

NCEA Pilot: Neighbourhood and Parish Plans



6th January 2021

What is natural capital?

Natural Capital is defined as:

"..elements of nature that directly or indirectly produce value or benefits to people, including ecosystems, species, freshwater, land, minerals, the air and oceans, as well as natural processes and functions"

UK Natural Capital Committee 2014.



Ecosystem services and benefits

Natural Capital is the stock of natural assets, for example, habitats, soils, water and biodiversity

This natural capital produces a wide range of ecosystem services that provide benefits to people







Greenspaces and place-making

- Quality green spaces deliver a range of benefits that have real value to society, create community well-being, and enhance liveability and sense of place.
- A comprehensive assessment of natural capital and the benefits that it provides (the ecosystem services) enables planners and developers to deliver high quality and sustainable places that are highly valued by society.
- Covid 19 has highlighted the importance of local green spaces that provide multiple benefits.







Policy alignment

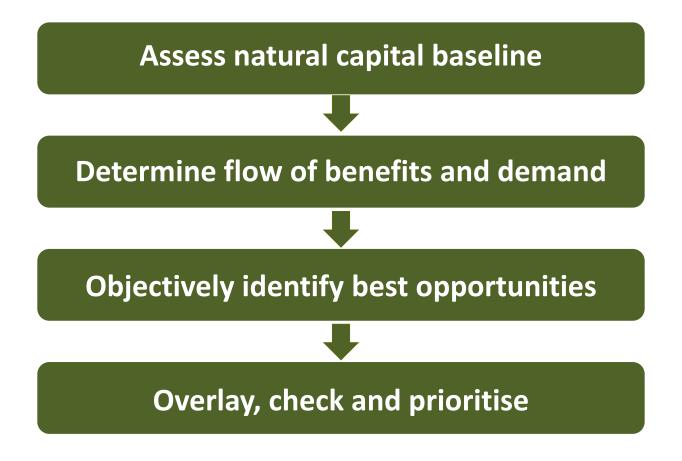
- The Environment Bill
- Biodiversity and environmental net gain
- Local nature recovery networks / strategies
- Agricultural reform and the new Environmental Land Management Scheme (ELMS)

