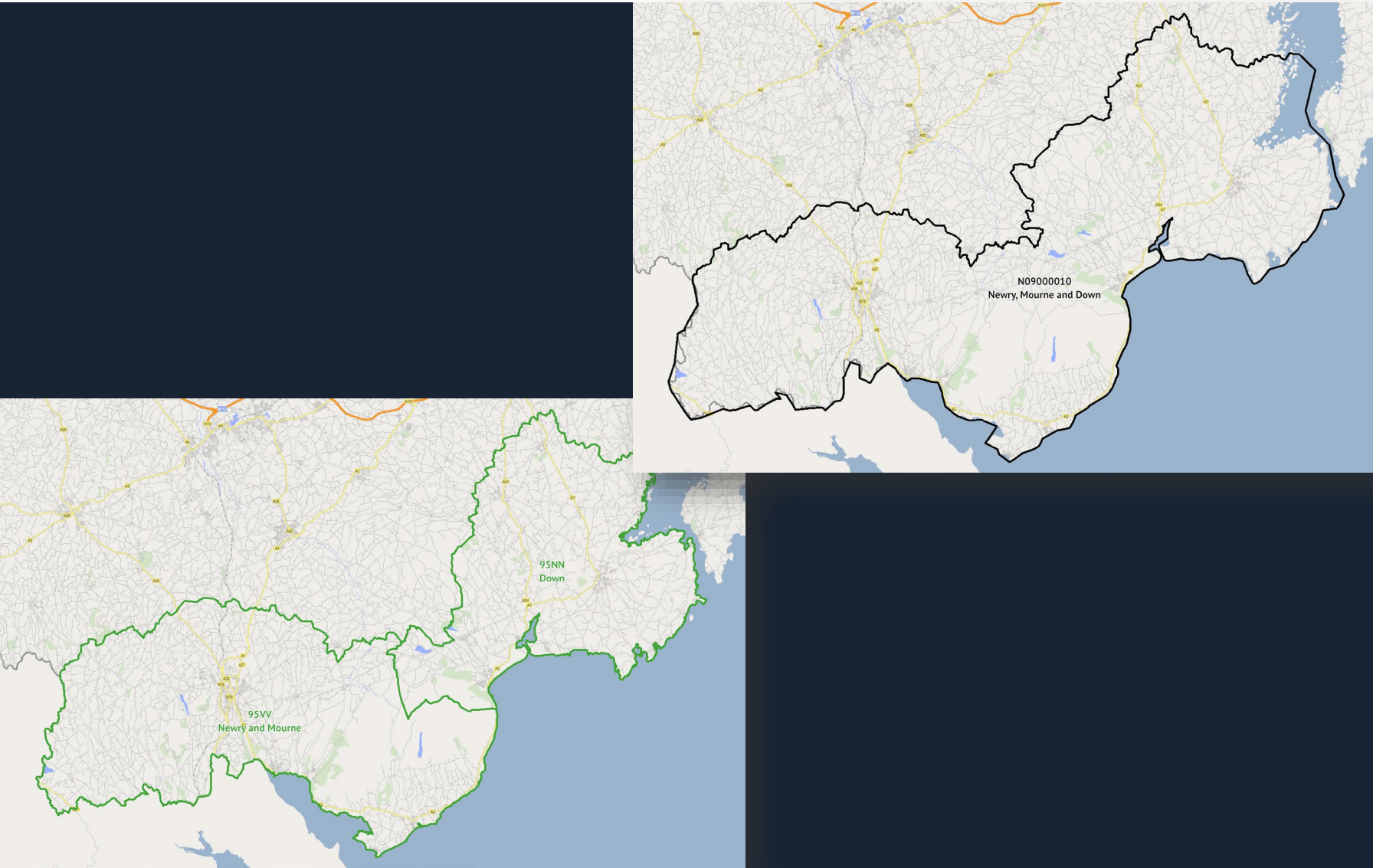
You can see in the two images how the three smaller Local Authority Districts have now become one.

The green borders show the 2011 Local Authority Districts and the black borders show the 2022 Local Authority District.





