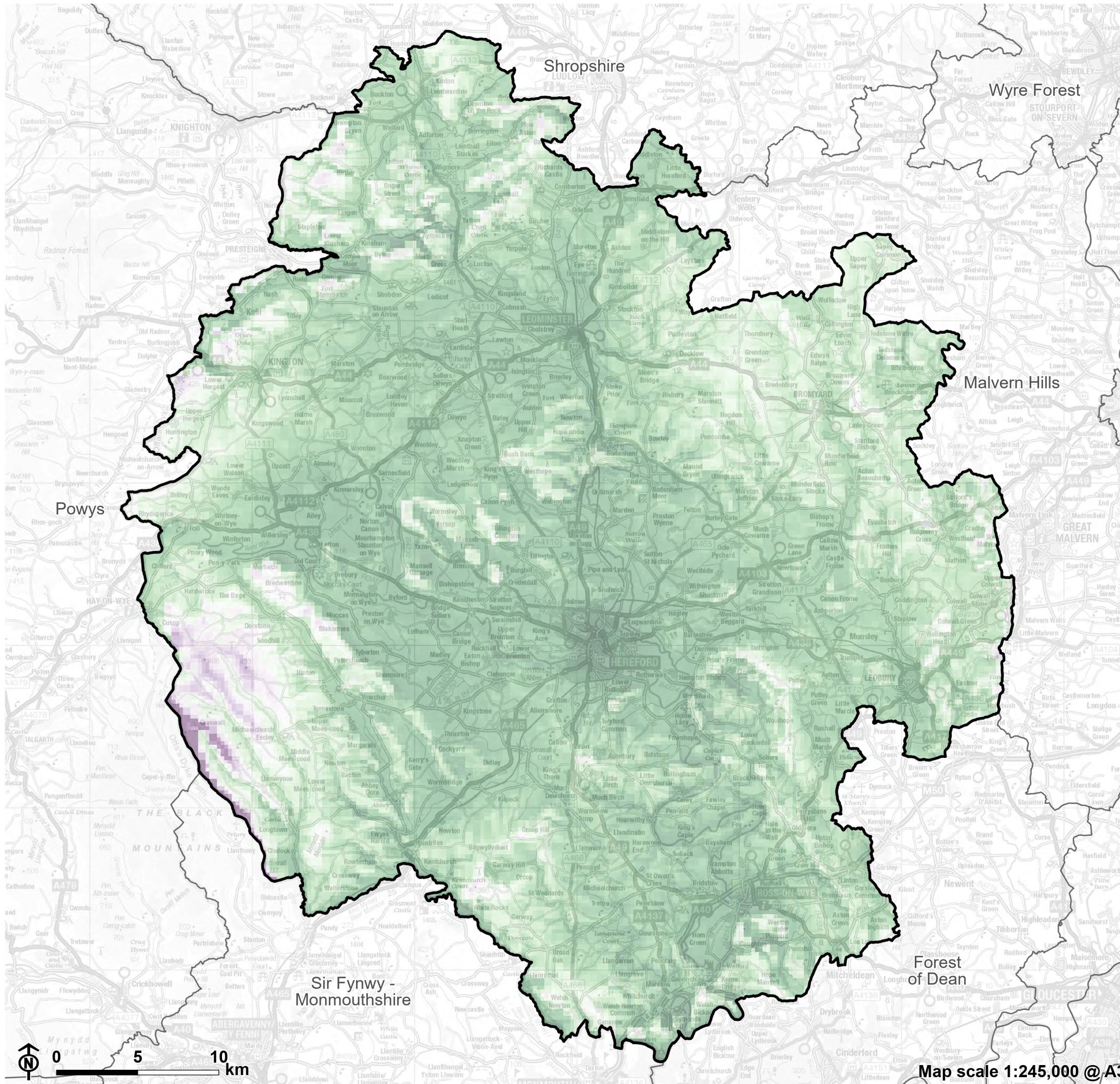


# Appendix B

## Wind Maps

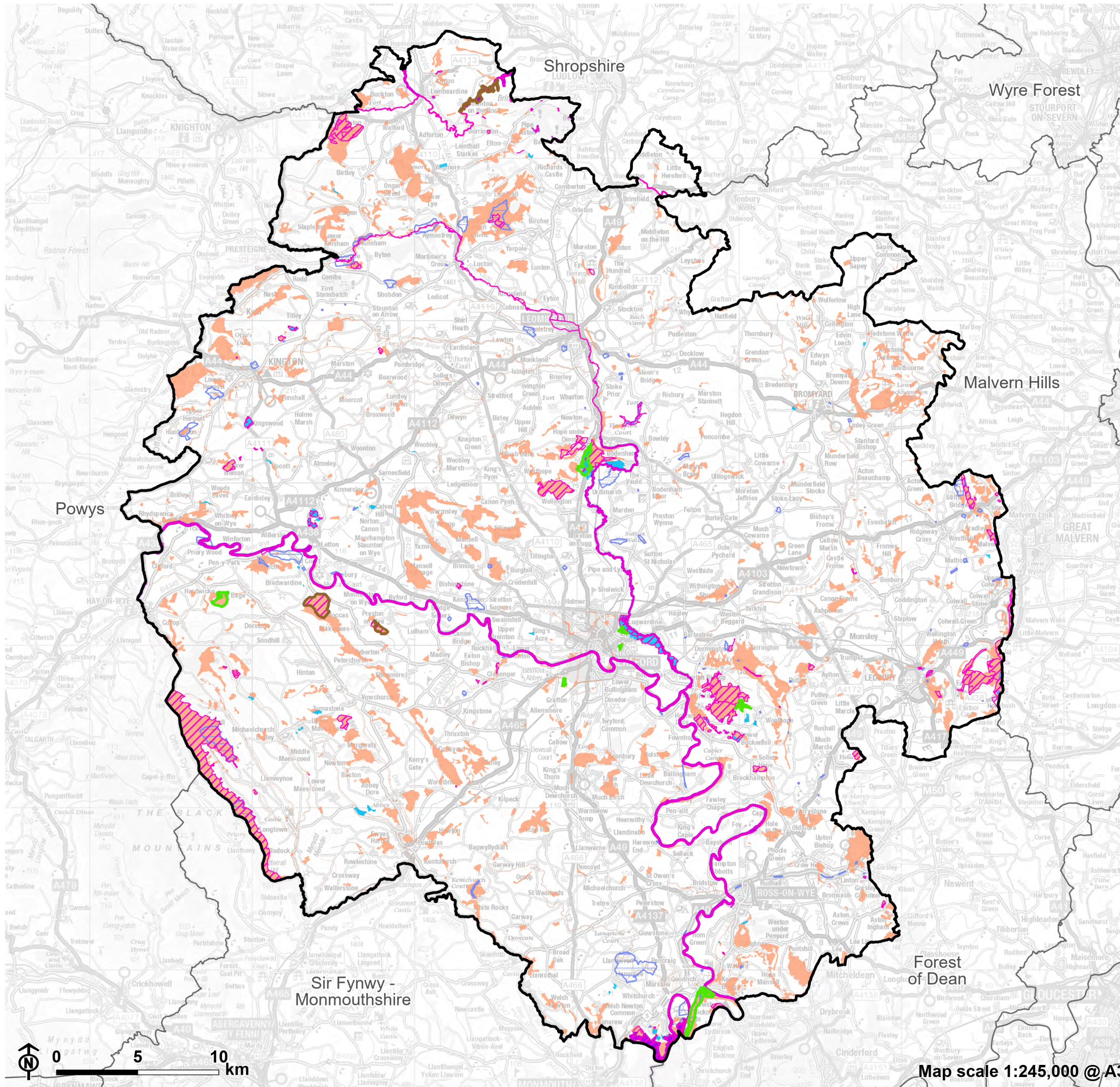


**Figure B.1: Wind constraints - Wind speed at 50m above ground level**

Local authority  
 Neighbouring local authority  
**Wind speed at 50m above ground level**  
 14 m/s  
 4 m/s

**Notes:**  
Global Wind Atlas 3.0, a free, web-based application developed, owned and operated by the Technical University of Denmark (DTU). The Global Wind Atlas 3.0 is released in partnership with the World Bank Group, utilizing data provided by Vortex, using funding provided by the Energy Sector Management Assistance Program (ESMAP). For additional information: <https://globalwindatlas.info>. Please refer to this map in conjunction with the assessment assumptions detailed in Appendix A.