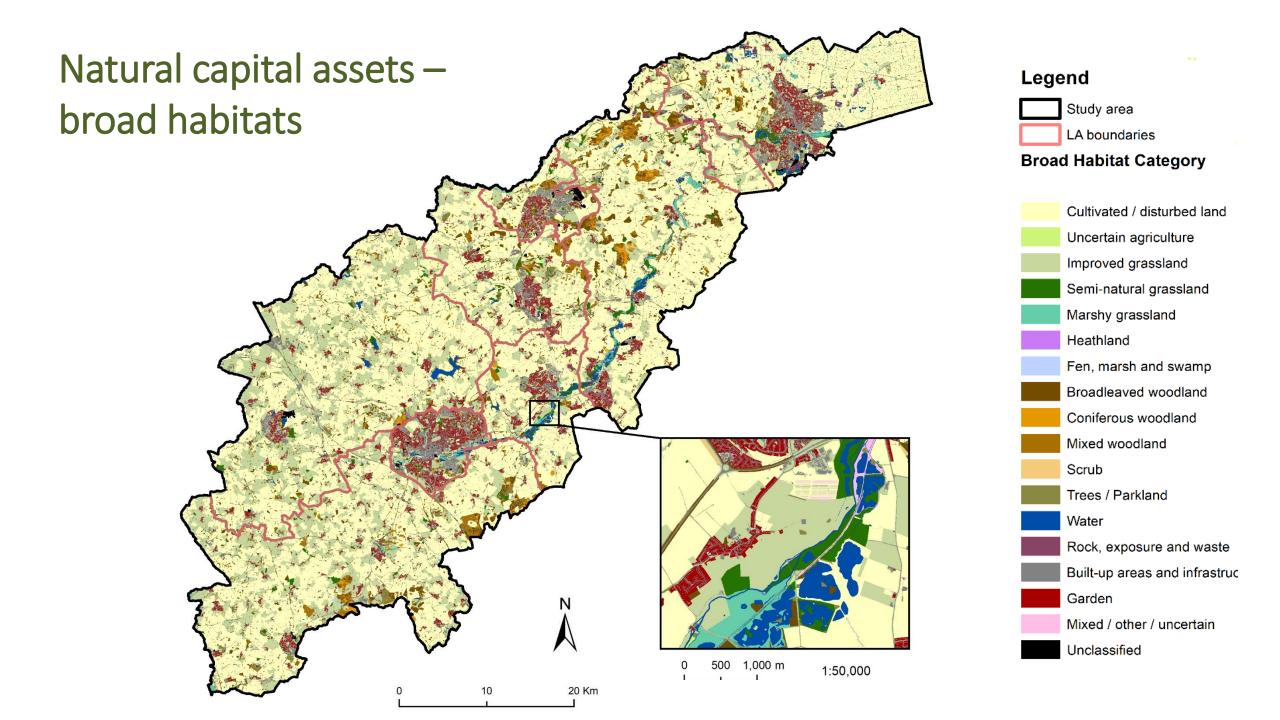


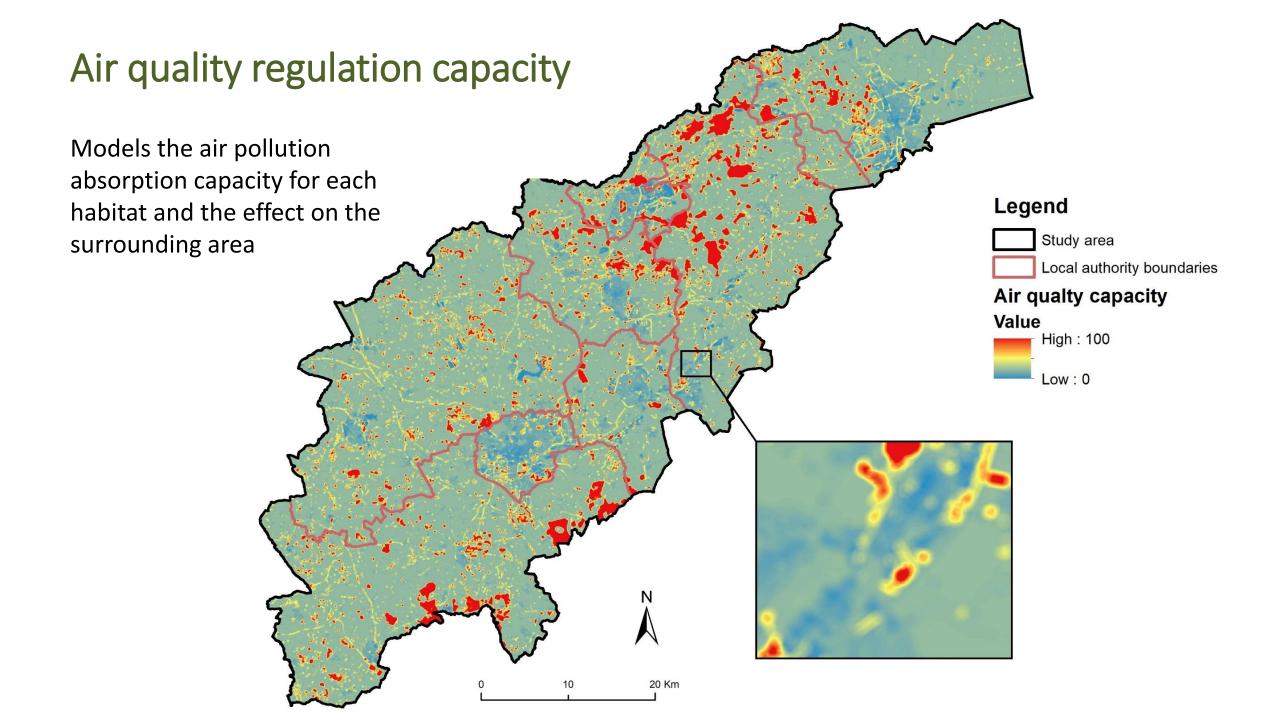


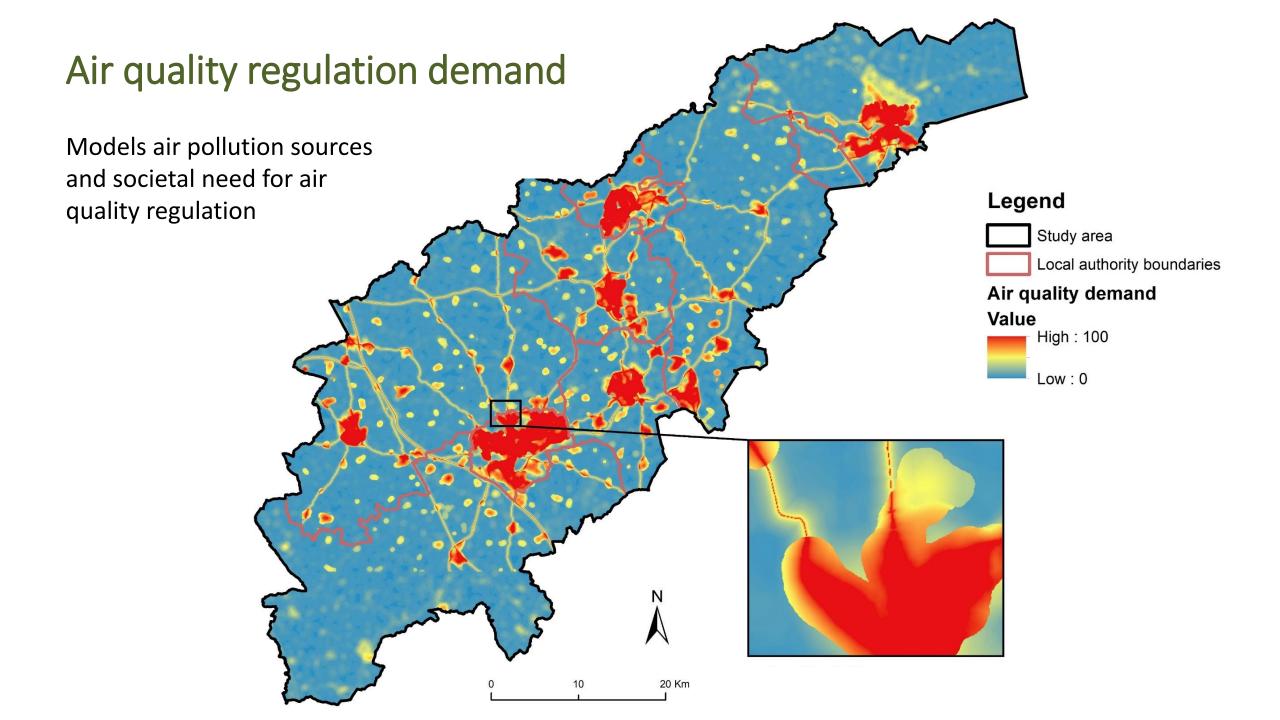
- Quality of place is important for attracting people and businesses to the area
- OxCam Arc
- Links to the climate change policy and aims to go carbon neutral

