Appendix 3

Prioritisation Maps

8.81 The following maps depict the criteria used for the prioritisation of identified green infrastructure opportunities (see **Appendix 2** and **Appendix 4**) and which were used to identify 'key zones for generic green infrastructure opportunities' (see the town overview maps within the **Action Plan**).

8.82 These maps show the distance of opportunities from existing green infrastructure assets and important features for each green infrastructure themes (see **Table 8.1**).Key projects and key zones for generic green infrastructure opportunities were identified in locations of deficiency in existing green infrastructure connectivity (**Figure 8.35**) and an in priority locations based on each green infrastructure theme (**Figure 8.36 - Figure 8.55**).

Table 8.1: Prioritisation criteria for each theme and summary of mapping approach.

Theme	Criteria	Summary
Active transport and connectivity	How far is the nearest access route?	**Active and public transport heat map:** Opportunities were prioritised in locations where active transport routes and public transport nodes are further away.
Biodiversity	What is the biodiversity value of the site?	**WWBIC Pembrokeshire Biodiversity value:** Opportunities were prioritised in locations where biodiversity value is lower.
Cultural heritage	How far is the nearest heritage asset?	**Designated heritage assets heat map:** Opportunities were prioritised in locations where designated heritage assets are closer.
Health and well-being	Within an area of health deprivation?	**Index of multiple deprivations – health deprivation:** Opportunities were prioritised in locations where there are higher levels of health deprivation.
	Within an area of physical environment deprivation?	**Index of multiple deprivations – physical environment deprivation:** Opportunities were prioritised in locations where there are higher levels of physical environment deprivation.
	Within an AQMA?	**Air Quality Management Areas:** Opportunities were prioritised in locations that are within Air Quality Management Areas (AQMAs).

Theme	Criteria	Summary
	How far are the nearest active travel routes or open space?	**Active transport and open space:** Opportunities were prioritised in locations where active transport routes, public transport nodes and open spaces are further away.
Landscape	All opportunities have the same baseline for this theme	**Landscape Character Areas:** There are various landscapes characters present across Pembrokeshire that should be reflected when developing opportunities. However, opportunities were prioritised based only on their potential to deliver landscape enhancements (see **Appendix 1**).
Recreation and play	How far is the nearest recreational facility?	**Recreation heat map:** Opportunities were prioritised in locations where recreational facilities are further away.
Social and Economic Regeneration	Within an area of regeneration?	**Regeneration masterplans:** Opportunities were prioritised in locations that are identified within adopted and emerging regeneration masterplans.
	Within an area of deprivation?	**Index of multiple deprivations – overall deprivation:** Opportunities were prioritised in locations where there are higher levels of overall deprivation.
	How many people could this opportunity benefit?	**Population density:** Opportunities were prioritised in locations where there are higher population densities.
Flooding	Within a flood zone?	**Flood zones:** Opportunities were prioritised in locations that are within flood zones.
	Within an area identified for natural flood prevention measures?	**Natural capital flood prevention analysis opportunities:** Opportunities were prioritised in locations that are identified as having natural capital flood prevention opportunities.

Pembrokeshire Towns: A Green Infrastructure Action Plan

Figure 8.35: Green Infrastructure Network

Green infrastructure

Green infrastructure

Lacking (750 m+)

Near (0 m)

Source: FC, LUC, NRW, OS, PCC, PCNPA, Sustrans, WWBIC

Varied scales

LUC

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Figure 8.36: Active Transport and Connectivity
Active and Public Transport

Green infrastructure

Active and public transport

Active and public transport

Lacking (750 m+)

Near (0 m)

