EcoServ-GIS

Air Purification Demand

Air Purification Service - Summary

Usage	Promotion / Publicity	✓
	Strategic / Conservation planning	⚠
	Site planning	⚠
Landscape	Urban	✓
	Urban fringe	✓
	Rural	✗
	Uplands	✗
Scale	Site (e.g. to 1 km²)	⚠
	Catchment (e.g. to 100 km²)	✓
	County / Region (e.g. to 5,000 km²)	✓
Model reliability	High	
	Medium	✓
	Low	

Legend

— Red line boundary

▭ SDNPA boundary

Demand Scores

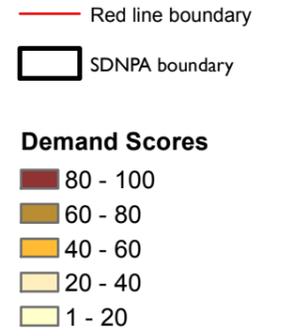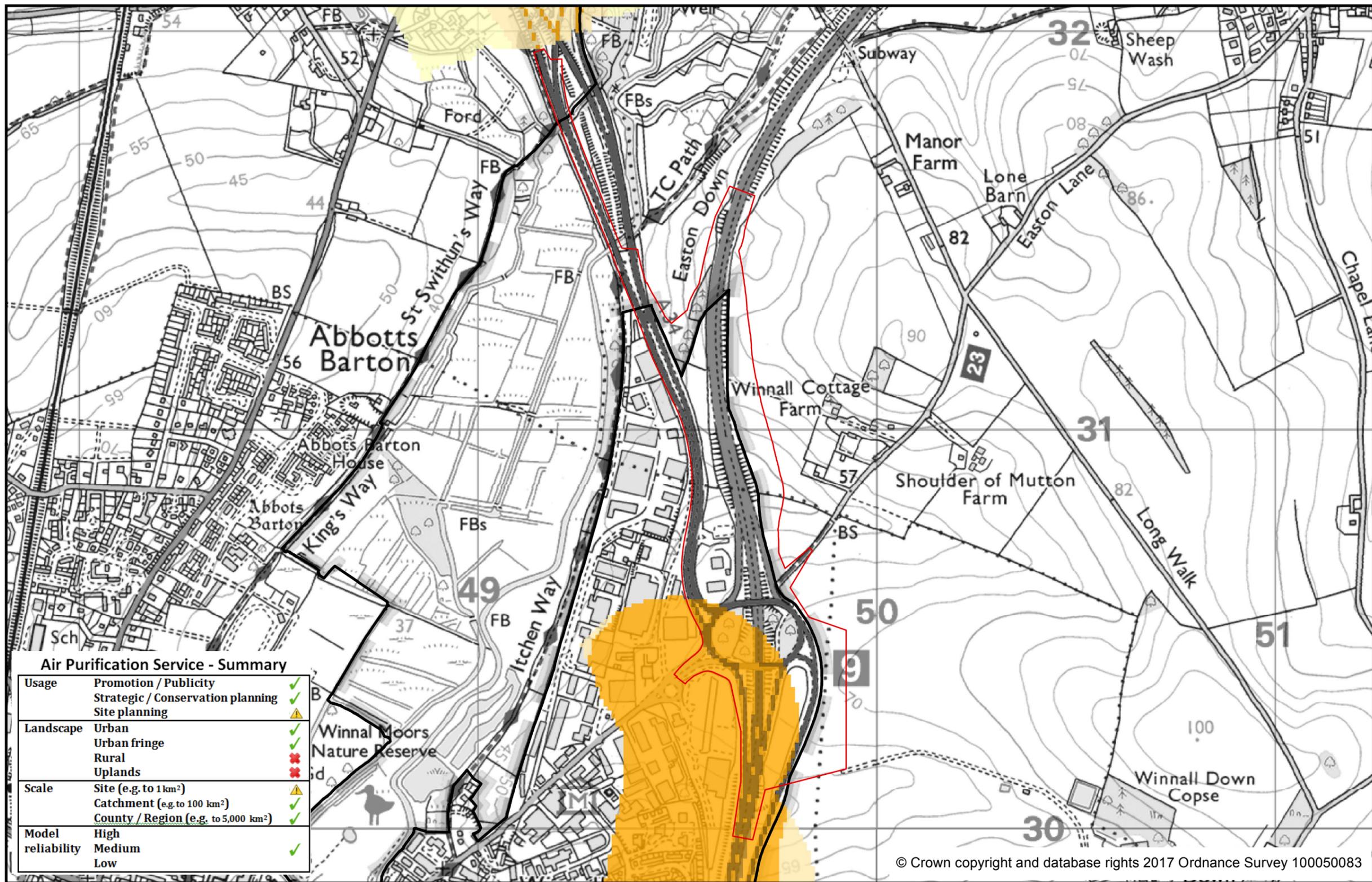|	
▮	80 - 100
▮	60 - 80
▮	40 - 60
▮	20 - 40
▮	1 - 20

Scores are on a 1 to 100 scale, relative to values present within the Study Area. White space within the Study Area shows areas with no data or with no capacity

EcoServ-GIS models executed by Sussex Biodiversity Record Centre (hosted by Sussex Wildlife Trust).

South Downs National Park Authority

Sussex Biodiversity Record Centre

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Air Purification occurs where habitats help to intercept or absorb airborne pollutants produced from road traffic.

METHODS: High values represent areas where there is a combination of higher population density, higher health deprivation scores and higher predicted air pollution levels based on proximity to roads. Threshold and search neighourhood values can be modified by the user. Default values are: Maximum air pollution occurence distance from roads = 400 m, Manmade surface cover = 400 m radius, Population density = 300 m, Health scores = 300 m

LIMITATIONS: EcoServ-GIS relies on indicators to predict levels of capacity and demand. Results are relative to the study area and cannot be compared to other areas. Local knowledge must be used to interpret what the values mean in absolute terms.

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LIVING LANDSCAPES — NORTH EAST WILDLIFE TRUSTS

Scottish Wildlife Trust

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0   0.4 Kilometers

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N

1:10,000

(at A3 paper size)