



Caerphilly County Borough
2nd Replacement Local Development Plan 2020-2035

**EB36: Green Infrastructure Assessment:
Supporting Maps**

Updated October 2026



Caerphilly County Borough Council
2nd Replacement Local Development Plan (2RLDP) 2020-2035

Green Infrastructure Assessment (GIA)
EB36: Supporting Maps: Strategic Assessment

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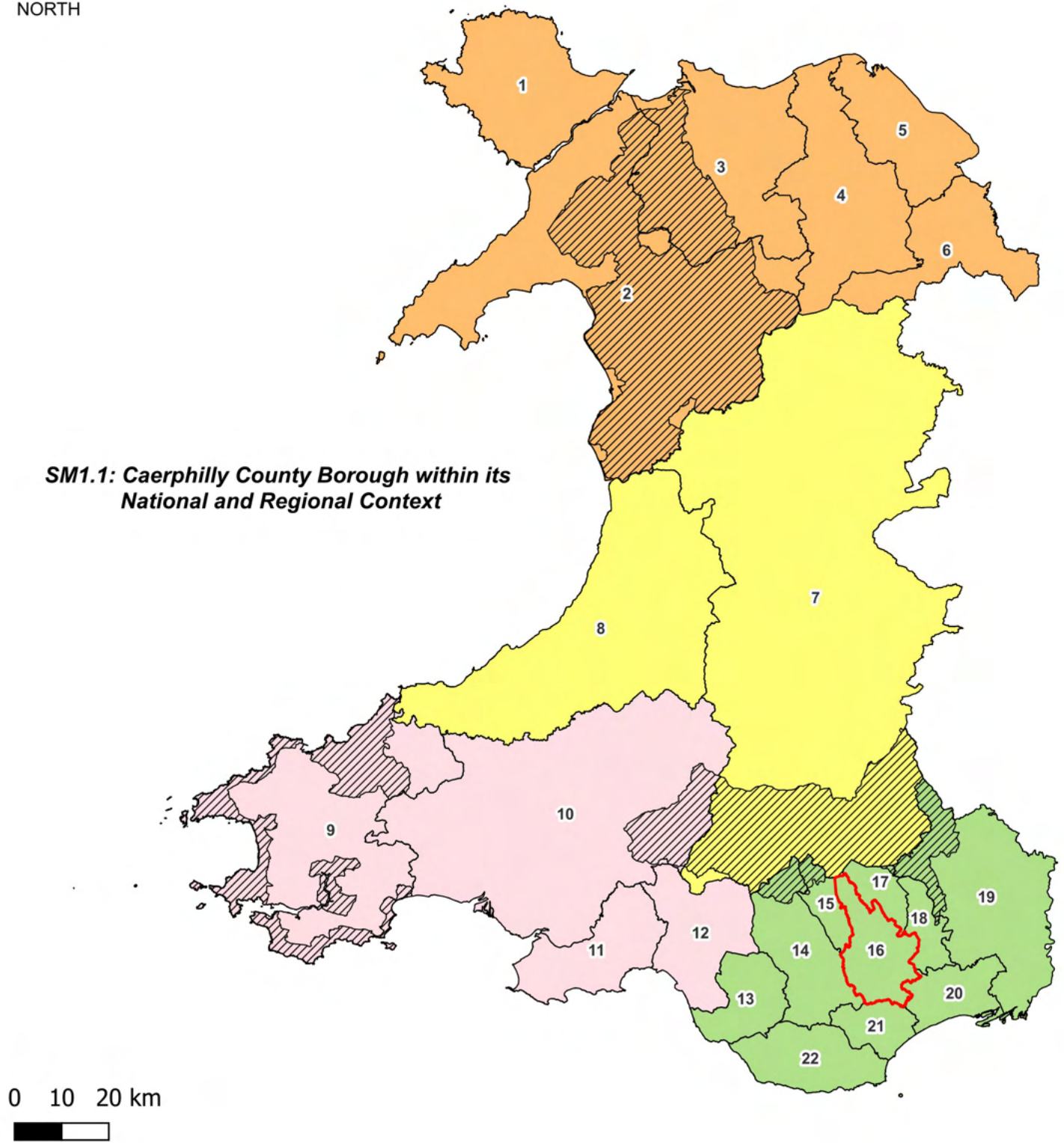
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Additional Information

For further information on the data and information contained in each supporting map, please refer to the methods set out within **EB35: Green and Blue Infrastructure Assessment**.