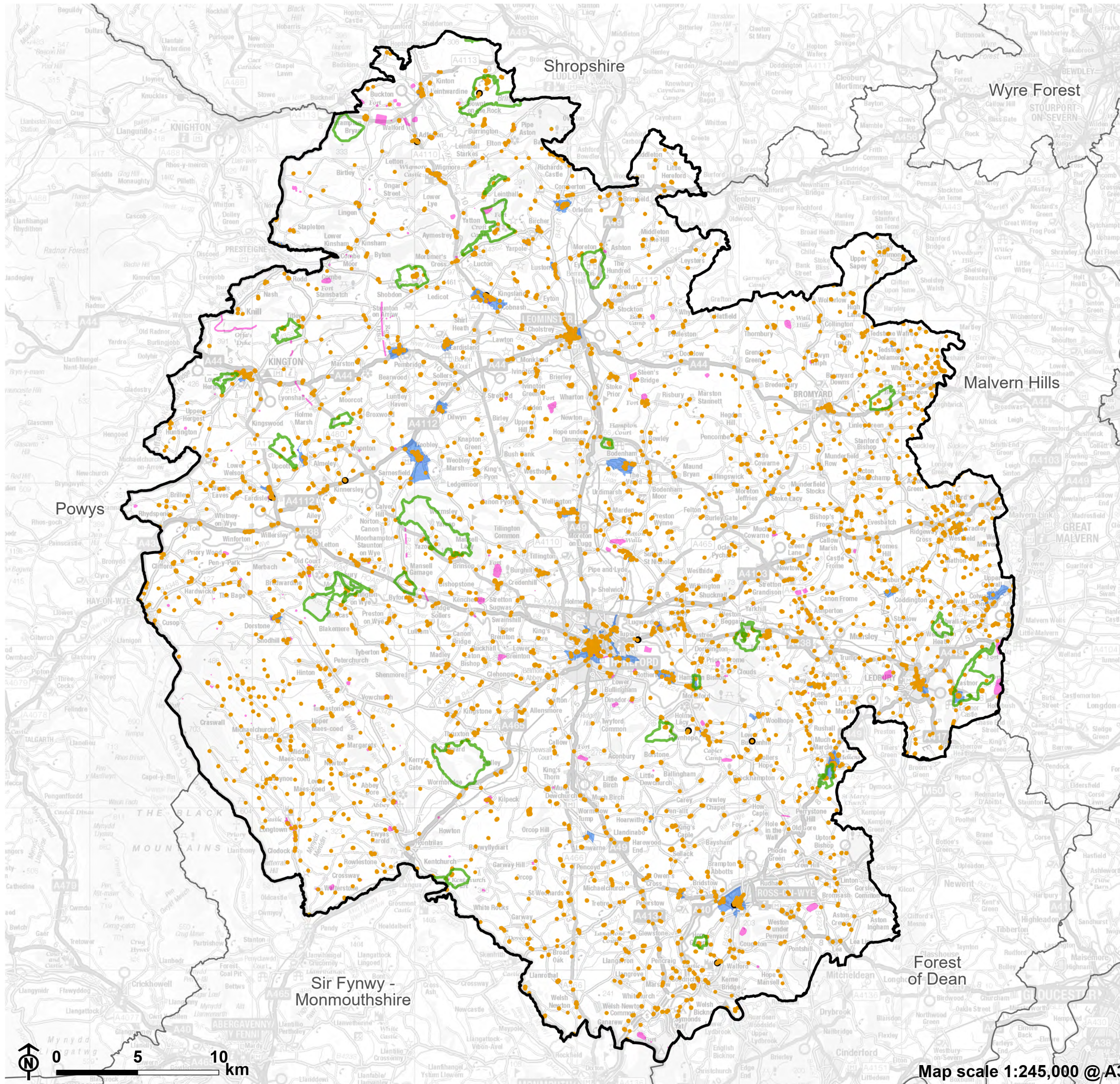
**Figure B.2: Wind constraints - Natural heritage constraints**



- Local authority
- Neighbouring local authority
- Local Nature Reserve
- National Nature Reserve
- Sites of Special Scientific Interest
- Special Area of Conservation
- Wildlife Trust Reserve
- Local Wildlife Site
- Local Geological Sites