Natural capital in planning policy









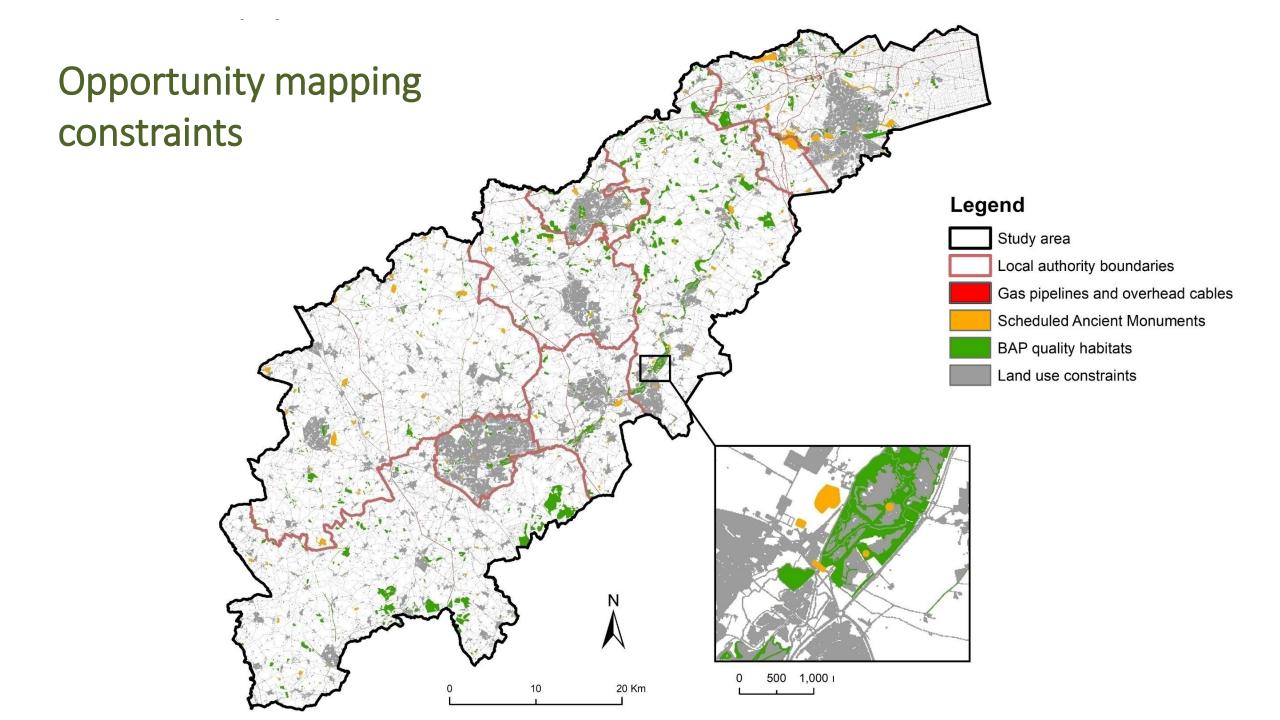
Habitat opportunity mapping

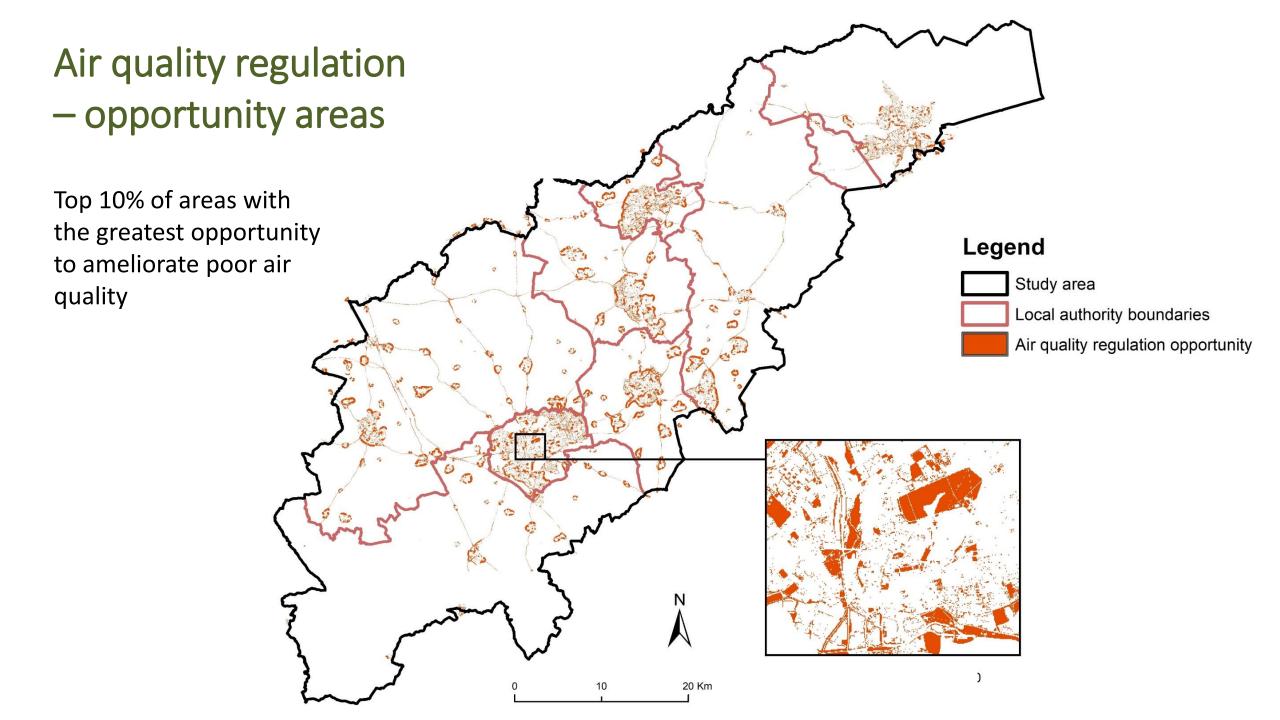
- A GIS based approach used to identify potential areas for the expansion of key habitats across a landscape.
- Requires a detailed map of natural capital assets (habitat map) and takes constraints into account.
- Mapped opportunities for the following:
 - 1. To enhance biodiversity
 - 2. To reduce surface runoff
 - 3. To reduce soil erosion and improve water quality
 - 4. To ameliorate air pollution
 - 5. To increase access to natural greenspace
- Maps combined to highlight opportunities to deliver multiple benefits at the same time.