SM1.1: Caerphilly County Borough within its National and Regional Context



LEGEND

-  Caerphilly County Borough
-  Local Authority Boundaries
-  National Parks

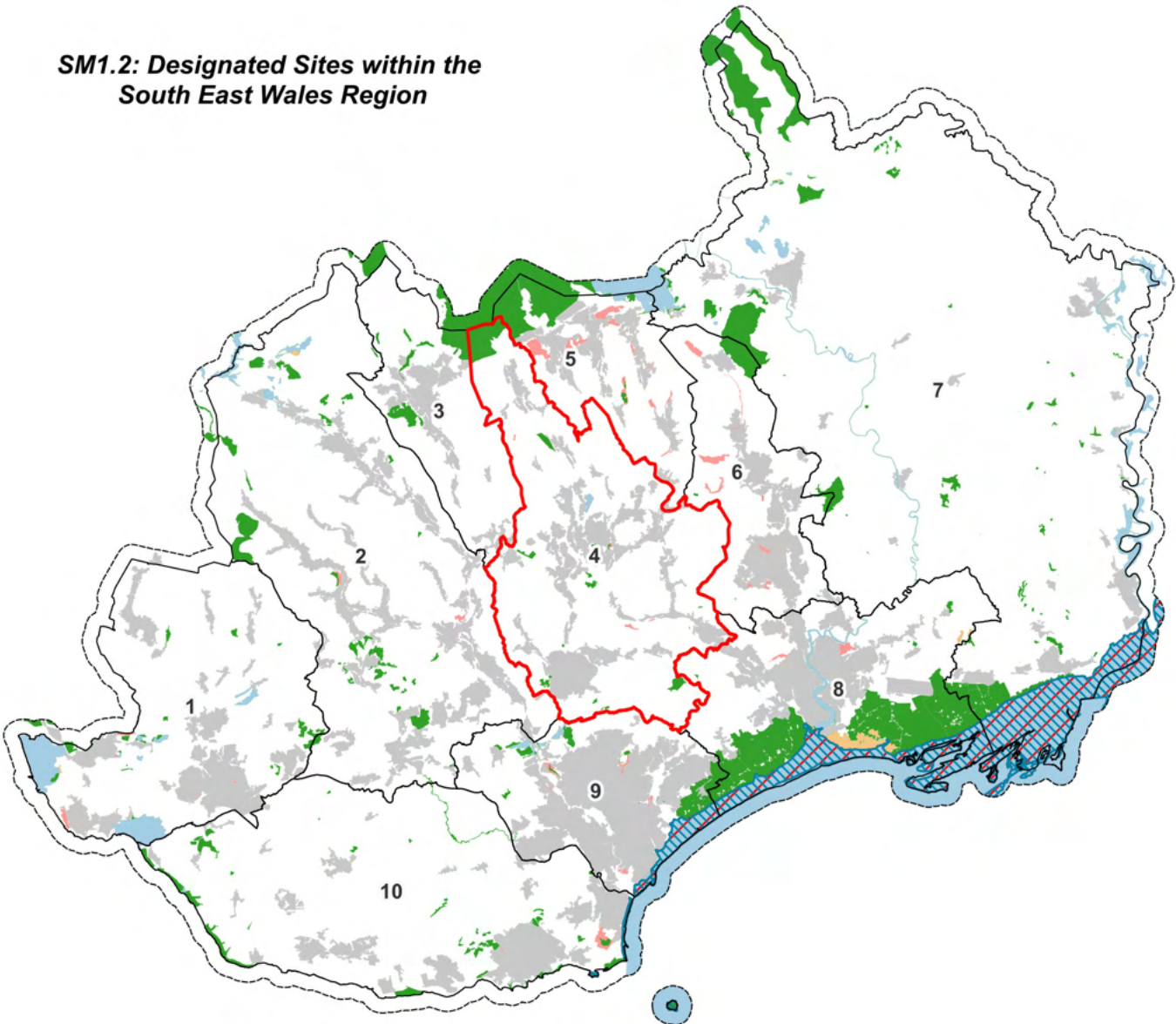
The Four Regions

-  The North
-  Mid Wales
-  The South West
-  The South East

- | | |
|---------------------|-------------------------|
| 1. Anglesey | 12. Neath Port Talbot |
| 2. Gwynedd | 13. Bridgend |
| 3. Conwy | 14. Rhondda, Cynon, Taf |
| 4. Denbighshire | 15. Merthyr Tydfil |
| 5. Flintshire | 16. Caerphilly |
| 6. Wrexham | 17. Blaenau Gwent |
| 7. Powys | 18. Torfaen |
| 8. Ceredigion | 19. Monmouthshire |
| 9. Pembrokeshire | 20. Newport |
| 10. Carmarthenshire | 21. Cardiff |
| 11. Swansea | 22. Vale of Glamorgan |



SM1.2: Designated Sites within the South East Wales Region



0 7.5 15 km

LEGEND

- Caerphilly County Borough
- Local Authority Boundaries
- 1 km Buffer
- Urban Areas

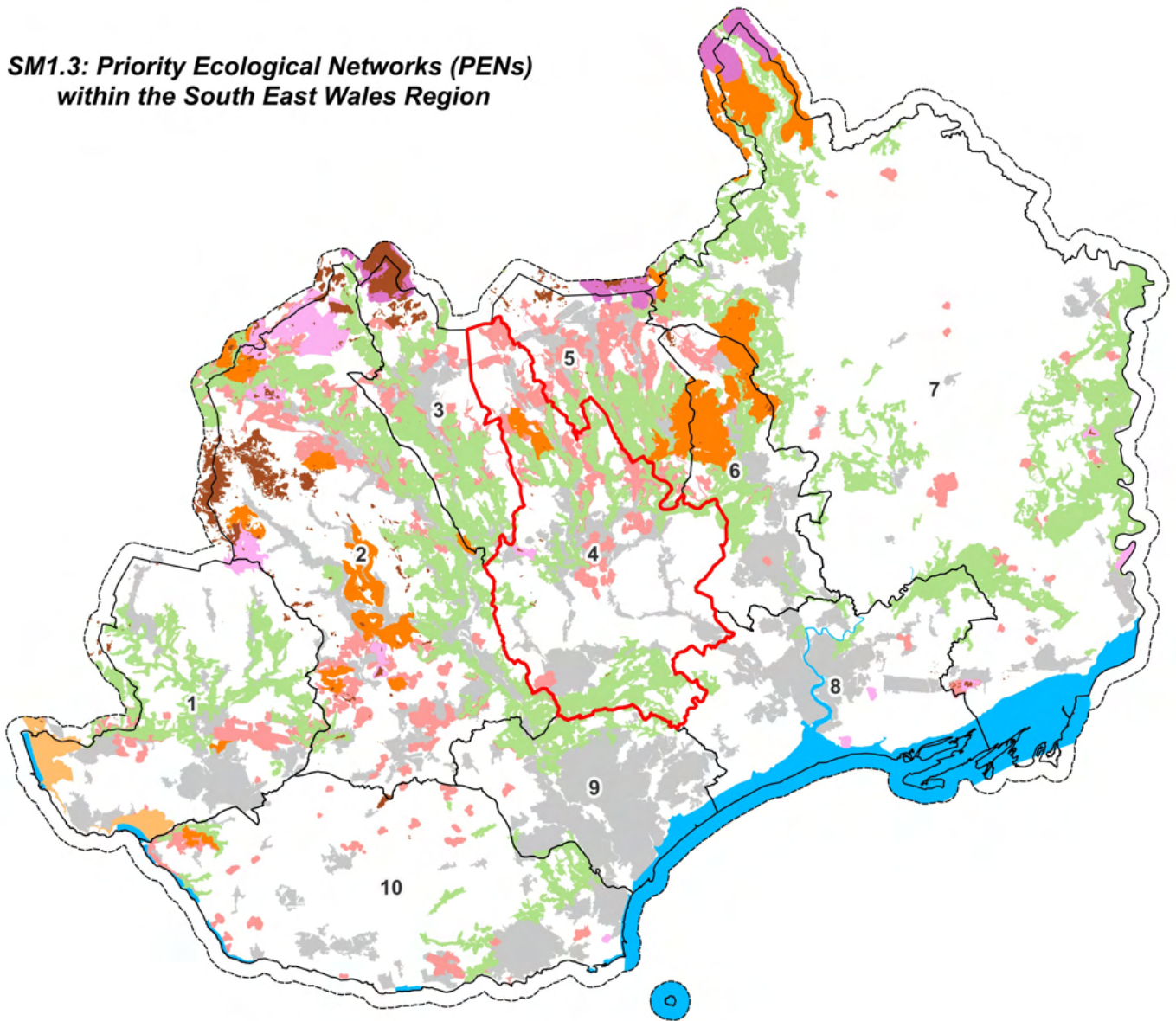
Site Designation

- RAMSAR
- Special Protection Area (SPA)
- Special Area of Conservation (SAC)
- National Nature Reserve (NNR)
- Site of Special Scientific Interest (SSSI)
- Local Nature Reserve (LNR)

- 1. Bridgend
- 2. Rhondda, Cynon, Taf
- 3. Merthyr Tydfil
- 4. Caerphilly
- 5. Blaenau Gwent
- 6. Torfaen
- 7. Monmouthshire
- 8. Newport
- 9. Cardiff
- 10. Vale of Glamorgan



**SM1.3: Priority Ecological Networks (PENs)
within the South East Wales Region**



0 7.5 15 km



LEGEND

Caerphilly County Borough

Local Authority Boundaries

1 km Buffer

Urban Areas

Priority Ecological Network (PEN)

