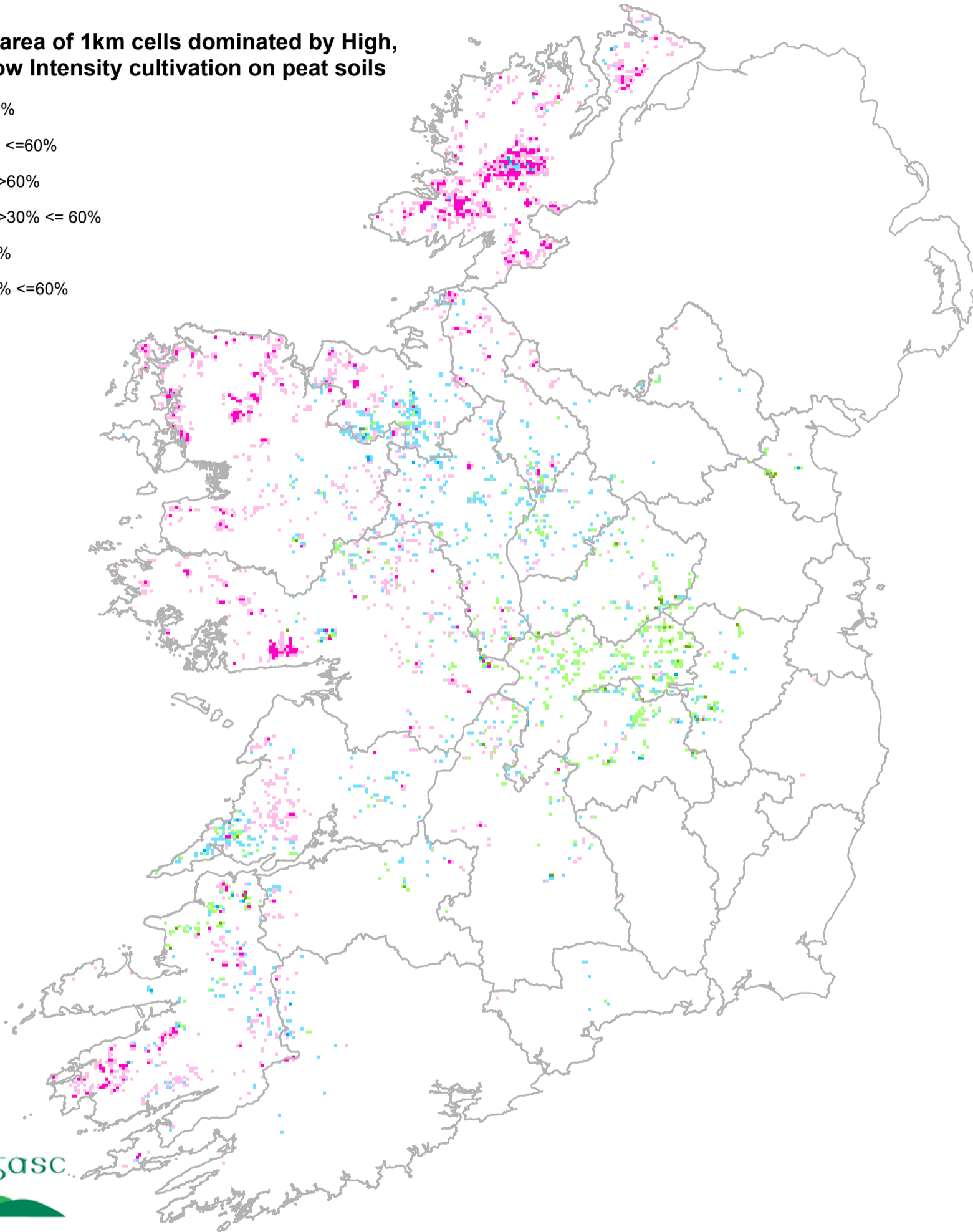
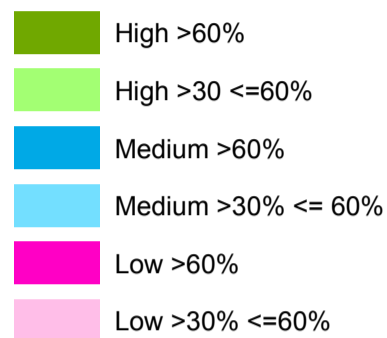


# Distribution of Cultivated Peat Soils

Percentage area of 1km cells dominated by High, Middle or Low Intensity cultivation on peat soils



This map looks at the intersection of enclosed agricultural fields and peat soils (Cut over raised bog and blanket peats). Whilst they are widely distributed the soils identified in this analysis in total only make up approximately 6% of the country. The map excludes all non-cultivated peat soils (intact bogs, BNM bogs etc), commonage areas, and forested areas. We used a national Sentinel 2 archive from 2018, and took the highest NDVI value of each pixel in the year- this then was binned into 3 bins, Low, Medium, High to give a rough indicator of productivity/management. Whilst this analysis was at the field scale- the map shows the percentage of land within 1km cells that are cultivated peats and the legend indicates the level of agricultural intensity on peat soils.

Cells with less than 30% of cultivated peat soils are not shown on the map but are included in the area analysis.