**Notes:**  
Please refer to this map in conjunction with the assessment assumptions detailed in Appendix A.

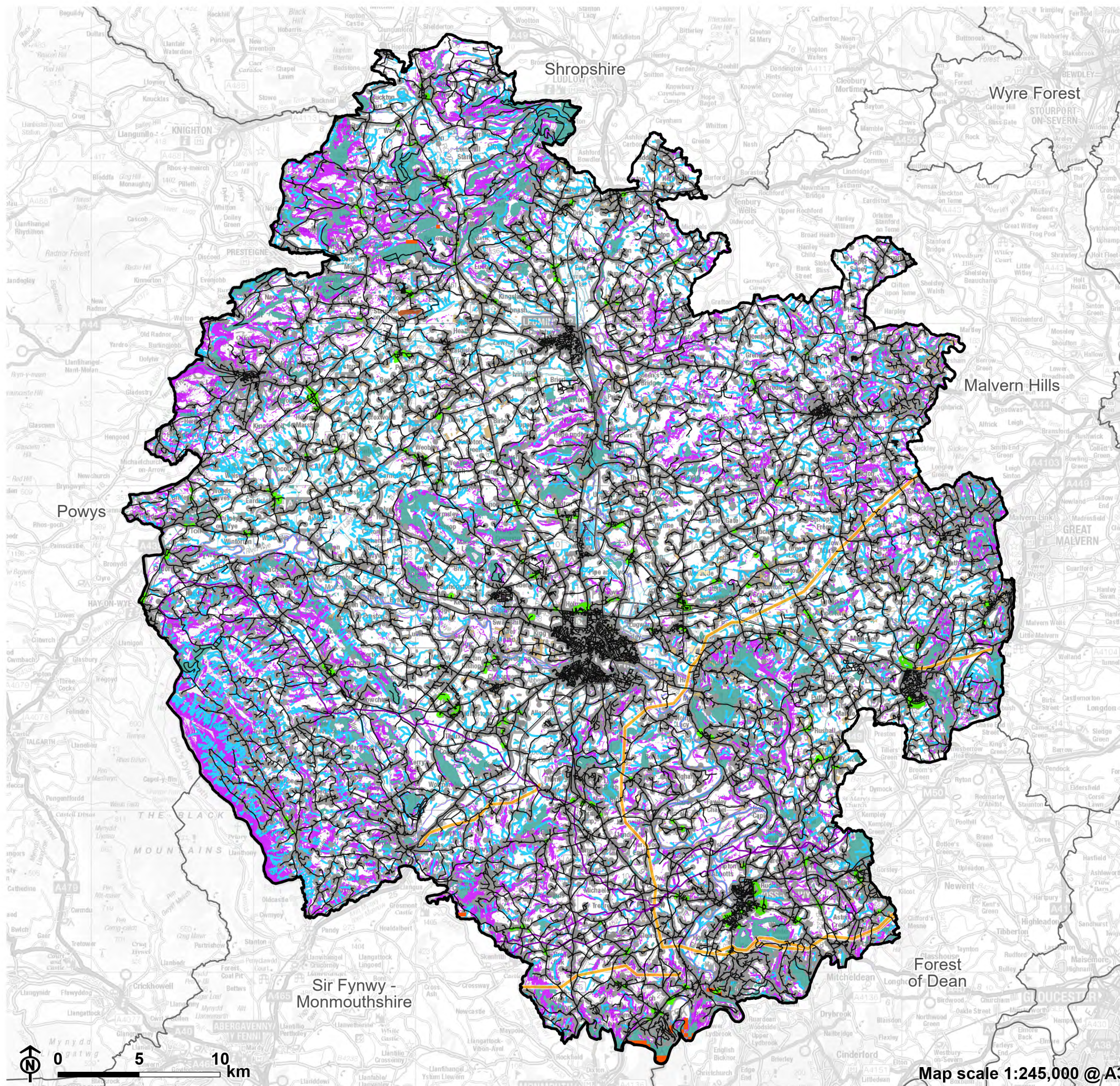
Figure B.3: Wind constraints - Cultural heritage constraints



- Local authority
- Neighbouring local authority
- Registered Parks and Gardens
- Locally listed building
- Listed building
- Conservation area
- Scheduled monument

Notes:  
Please refer to this map in conjunction with the assessment assumptions detailed in Appendix A.

**Figure B.4: Wind constraints - Physical constraints**

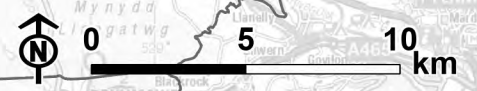


- Local authority
- Neighbouring local authority
- Roads and railways
- Electricity lines
- Gas pipelines
- Orchards
- Airports and airfields
- Building
- Existing renewable development
- Slope above 15%
- Watercourses and water bodies
- Woodland
- Country park
- Wind speed <5m/s
- Housing, employment and committed sites

**Notes:**  
Global Wind Atlas 3.0, a free, web-based application developed, owned and operated by the Technical University of Denmark (DTU). The Global Wind Atlas 3.0 is released in partnership with the World Bank Group, utilizing data provided by Vortex, using funding provided by the Energy Sector Management Assistance Program (ESMAP). For additional information: <https://globalwindatlas.info>.