Peatland

Bog

Fen

Heathland

Marine

Native Woodland

Sand Dune

Semi-Natural Grassland

1. Bridgend

2. Rhondda, Cynon, Taf

3. Merthyr Tydfil

4. Caerphilly

5. Blaenau Gwent

6. Torfaen

7. Monmouthshire

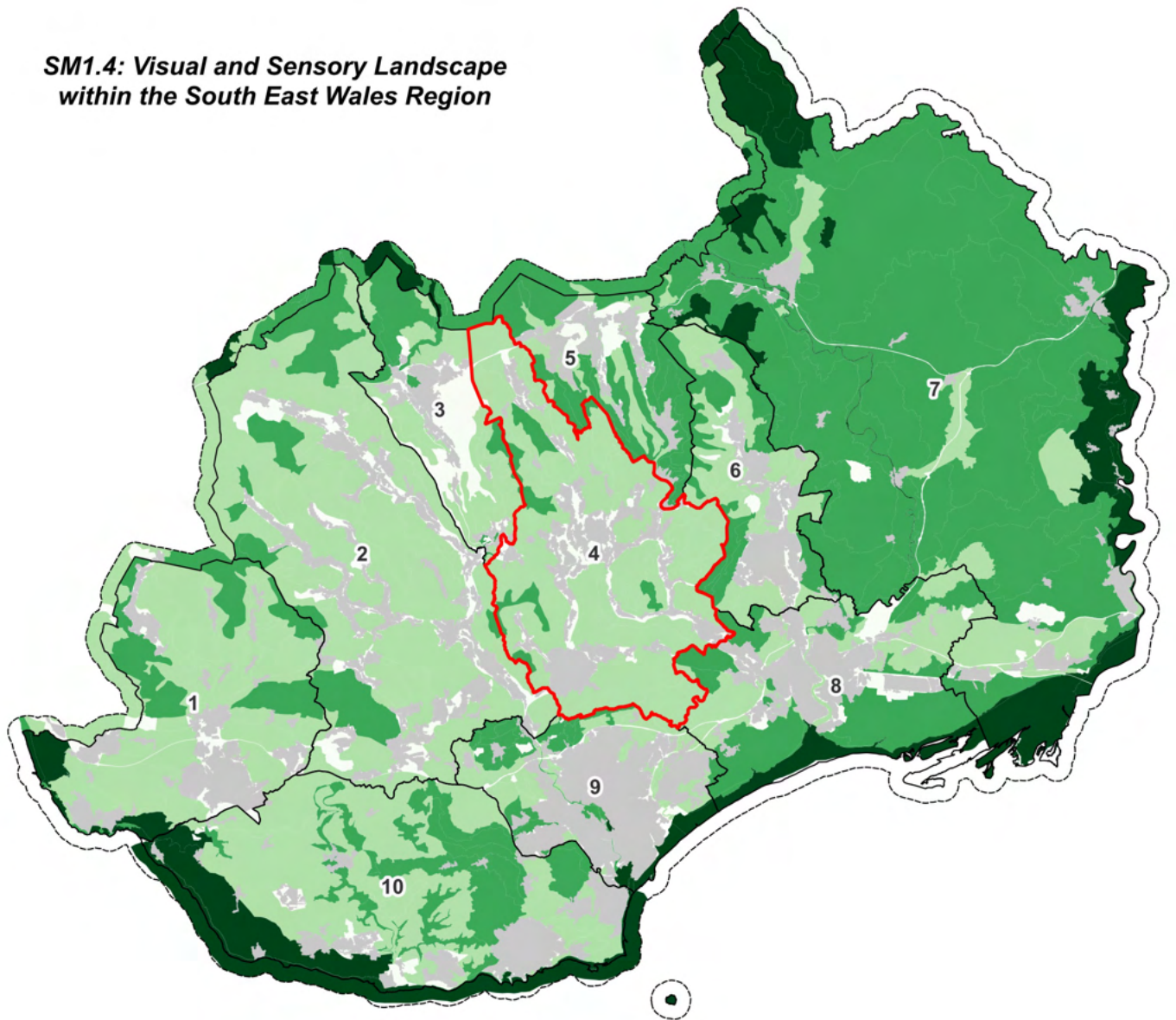
8. Newport

9. Cardiff

10. Vale of Glamorgan



**SM1.4: Visual and Sensory Landscape
within the South East Wales Region**



0 7.5 15 km



LEGEND

- Caerphilly County Borough
- Local Authority Boundaries
- 1 km Buffer
- Urban Areas

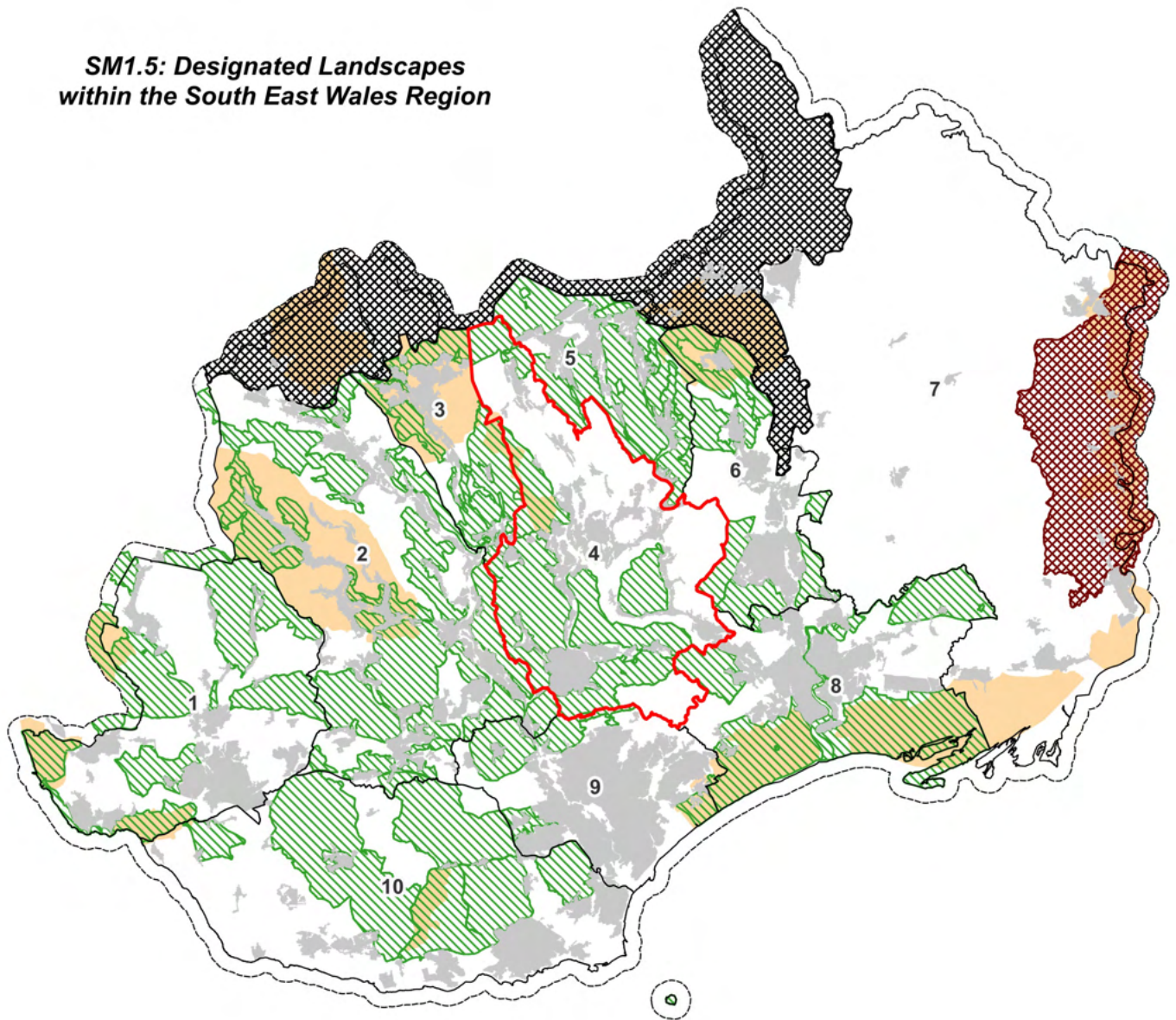
LANDMAP: Visual and Sensory

- Outstanding
- High
- Moderate
- Low

- 1. Bridgend
- 2. Rhondda, Cynon, Taf
- 3. Merthyr Tydfil
- 4. Caerphilly
- 5. Blaenau Gwent
- 6. Torfaen
- 7. Monmouthshire
- 8. Newport
- 9. Cardiff
- 10. Vale of Glamorgan



**SM1.5: Designated Landscapes
within the South East Wales Region**



0 7.5 15 km



LEGEND

- Caerphilly County Borough
- Local Authority Boundaries
- 1 km Buffer
- Urban Areas