Source: LUC, NRW, OS, PCC, PCNPA, Sustrans, WWBIC

Varied scales

LUC

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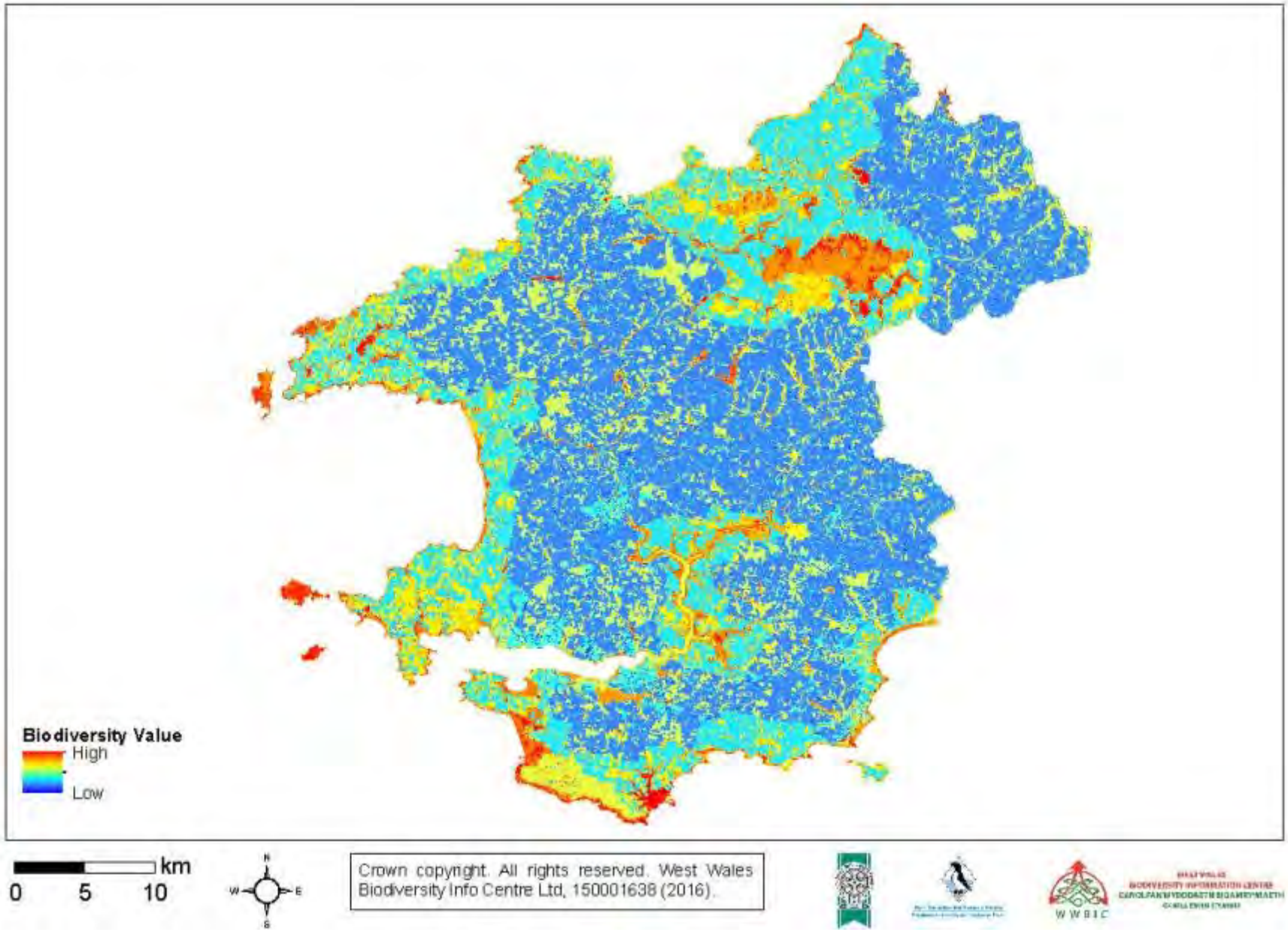
CB:KS EB:Stenson_K LUC FIGX_r1_10095_Active_Transport_Heat_Map_Panelled_A4L 05/06/2018