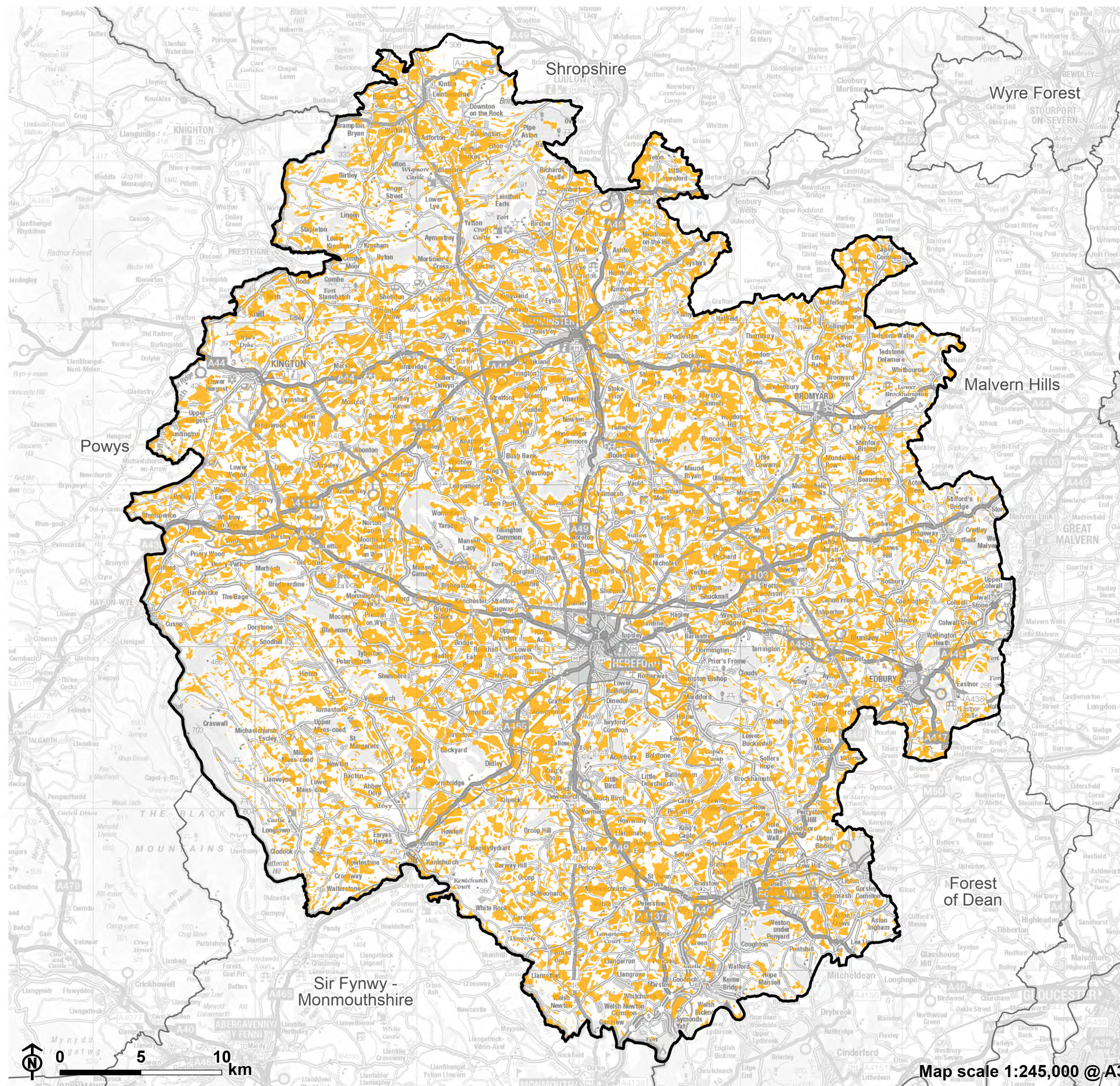
This map displays the boundaries of features considered as constraints within this assessment. This does not display the constraint buffers applied to these features.