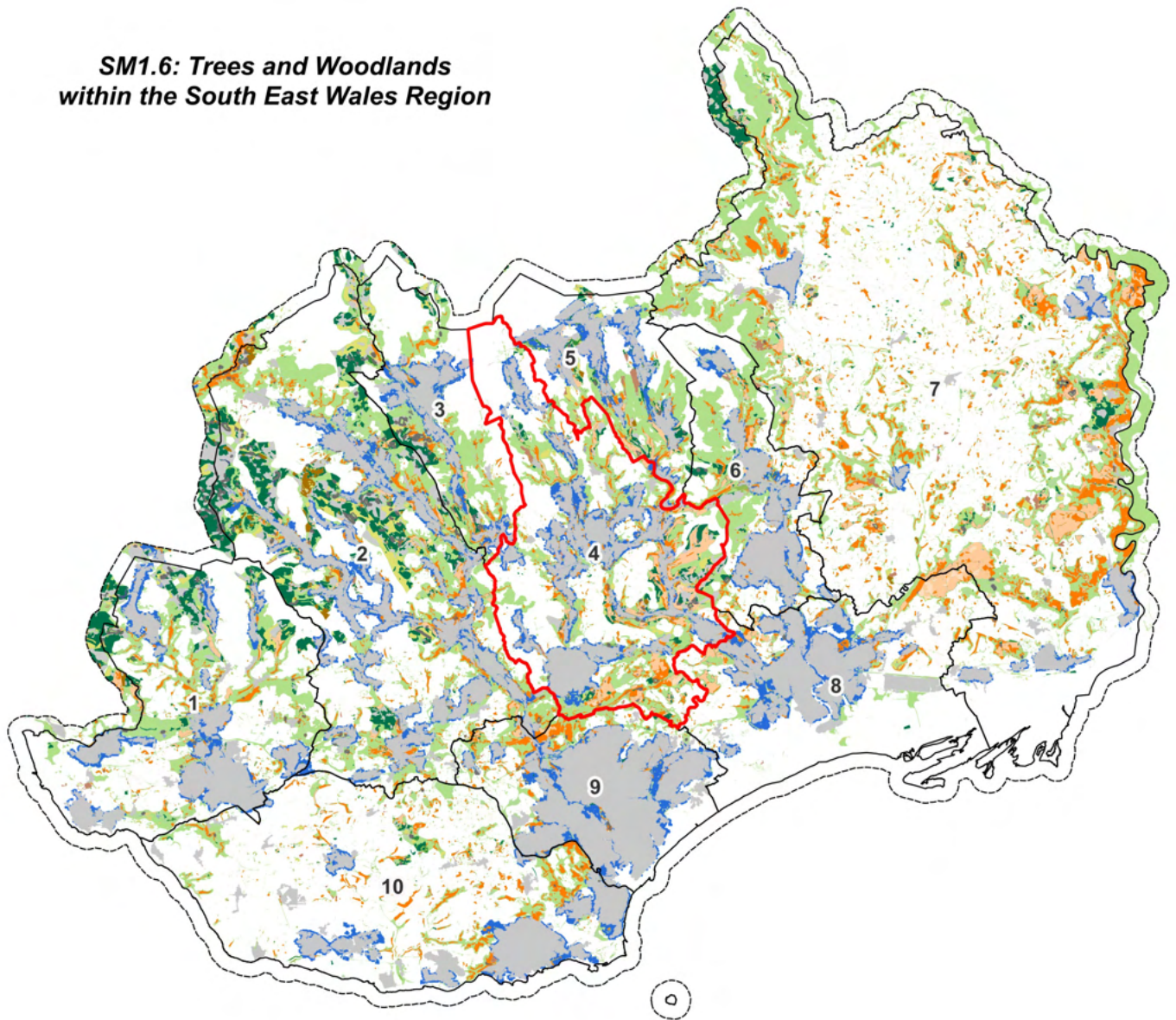
Landscape Designation

- National Park
- Area of Outstanding Natural Beauty (AONB)
- Historic Landscape
- Special Landscape Area (SLA)

- 1. Bridgend
- 2. Rhondda, Cynon, Taf
- 3. Merthyr Tydfil
- 4. Caerphilly
- 5. Blaenau Gwent
- 6. Torfaen
- 7. Monmouthshire
- 8. Newport
- 9. Cardiff
- 10. Vale of Glamorgan



**SM1.6: Trees and Woodlands
within the South East Wales Region**



0 7.5 15 km



LEGEND

-  Caerphilly County Borough
-  Local Authority Boundaries
-  1 km Buffer
-  Urban Areas

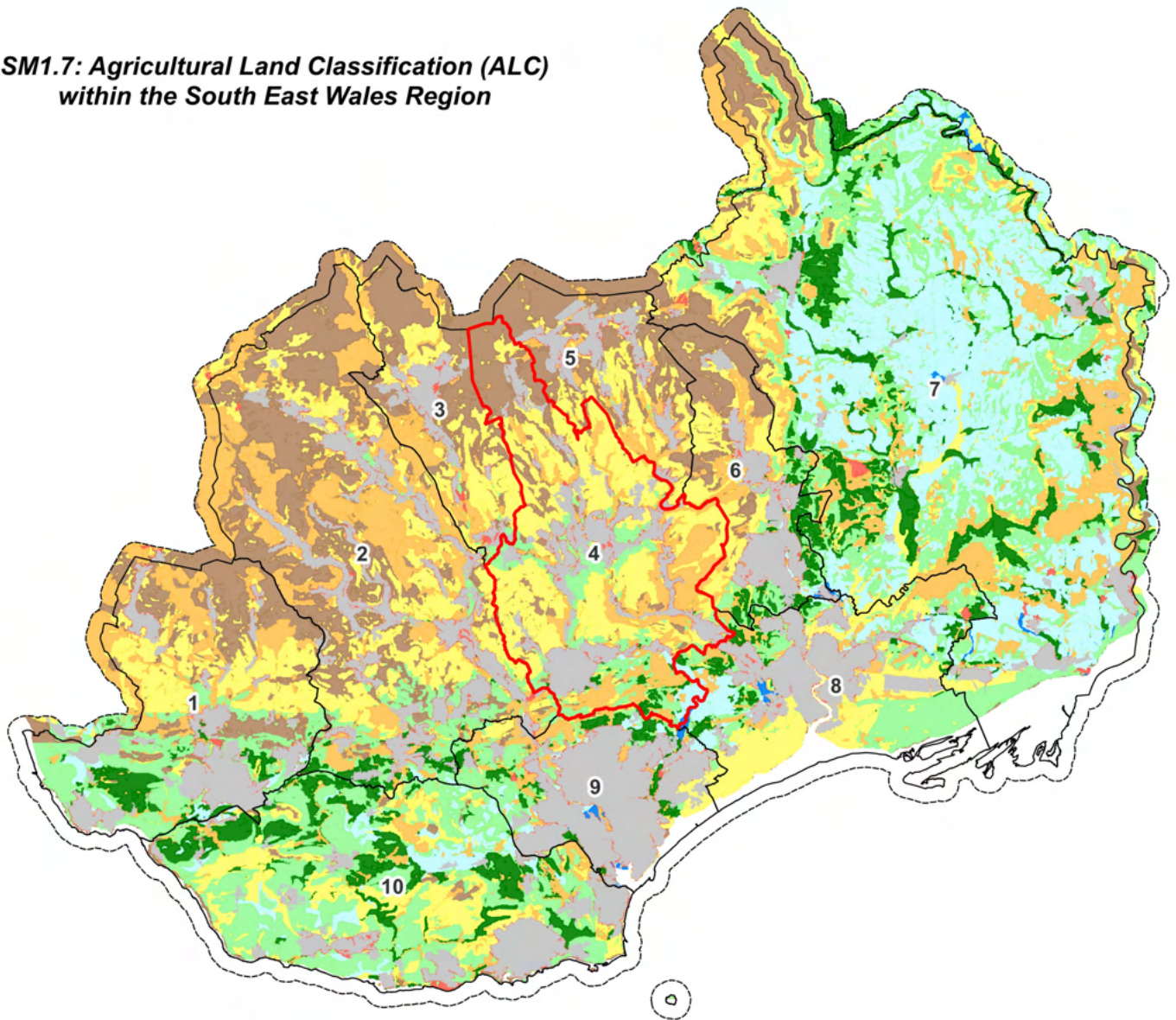
Trees and Woodlands

-  Ancient Semi-Natural Woodland
-  National Forest
-  Other Woodland
-  Urban Trees