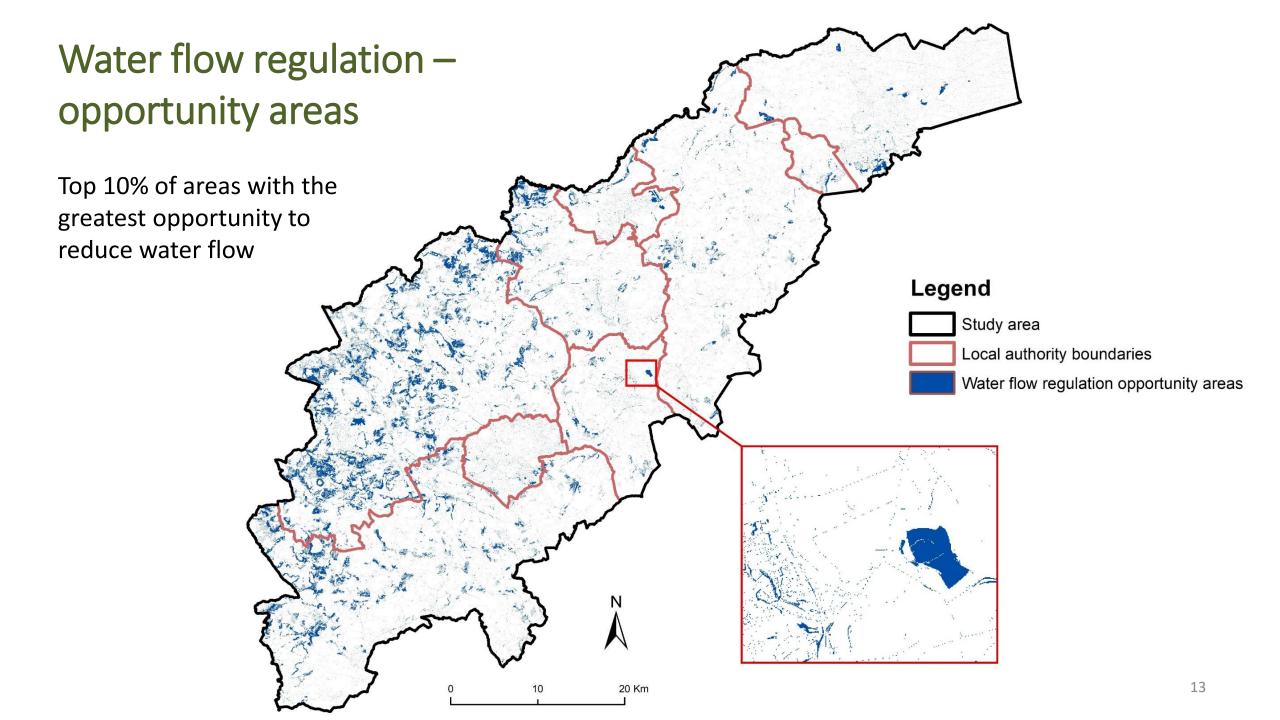