Figure 8.37: Biodiversity - Biodiversity Value *(Source: WWBIC)*



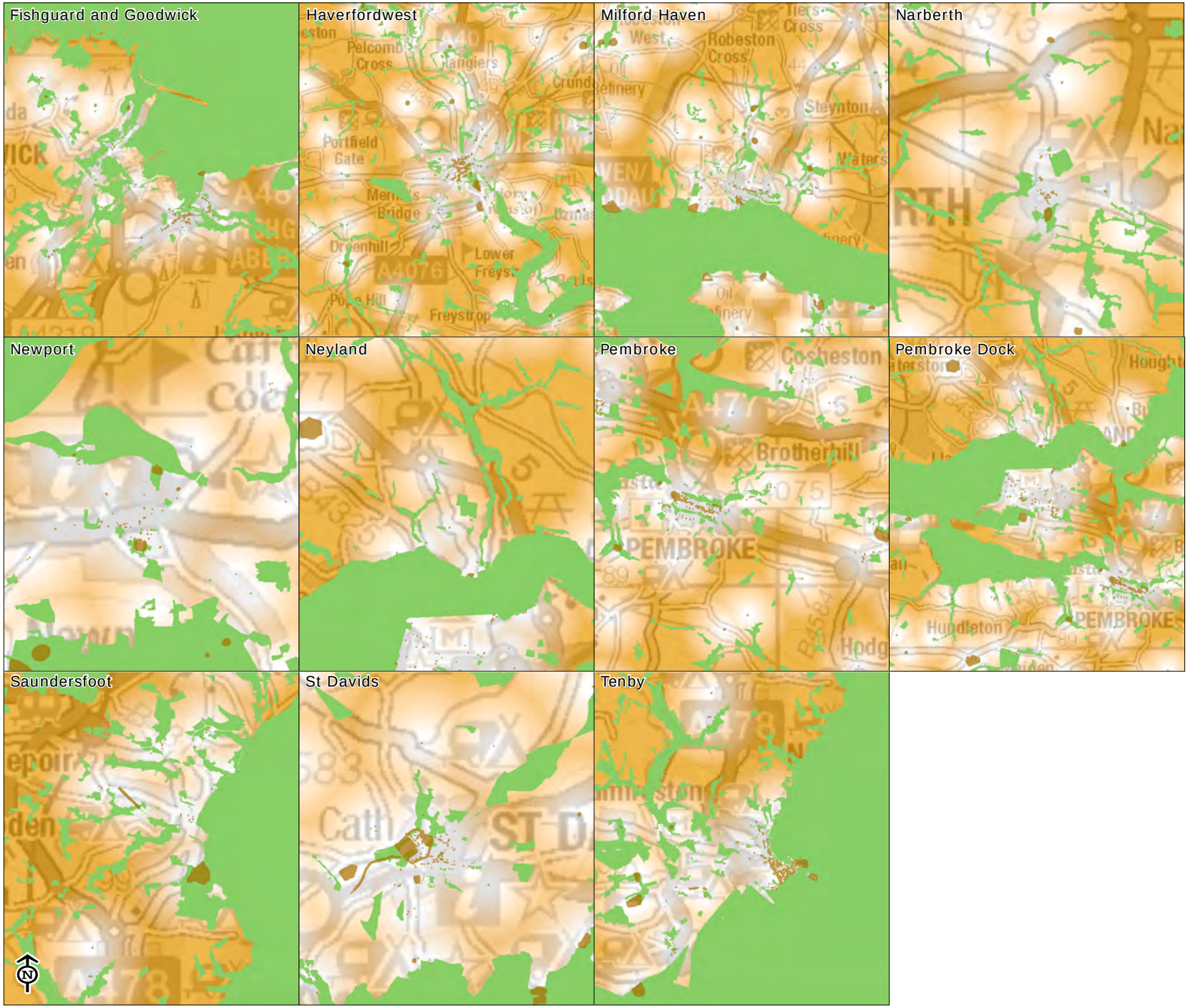


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Figure 8.38: Cultural Heritage
Cultural Heritage Assets

Green infrastructure

Heritage

Cultural heritage assets

Lacking (750 m+)

Near (0 m)

Source: LUC, NRW, OS

Varied scales

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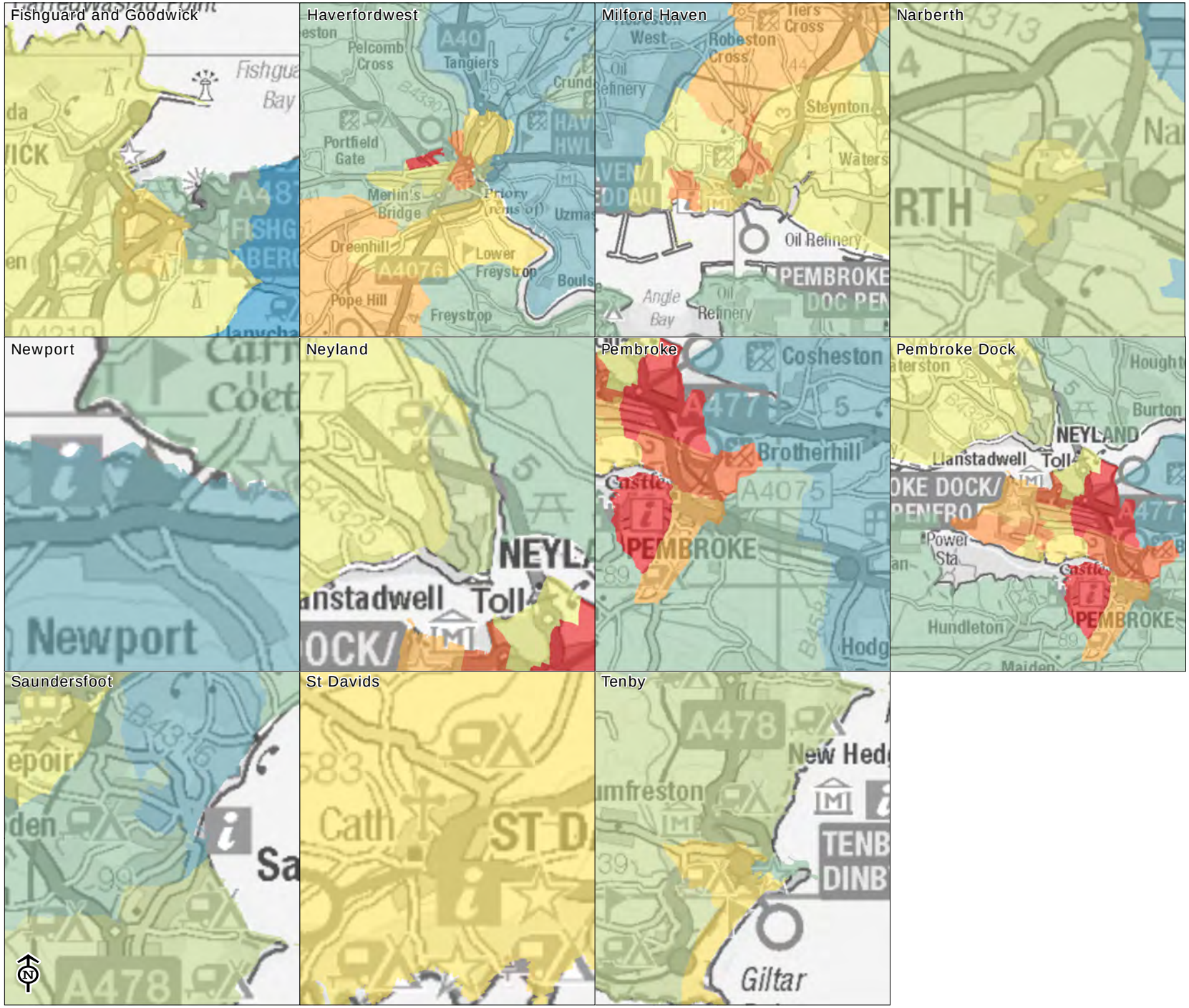
Figure 8.39: Health and Well-being
Health Deprivation