- 1. Bridgend
- 2. Rhondda, Cynon, Taf
- 3. Merthyr Tydfil
- 4. Caerphilly
- 5. Blaenau Gwent
- 6. Torfaen
- 7. Monmouthshire
- 8. Newport
- 9. Cardiff
- 10. Vale of Glamorgan



**SM1.7: Agricultural Land Classification (ALC)
within the South East Wales Region**



0 7.5 15 km



LEGEND

-  Caerphilly County Borough
-  Local Authority Boundaries
-  1 km Buffer
-  Urban Areas

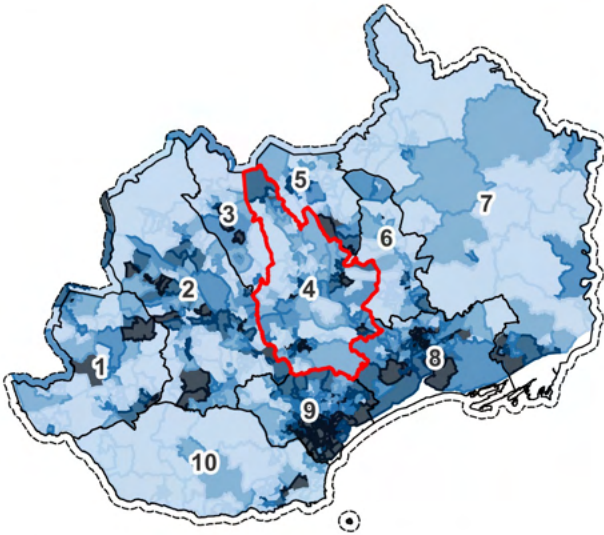
ALC (2019)

-  Grade 1
-  Grade 2
-  Grade 3a
-  Grade 3b
-  Grade 4
-  Grade 5
-  Non Agricultural

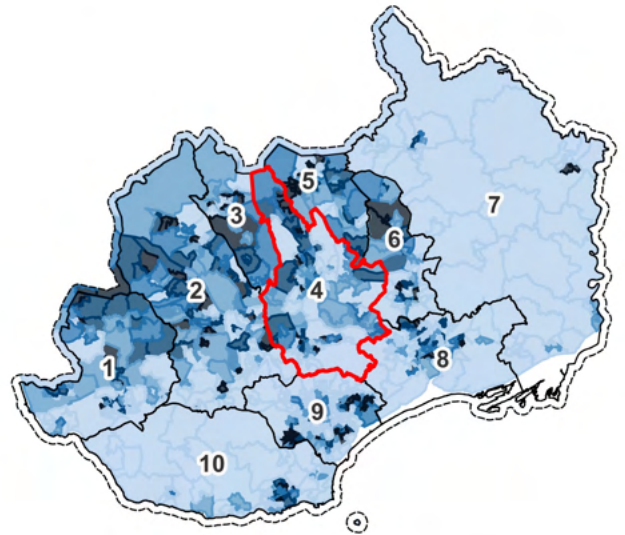
- 1. Bridgend
- 2. Rhondda, Cynon, Taf
- 3. Merthyr Tydfil
- 4. Caerphilly
- 5. Blaenau Gwent
- 6. Torfaen
- 7. Monmouthshire
- 8. Newport
- 9. Cardiff
- 10. Vale of Glamorgan



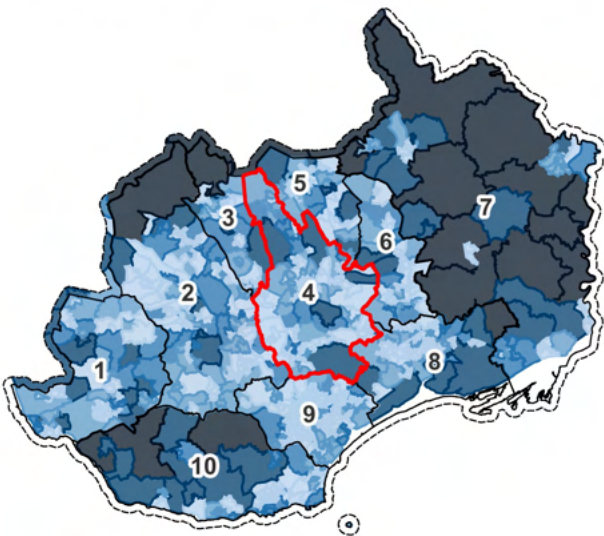
SM1.8: Welsh Index of Multiple Deprivation (WIMD) in the South East Wales Region



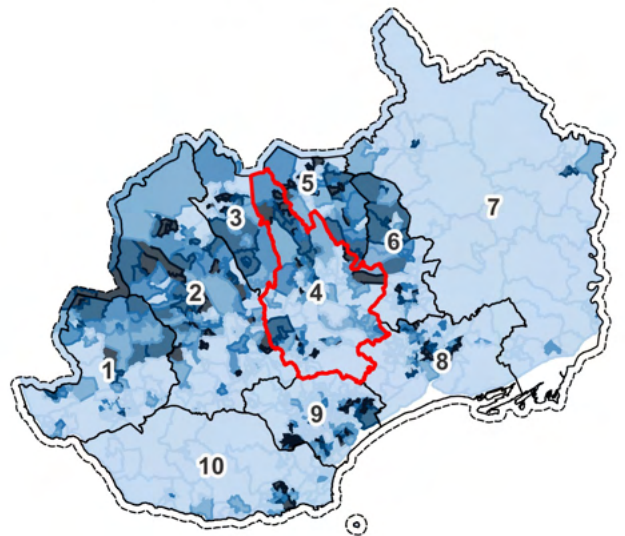
WIMD - Physical Environment (2025)



WIMD - Health (2025)



WIMD - Access to Services (2025)



WIMD - Overall (2025)

