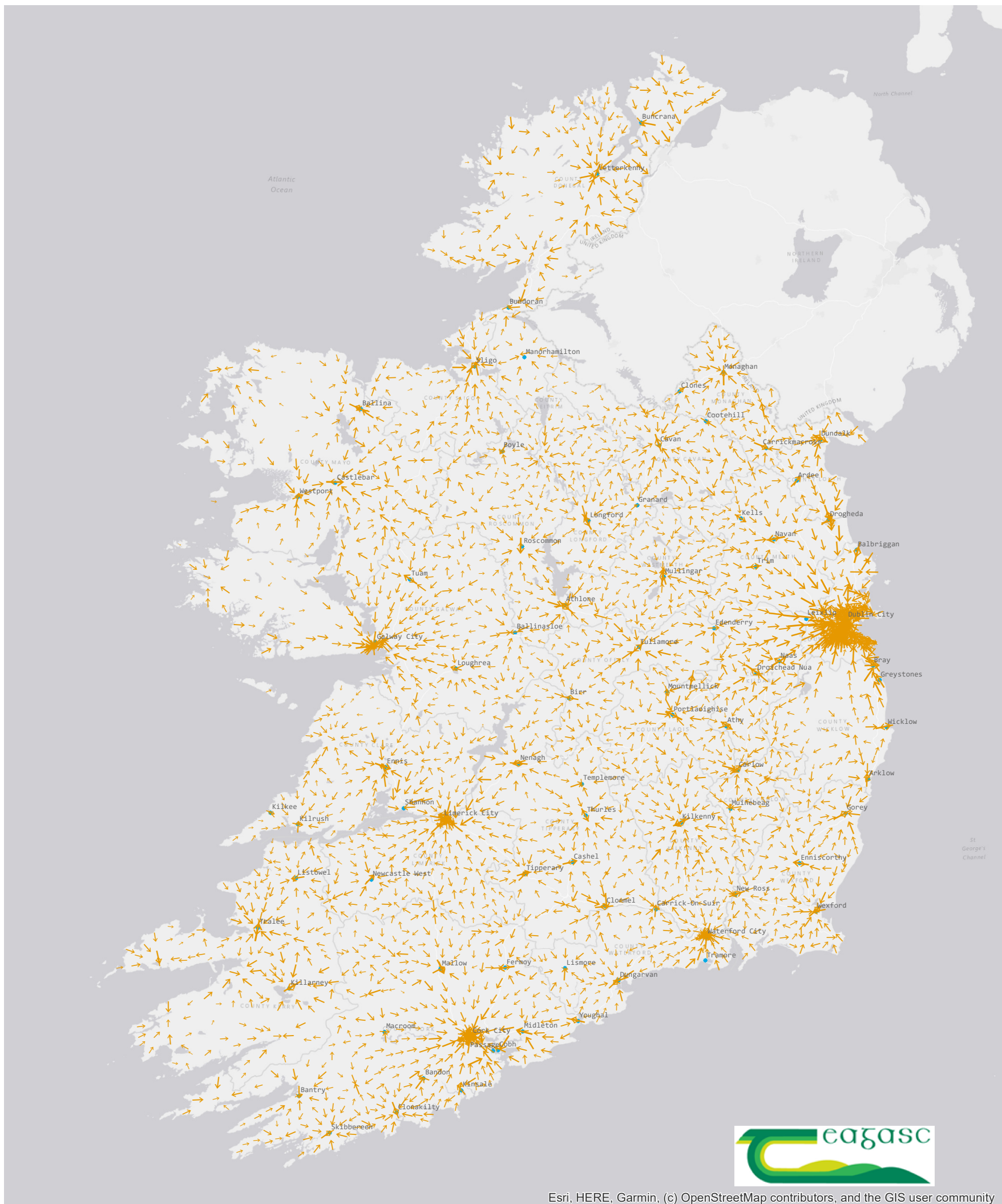


Commuting before the pandemic



Esri, HERE, Garmin. (c) OpenStreetMap contributors, and the GIS user community

As some of us return to the work and college after 18 months working from home, we look at commuting patterns before the pandemic. Here we show the direction the largest number of people in an electoral district (ED), who leave the ED for work or education, travel. Each arrow is pointing from the centre of the home ED to the centre of the destination ED. The arrows are log weighted for number of commuters - so the longer the arrow, the more people are travelling. City centre destinations are aggregated. The arrows point largely toward towns and along main roads, the urban centres acting like magnetic poles drawing people in. Whilst more people commute into Dublin than anywhere else- it is not the destination for most commuters. The majority of people live and work within the same ED or travel for less than 45mins. Along the border, especially Donegal, you can see people commuting into Northern Ireland.

Projection: ITM

Datasets used:
CSO POWCAR data 2016, ED scale
ESRI Base Map

Dr Stuart Green
Department of Agrifood Business
and Spatial Analysis