Index of Multiple Deprivation: Health Deprivation

- 0 - 10% (most deprived)
- 10 - 20%
- 20 - 30%
- 30 - 40%
- 40 - 50%
- 50 - 60%
- 60 - 70%
- 70 - 80%
- 80 - 90%
- 90 - 100% (least deprived)

Source: LUC, OS, Welsh Government

Varied scales

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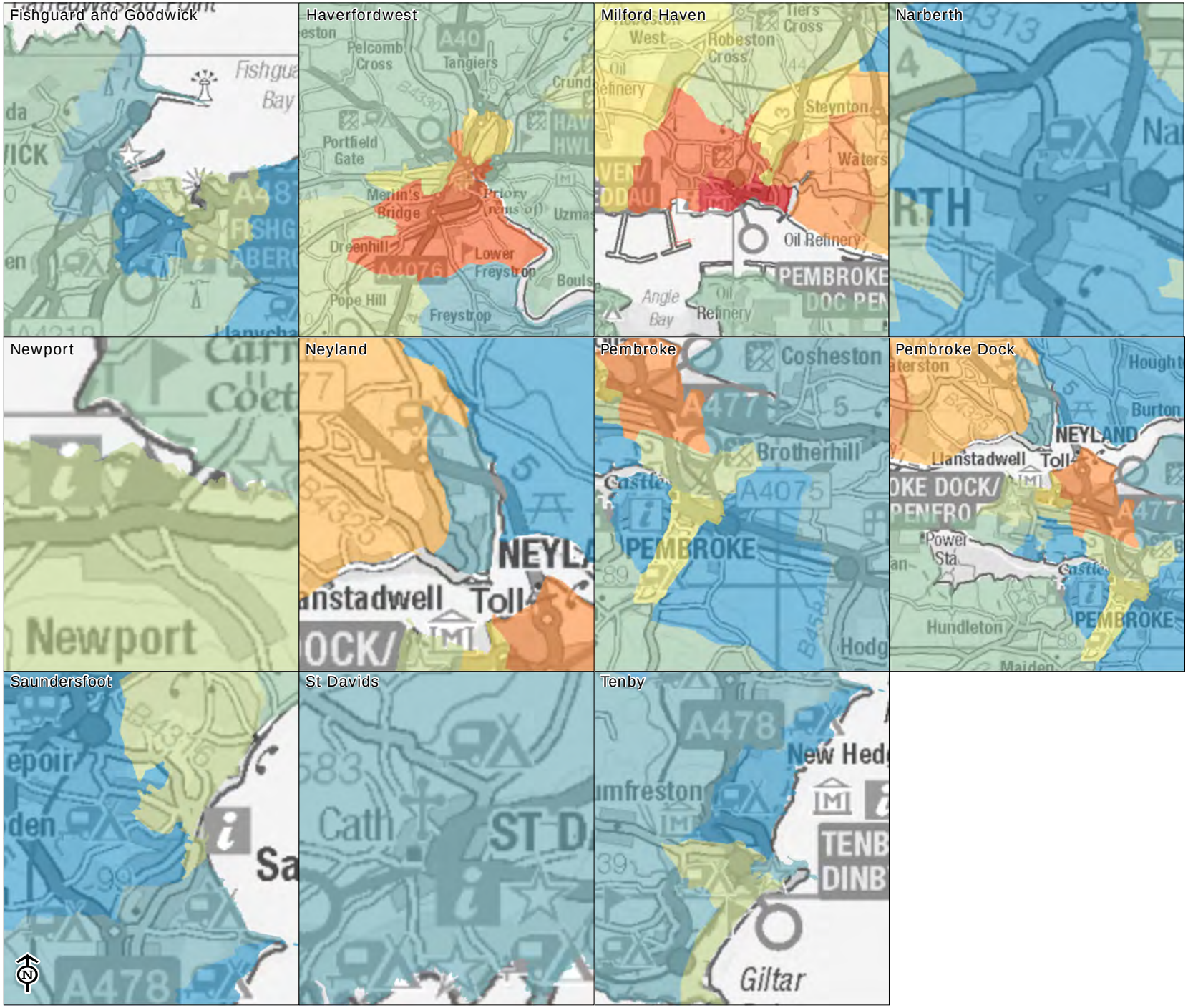