0 10 20 km



LEGEND

- Caerphilly County Borough
- Local Authority Boundaries
- 1 km Buffer

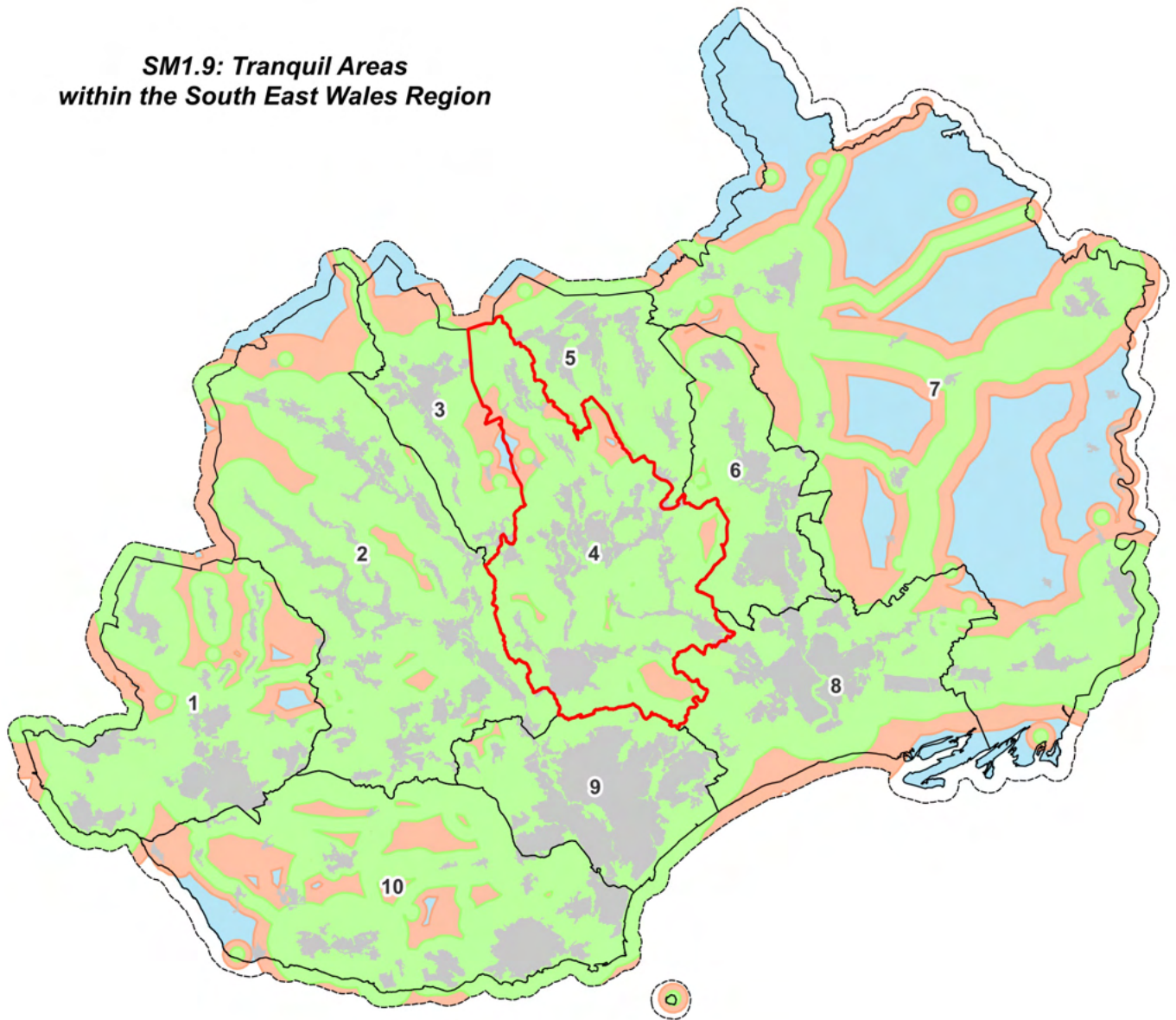
WIMD - 2025

- 10% Most Deprived
- 10-20% Most deprived
- 20-30% Most deprived
- 30-50% Most deprived
- 50% Least deprived

- 1. Bridgend
- 2. Rhondda, Cynon, Taf
- 3. Merthyr Tydfil
- 4. Caerphilly
- 5. Blaenau Gwent
- 6. Torfaen
- 7. Monmouthshire
- 8. Newport
- 9. Cardiff
- 10. Vale of Glamorgan



**SM1.9: Tranquil Areas
within the South East Wales Region**



0 7.5 15 km



LEGEND

-  Caerphilly County Borough
-  Local Authority Boundaries
-  1 km Buffer
-  Urban Areas

Tranquil Areas (2009)

-  Undisturbed
-  Zone B
-  Zone C

- 1. Bridgend
- 2. Rhondda, Cynon, Taf
- 3. Merthyr Tydfil
- 4. Caerphilly
- 5. Blaenau Gwent
- 6. Torfaen
- 7. Monmouthshire
- 8. Newport
- 9. Cardiff
- 10. Vale of Glamorgan



**SM1.10: Noise Levels from Rail, Road and Industry
within the South East Wales Region**



0 7.5 15 km



LEGEND

- Caerphilly County Borough
- Local Authority Boundaries
- 1 km Buffer
- Urban Areas

Average Noise (Db) 07.00 - 23.00 (2022)

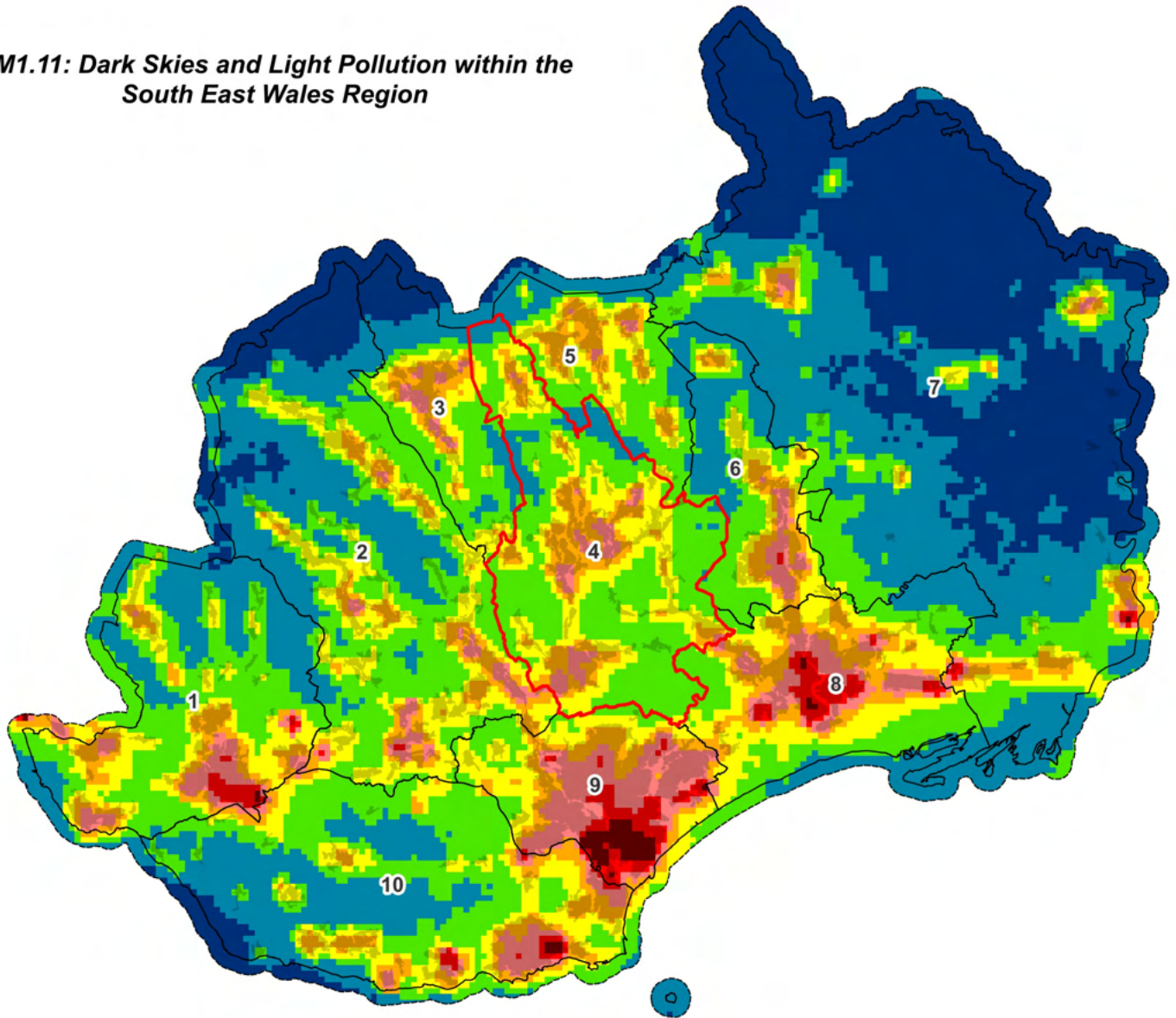
- ≥ 75
- 70 - 75

- 65 - 70
- 60 - 65
- 55 - 60
- 50 - 55
- 45 - 50
- 40 - 45
- ≤ 40

- 1. Bridgend
- 2. Rhondda, Cynon, Taf
- 3. Merthyr Tydfil
- 4. Caerphilly
- 5. Blaenau Gwent
- 6. Torfaen
- 7. Monmouthshire
- 8. Newport
- 9. Cardiff
- 10. Vale of Glamorgan