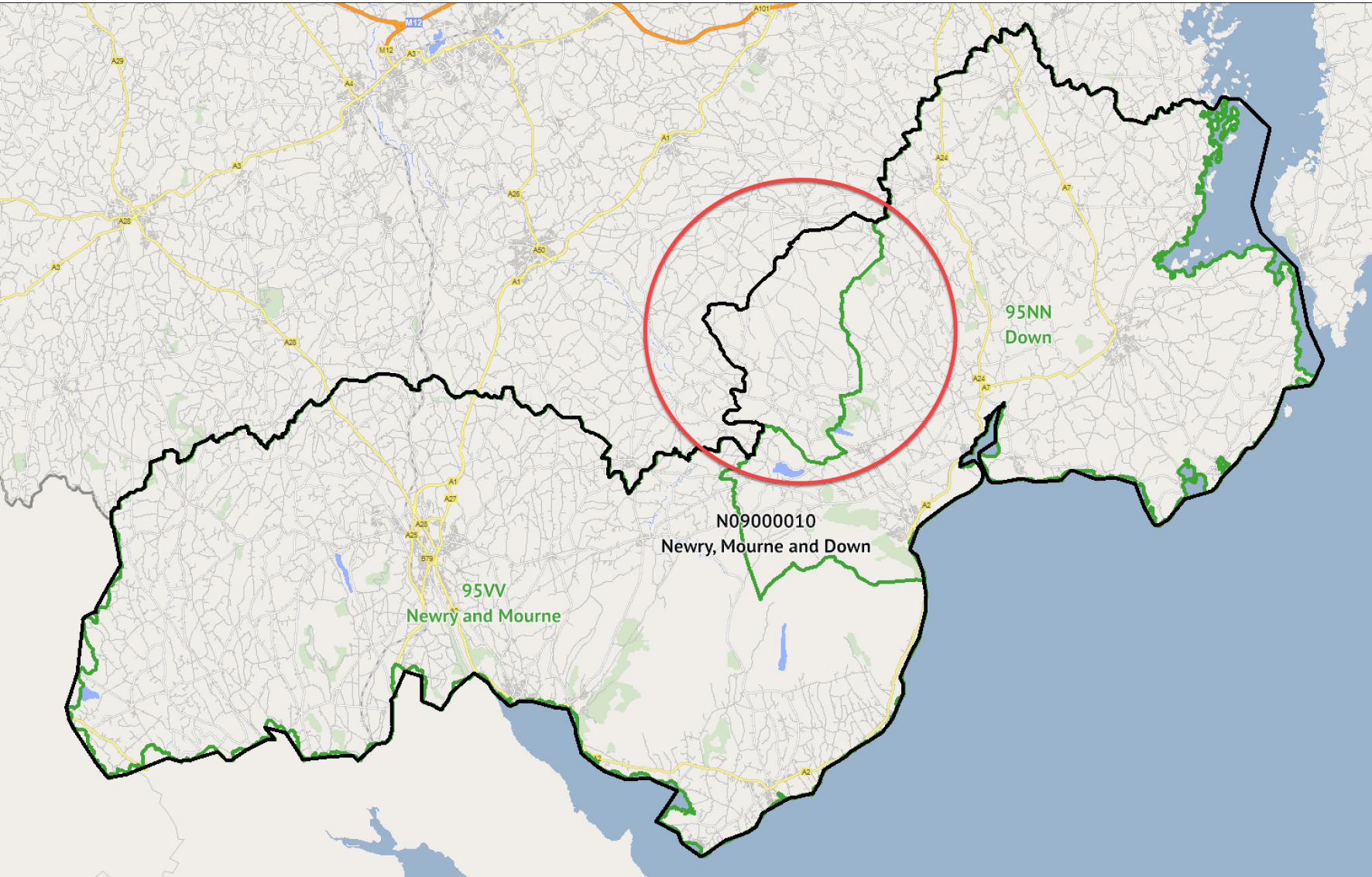
The green borders show the 2011 Local Authority Districts and the black borders show the 2022 Local Authority Districts. You can see where the lines don't quite align.



You can see in the two images how the two smaller Local Authority Districts have now become one.

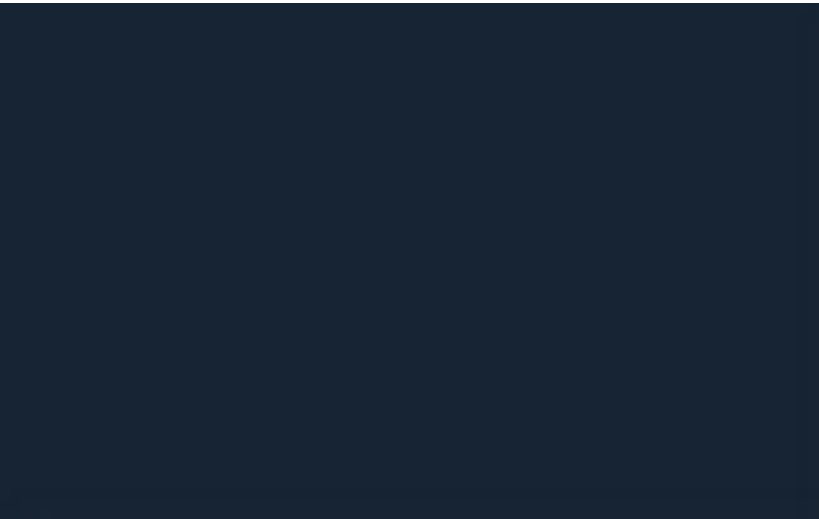
The green borders show the 2011 Local Authority Districts and the black borders show the 2022 Local Authority District.