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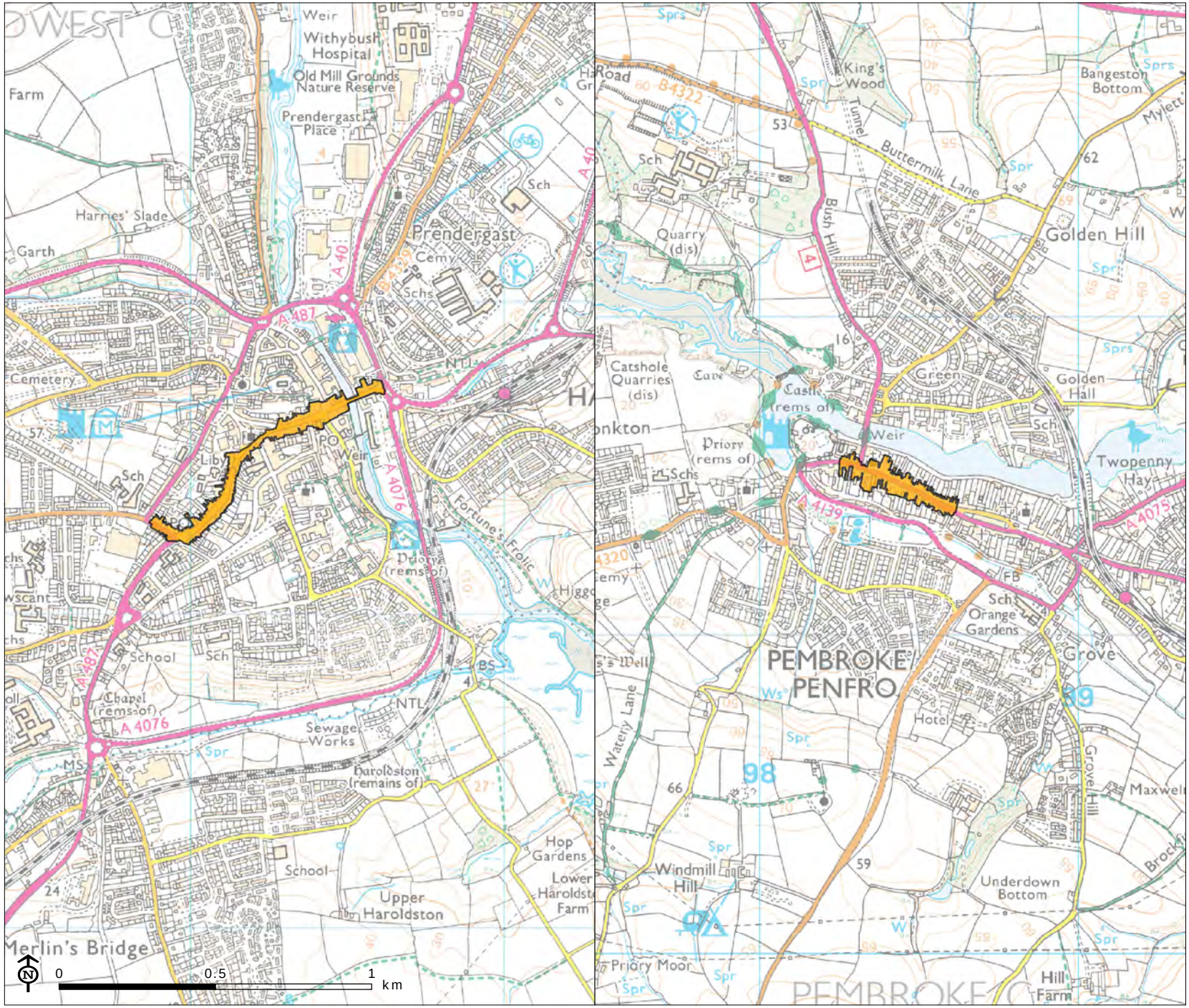