Please refer to this map in conjunction with the assessment assumptions detailed in Appendix A.



Map scale 1:245,000 @ A3

**Figure B.5: Opportunities and constraints:  
Small scale wind development**

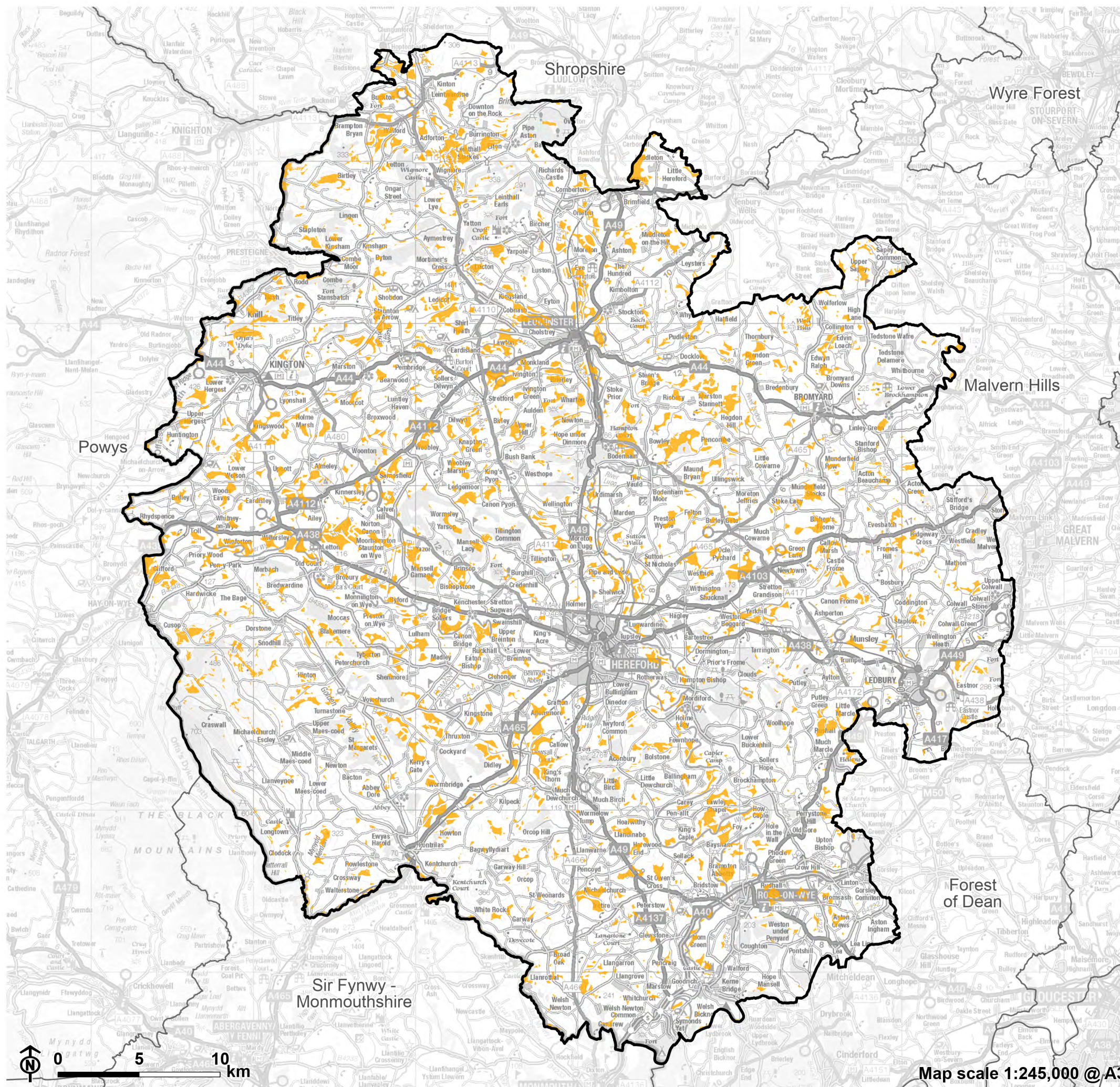


- Local authority
- Neighbouring local authority
- Technical potential for small wind
- Constrained area for small wind: no technical potential