(Ignore the coastlines, which we have simplified to make them easier to use in Vision)



The green borders show the 2011 Local Authority Districts and the black borders show the 2022 Local Authority Districts. You can see where the lines don't quite align.

(Ignore the coastlines, which we have simplified to make them easier to use in Vision)

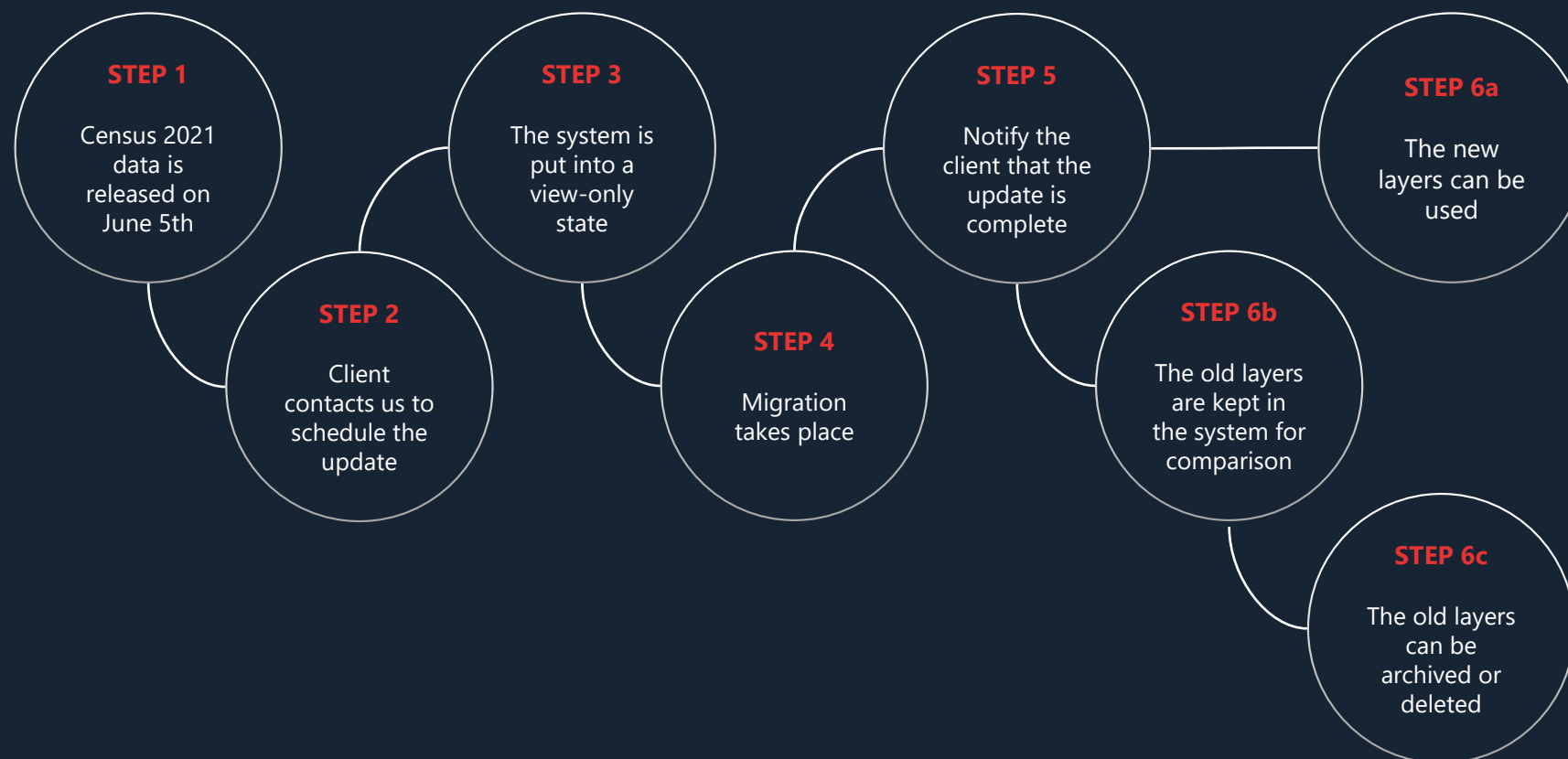


You can see in the two images how the two smaller Local Authority Districts have now become one.

The green borders show the 2011 Local Authority Districts and the black borders show the 2022 Local Authority District.

(Ignore the coastlines, which we have simplified to make them easier to use in Vision)





As Local Authority Districts are now made from a new base geography (Wards), we must carry out the update.

This will be done using an allocation file for LADs to any territory layers. It will let clients manage the changes outlined in this document and the supporting Excel file. I.e., the new larger Local Authority Districts

NOTE. Any existing territory shares will have to be created again.