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Figure 8.41: Health and Well-being
Air Quality Management Areas (AQMA)

Air quality management area*

*There are only AQMAs in Haverfordwest and Pembroke

Source: OS, PCC

Map Scale @ A4: 1:17,000

LUC

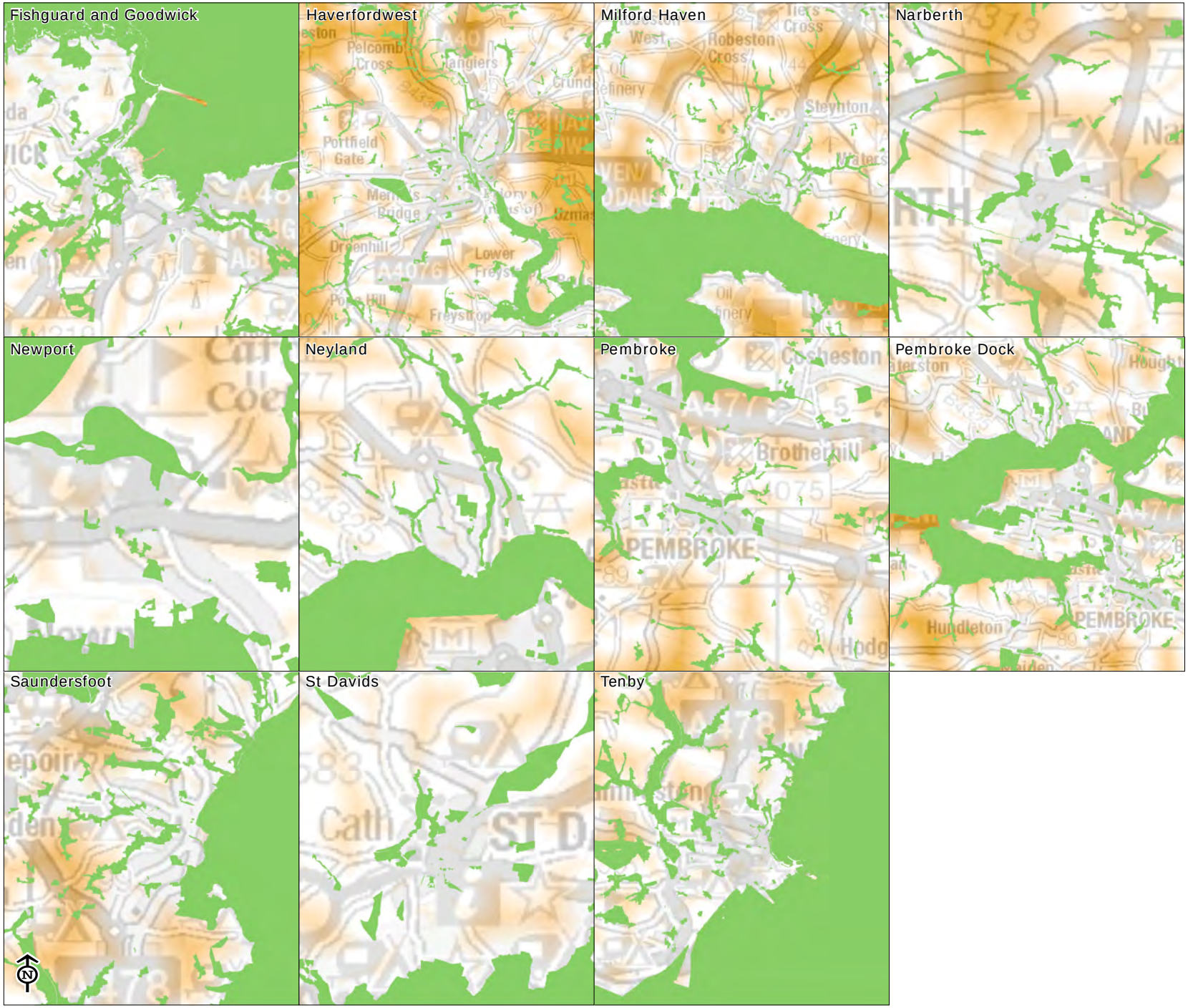

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Figure 8.42: Health and Well-being
Active Transport and Open Spaces

Green infrastructure

Active transport and open space

Active transport and open space

Lacking (750 m+)

Near (0 m)