SM1.11: Dark Skies and Light Pollution within the South East Wales Region



0 7.5 15 km



LEGEND

- Caerphilly County Borough
- Local Authority Boundaries
- 1 km Buffer
- Urban Areas

Brightness (nw/cm2/sr)

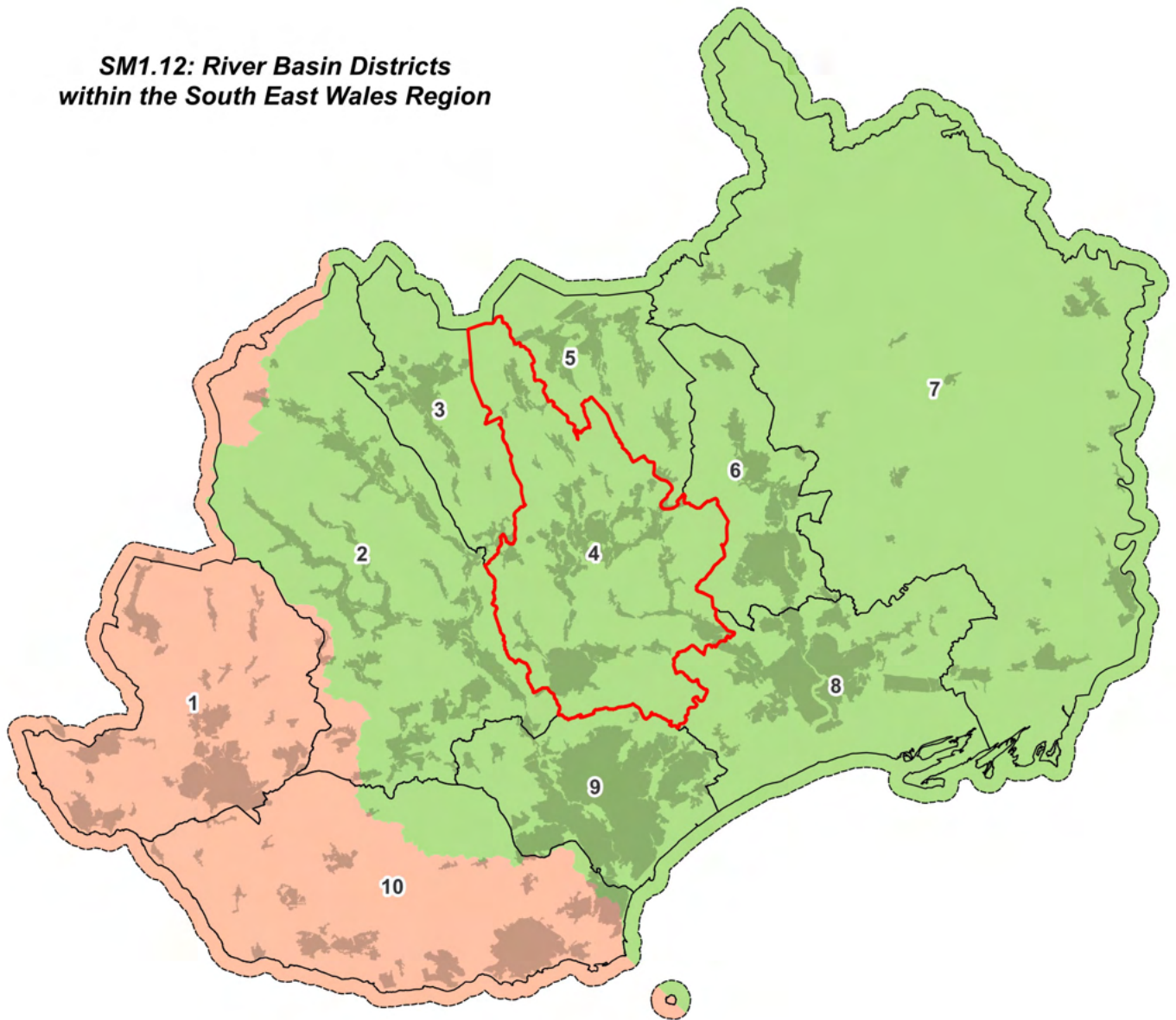
- > 32
- 16 - 32

- 8 - 16
- 4 - 8
- 2 - 4
- 1 - 2
- 0.5 - 1
- 0 - 0.5
- <= 0

- 1. Bridgend
- 2. Rhondda, Cynon, Taf
- 3. Merthyr Tydfil
- 4. Caerphilly
- 5. Blaenau Gwent
- 6. Torfaen
- 7. Monmouthshire
- 8. Newport
- 9. Cardiff
- 10. Vale of Glamorgan



**SM1.12: River Basin Districts
within the South East Wales Region**



0 7.5 15 km



LEGEND

-  Caerphilly County Borough
-  Local Authority Boundaries
-  1 km Buffer
-  Urban Areas