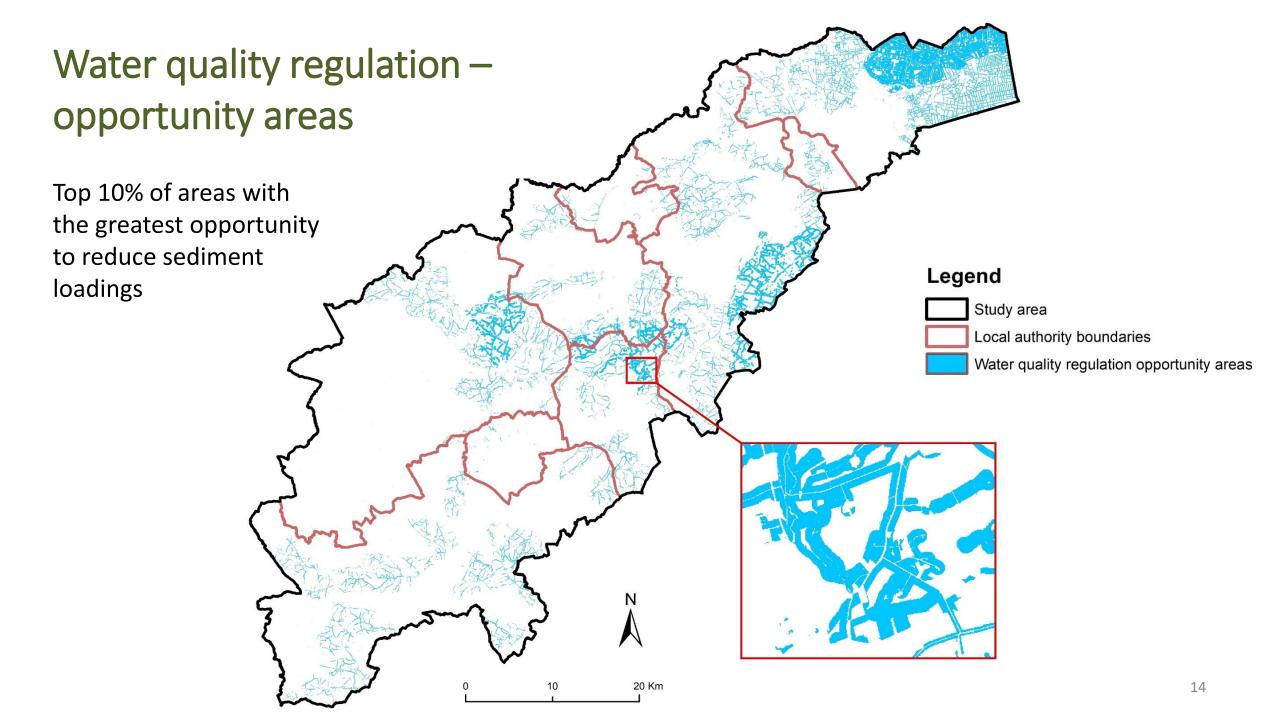


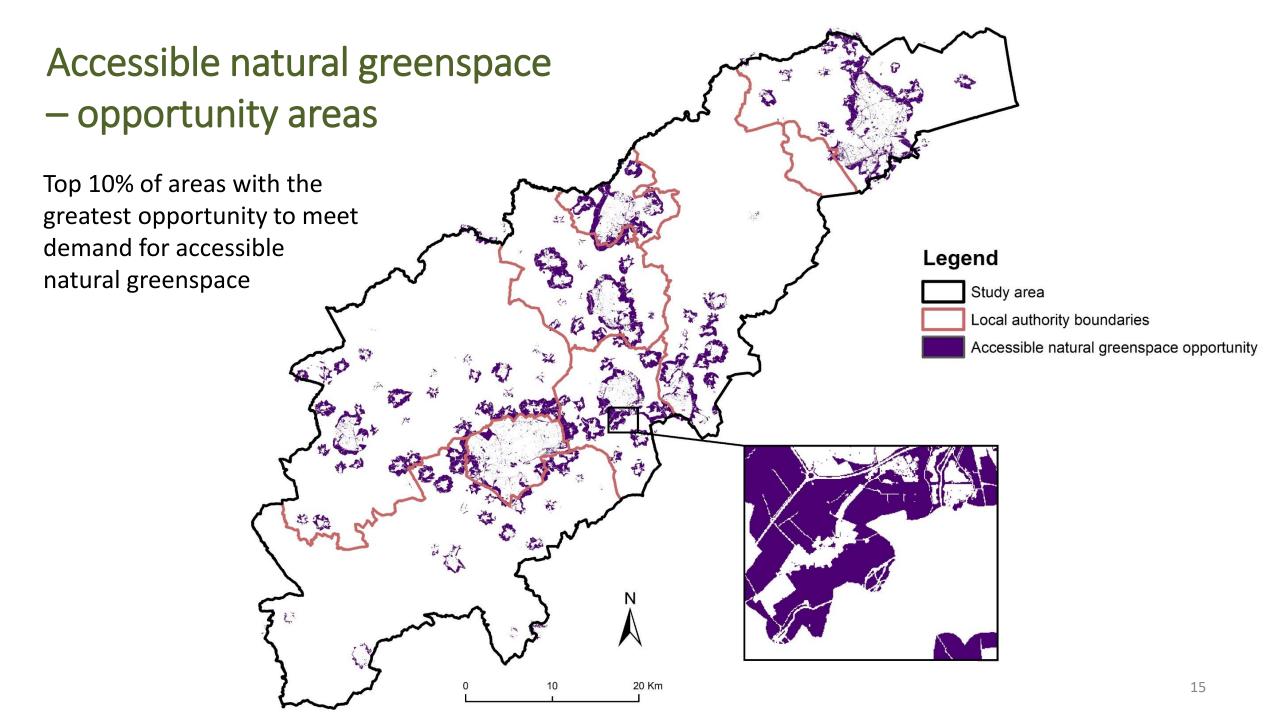