**Notes:**  
Please refer to this map in conjunction with the assessment assumptions detailed in Appendix A.

Map scale 1:245,000 @ A3

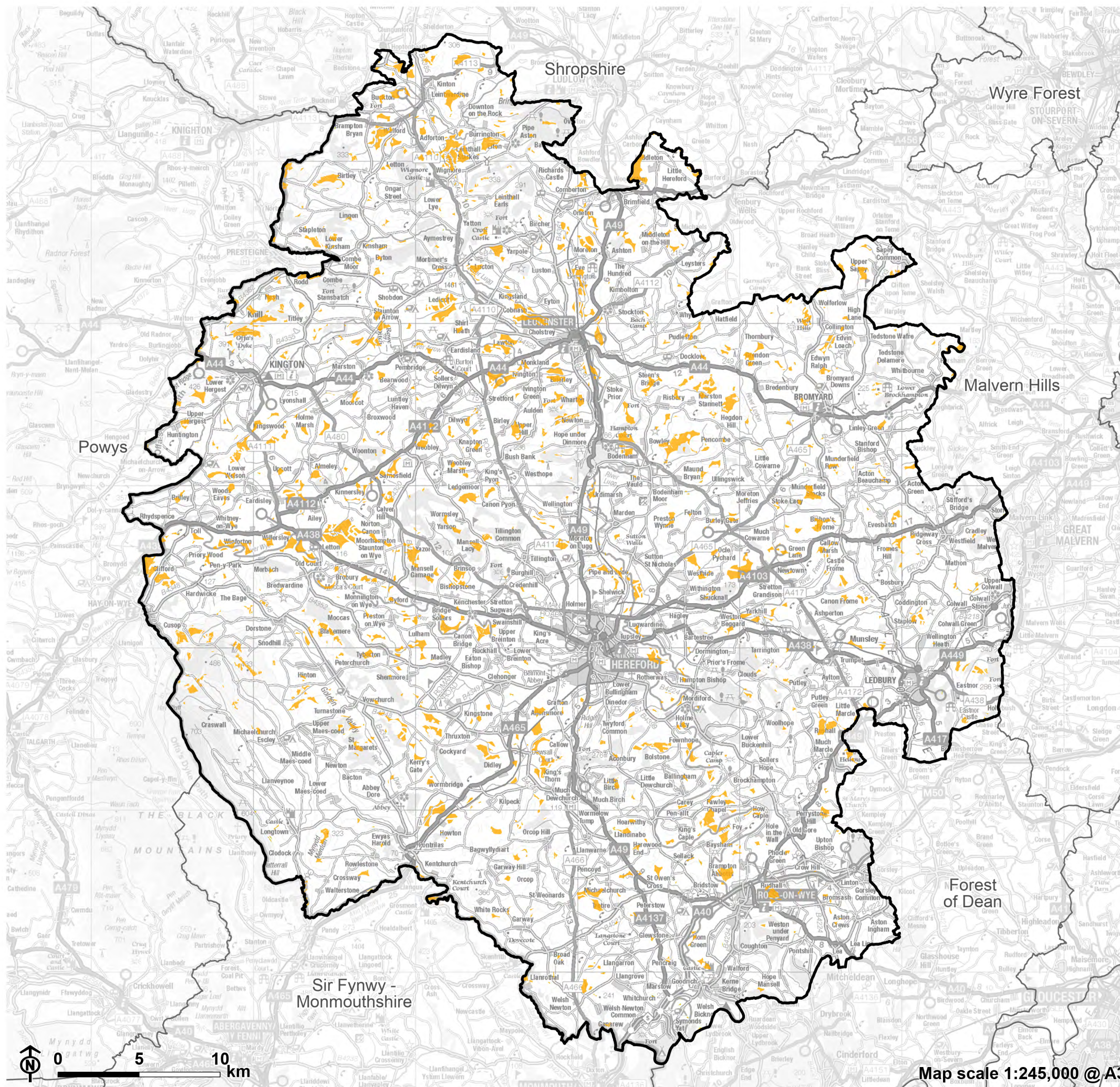
**Figure B.6: Opportunities and constraints:  
Medium scale wind development**



- Local authority
- Neighbouring local authority
- Technical potential for medium wind
- Constrained area for medium wind: no technical potential