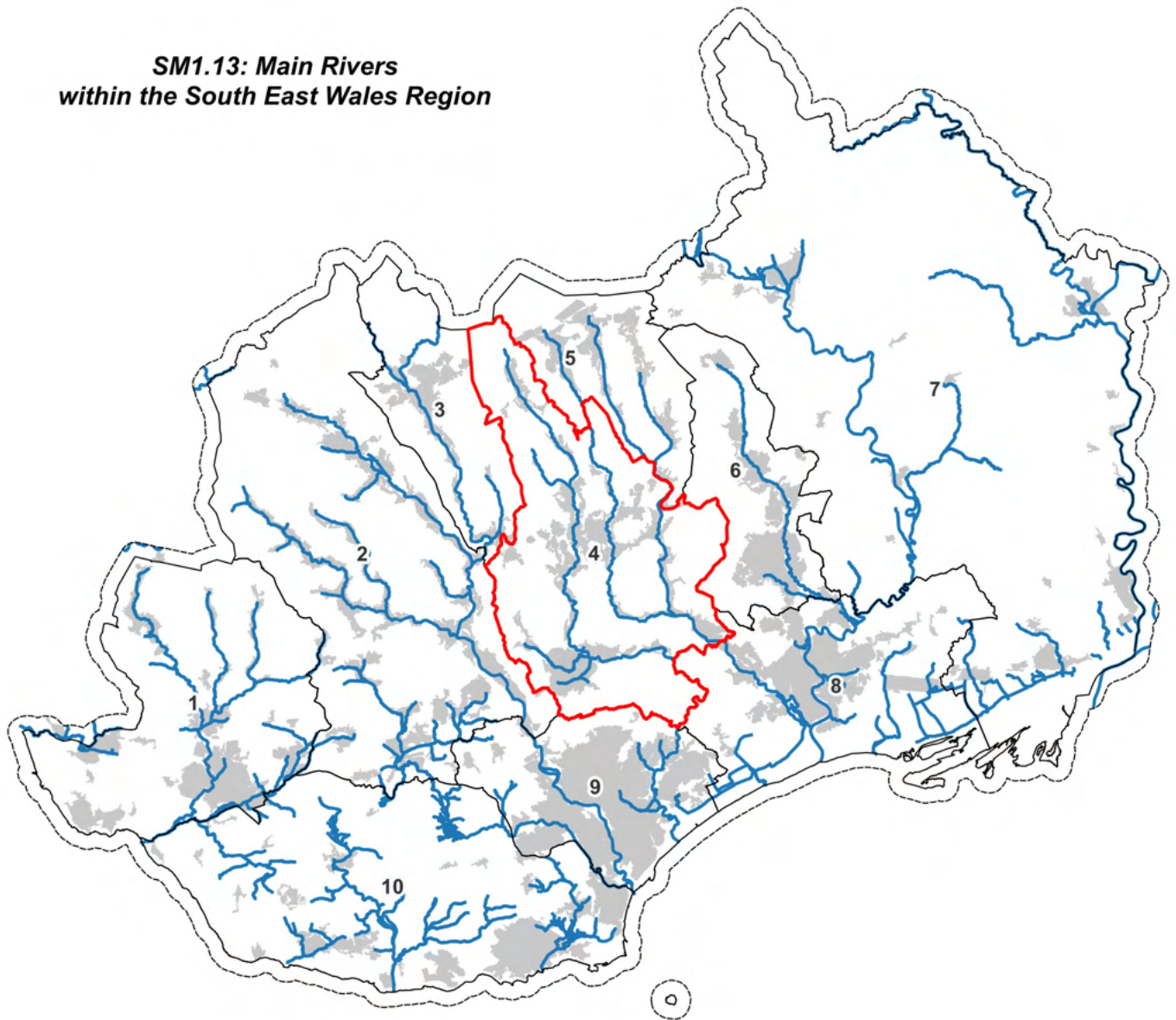
River Basin Districts (C2)

-  Severn
-  Western Wales

- 1. Bridgend
- 2. Rhondda, Cynon, Taf
- 3. Merthyr Tydfil
- 4. Caerphilly
- 5. Blaenau Gwent
- 6. Torfaen
- 7. Monmouthshire
- 8. Newport
- 9. Cardiff
- 10. Vale of Glamorgan



**SM1.13: Main Rivers
within the South East Wales Region**



0 7.5 15 km

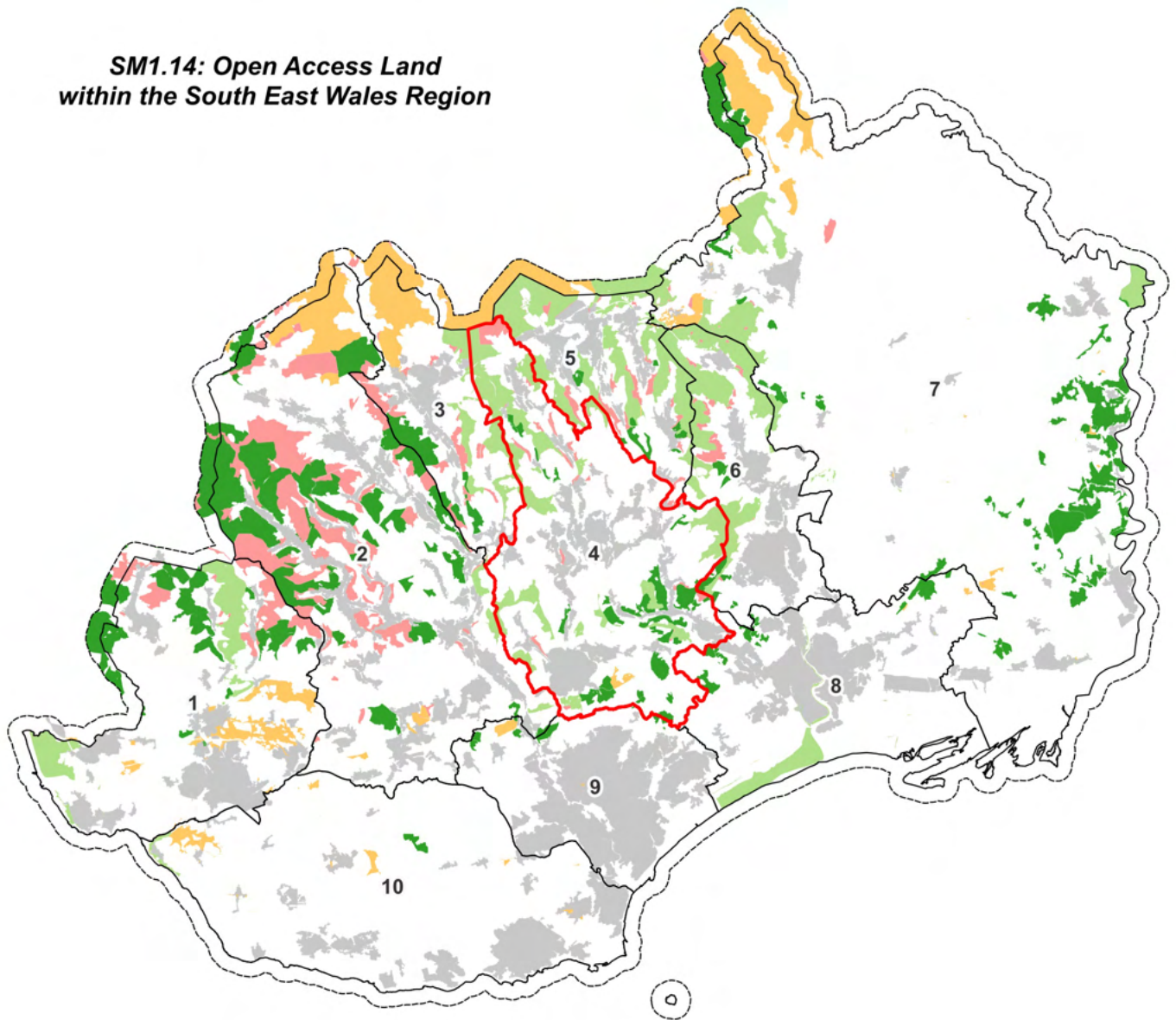


LEGEND

- | | |
|--|------------------------|
|  Caerphilly County Borough | 1. Bridgend |
|  Local Authority Boundaries | 2. Rhondda, Cynon, Taf |
|  1 km Buffer | 3. Merthyr Tydfil |
|  Urban Areas | 4. Caerphilly |
|  Main Rivers | 5. Blaenau Gwent |
| | 6. Torfaen |
| | 7. Monmouthshire |
| | 8. Newport |
| | 9. Cardiff |
| | 10. Vale of Glamorgan |



**SM1.14: Open Access Land
within the South East Wales Region**



0 7.5 15 km



LEGEND

- Caerphilly County Borough
- Local Authority Boundaries
- 1 km Buffer
- Urban Areas

- Open Access Land**
- Public Forest
 - Common Land
 - Open Country
 - Other Dedicated Land
 - Other Statutory Land

- 1. Bridgend
- 2. Rhondda, Cynon, Taf
- 3. Merthyr Tydfil
- 4. Caerphilly
- 5. Blaenau Gwent
- 6. Torfaen
- 7. Monmouthshire
- 8. Newport
- 9. Cardiff
- 10. Vale of Glamorgan