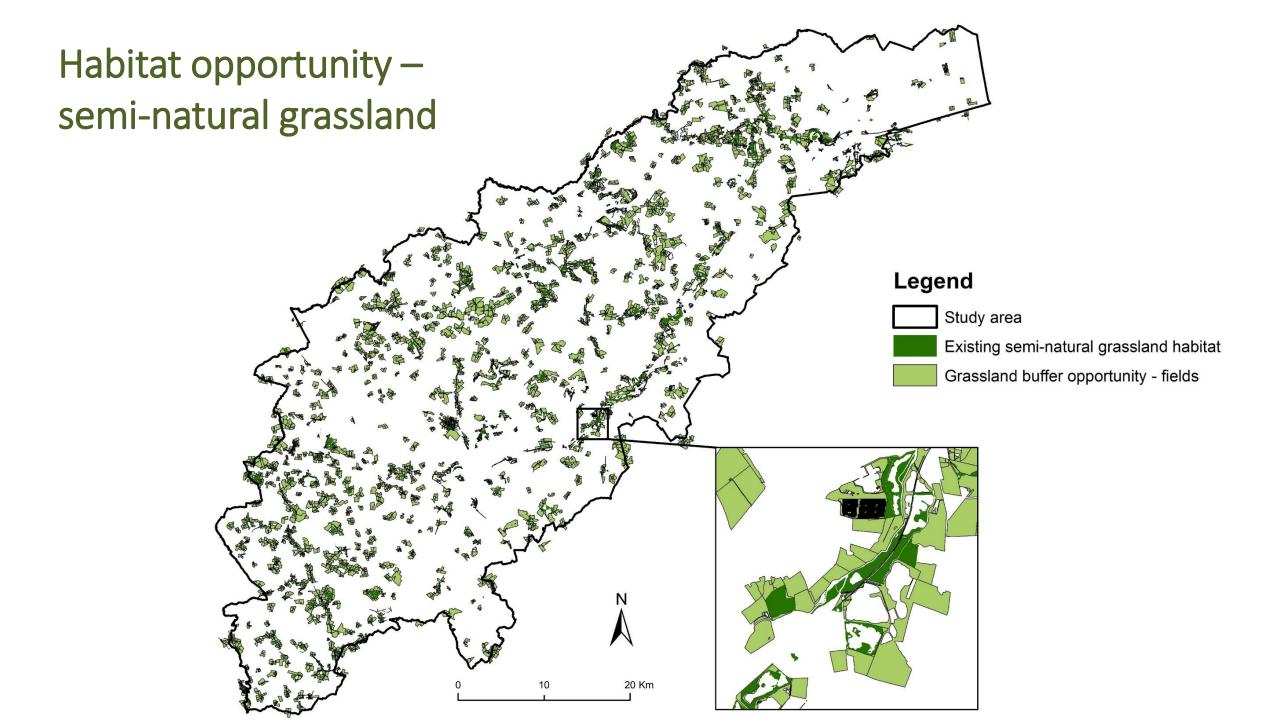