Source: LUC, NRW, OS, PCC, PCNPA, Sustrans, WWBIC

Varied scales

LUC

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CB:KS EB:Stenson_K LUC FIGX_r1_10095_Active_Active_Transport_Open_Space_Heat_Map_Panelled_A4L 05/06/2018

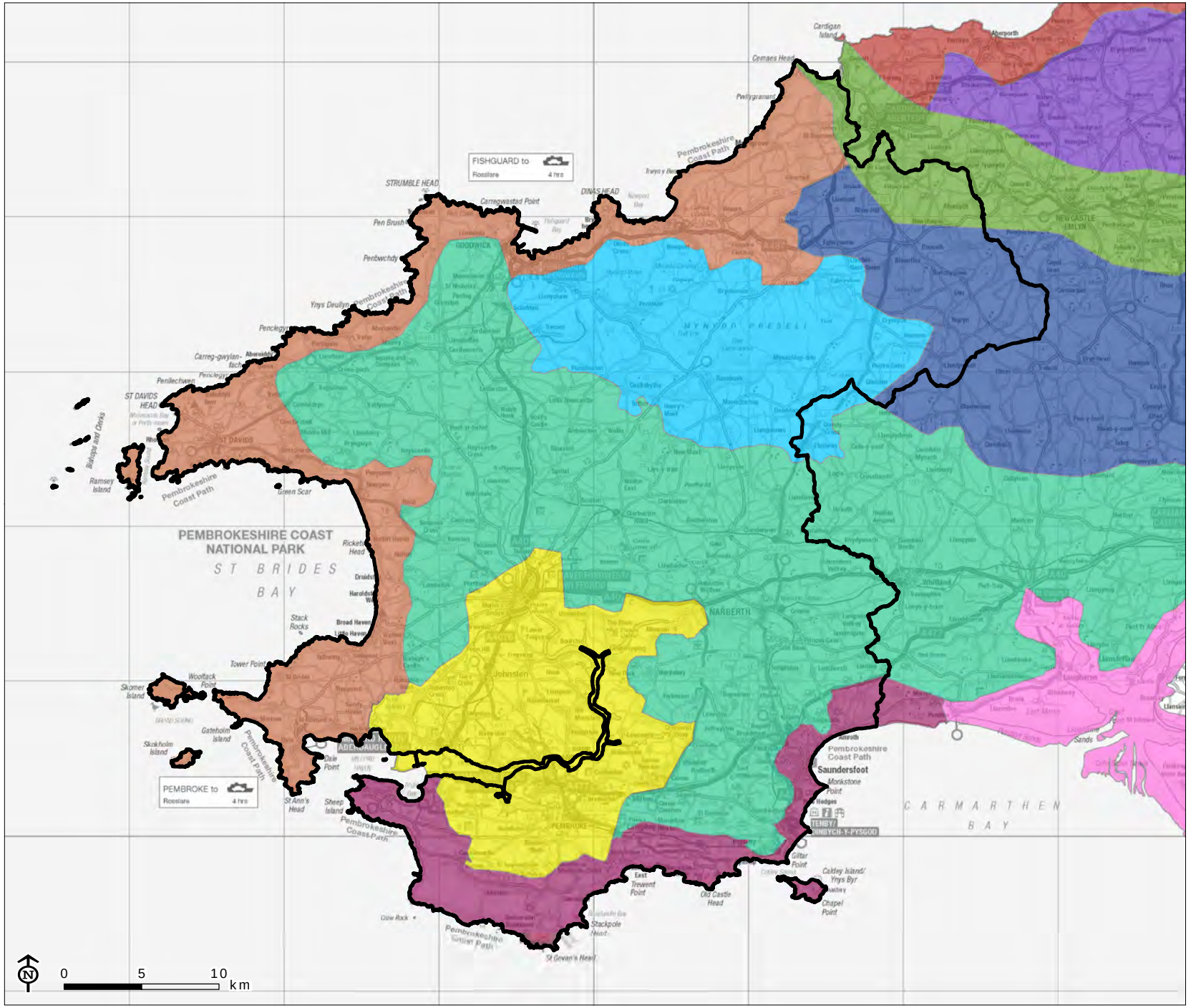

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Figure 8.43: Landscape *National Landscape Character Areas*

- 24: Ceredigion Coast
- 25: Bro Ceredigion
- 40: Teifi Valley
- 42: Pembroke and Carmarthen Foothills
- 43: West and North Pembrokeshire Coast
- 44: Taf and Cleddau Vales
- 45: Taf, Tywi and Gwendraeth Estuaries
- 46: Preseli Hills
- 47: South Pembrokeshire Coast
- 48: Milford Haven