**Notes:**  
Please refer to this map in conjunction with the assessment assumptions detailed in Appendix A.

**Figure B.7: Opportunities and constraints:  
Large scale wind development**

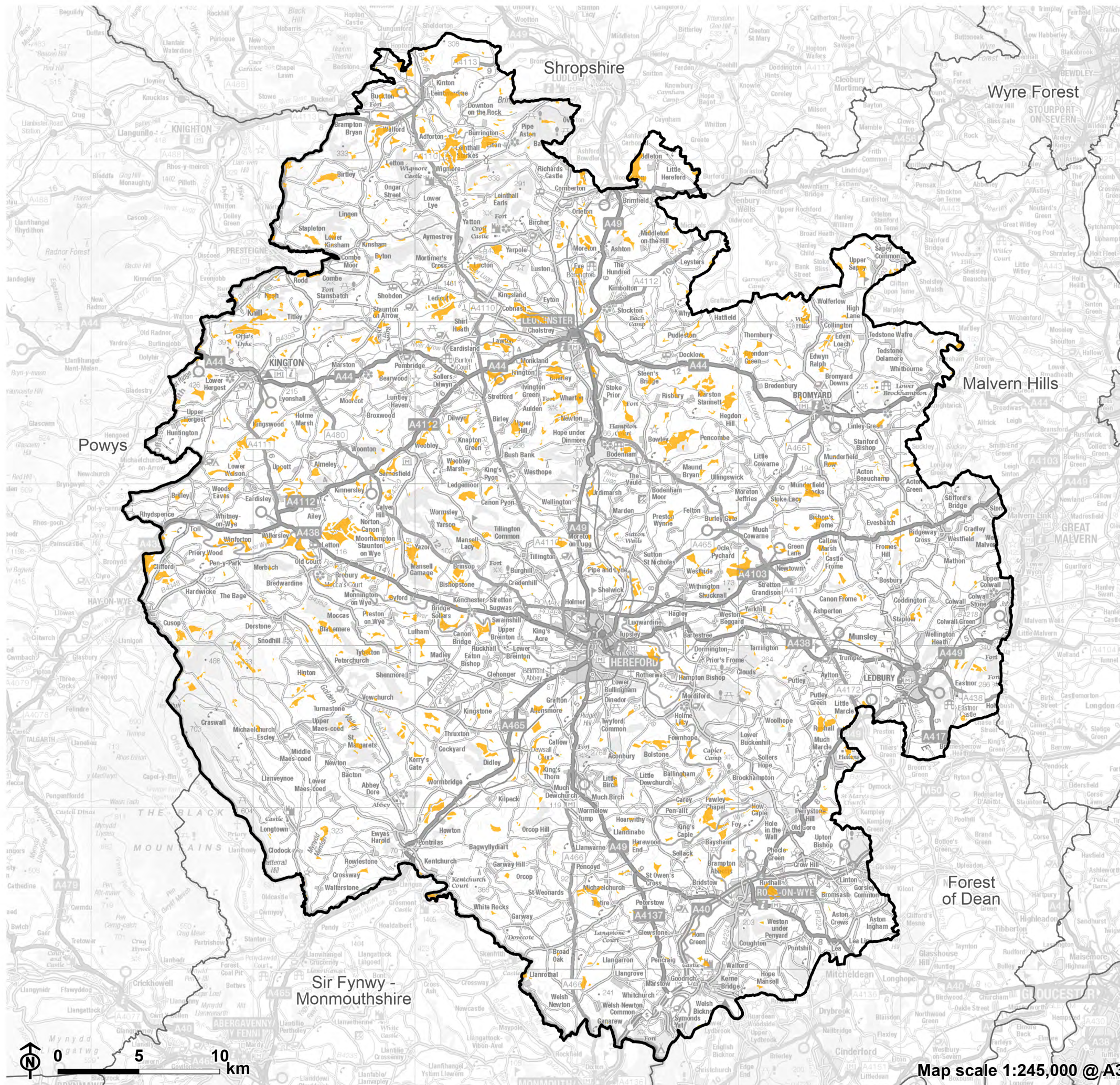


- Local authority
- Neighbouring local authority
- Technical potential for large wind
- Constrained area for large wind: no technical potential

**Notes:**  
Please refer to this map in conjunction with the assessment assumptions detailed in Appendix A.



**Figure B.8: Opportunities and constraints:  
Very large scale wind development**



- Local authority
- Neighbouring local authority
- Technical potential for very large wind
- Constrained area for very large wind: no technical potential

**Notes:**  
Please refer to this map in conjunction with the assessment assumptions detailed in Appendix A.