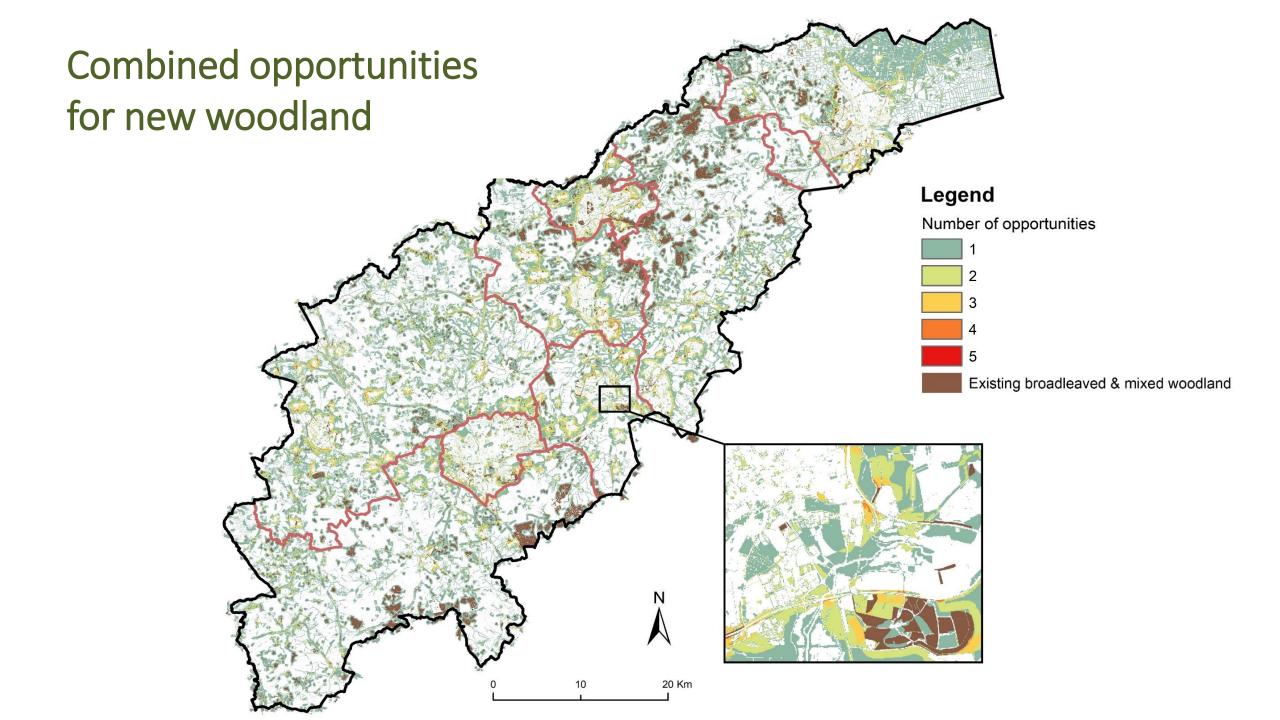












Prioritising locations