Source: NRW

Map Scale @ A4: 1:350,000

LUC

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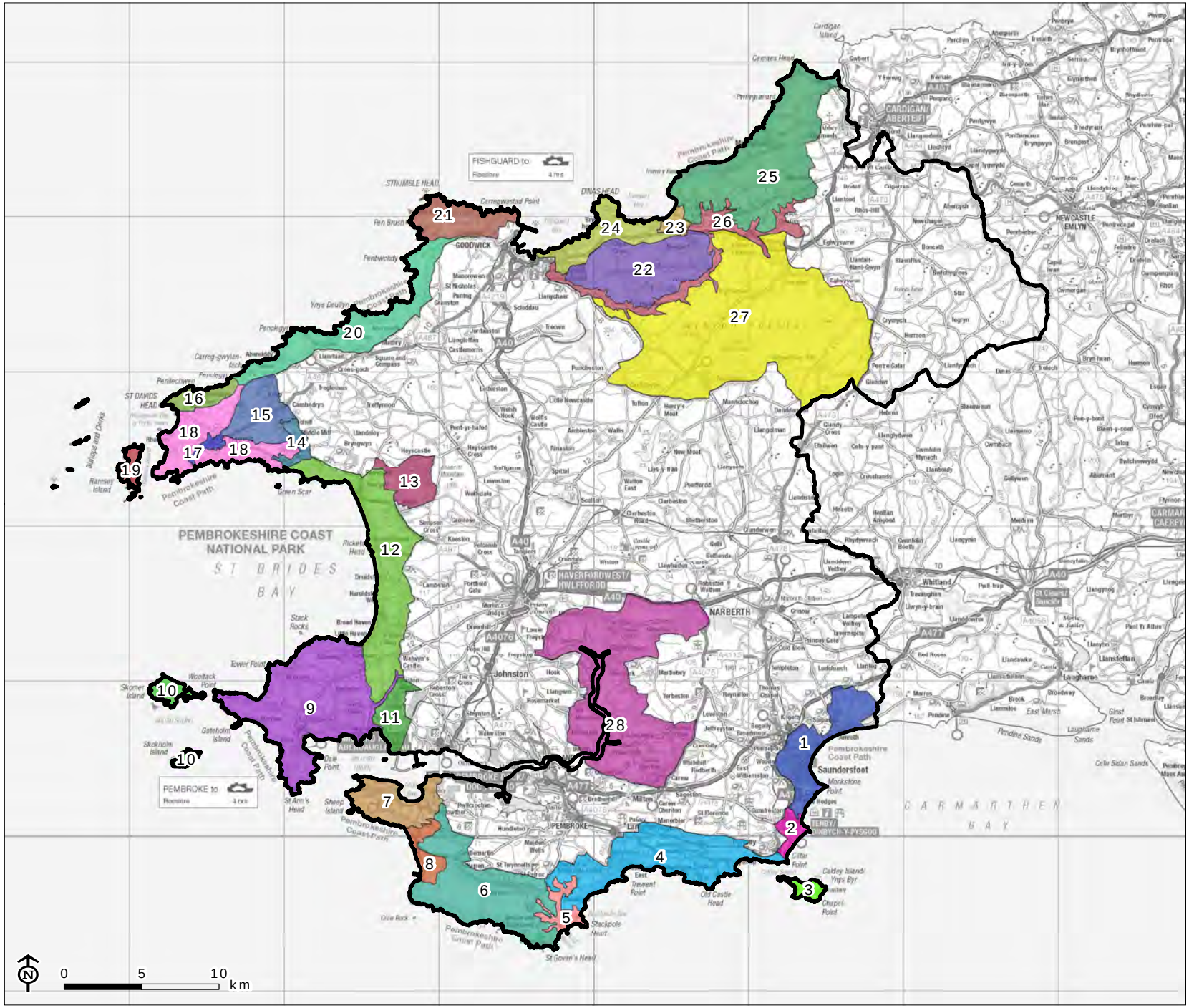
Figure 8.44: Landscape *Pembrokeshire Coast National Park Authority Landscape*



1: Saundersfoot settled coast
2: Tenby
3: Caldey Island
4: Manorbier/Freshwater East
5: Stackpole
6: Castlemartin/Merrion Ranges
7: Angle Peninsula
8: Freshwater West/ Brownslade Burrows
9: Marloes
10: Skomer & Skokholm
11: Herbrandston Refinery Fringe
12: St Brides Bay
13: Brandy Brook
14: Solva Valley
15: Dowrog & Tretio Commons
16: Carn Llidi
17: St Davids
18: St Davids Headland
19: Ramsey Island
20: Trefin
21: Pen Caer/Strumble Head
22: Mynydd Carningli
23: Newport
24: Dinas Head
25: Cemaes Head
26: Cwm Gwaun/Afon Nyfer
27: Mynydd Preseli
28: Daugleddau

Source: NRW

Map Scale @ A4: 1:350,000

LUC

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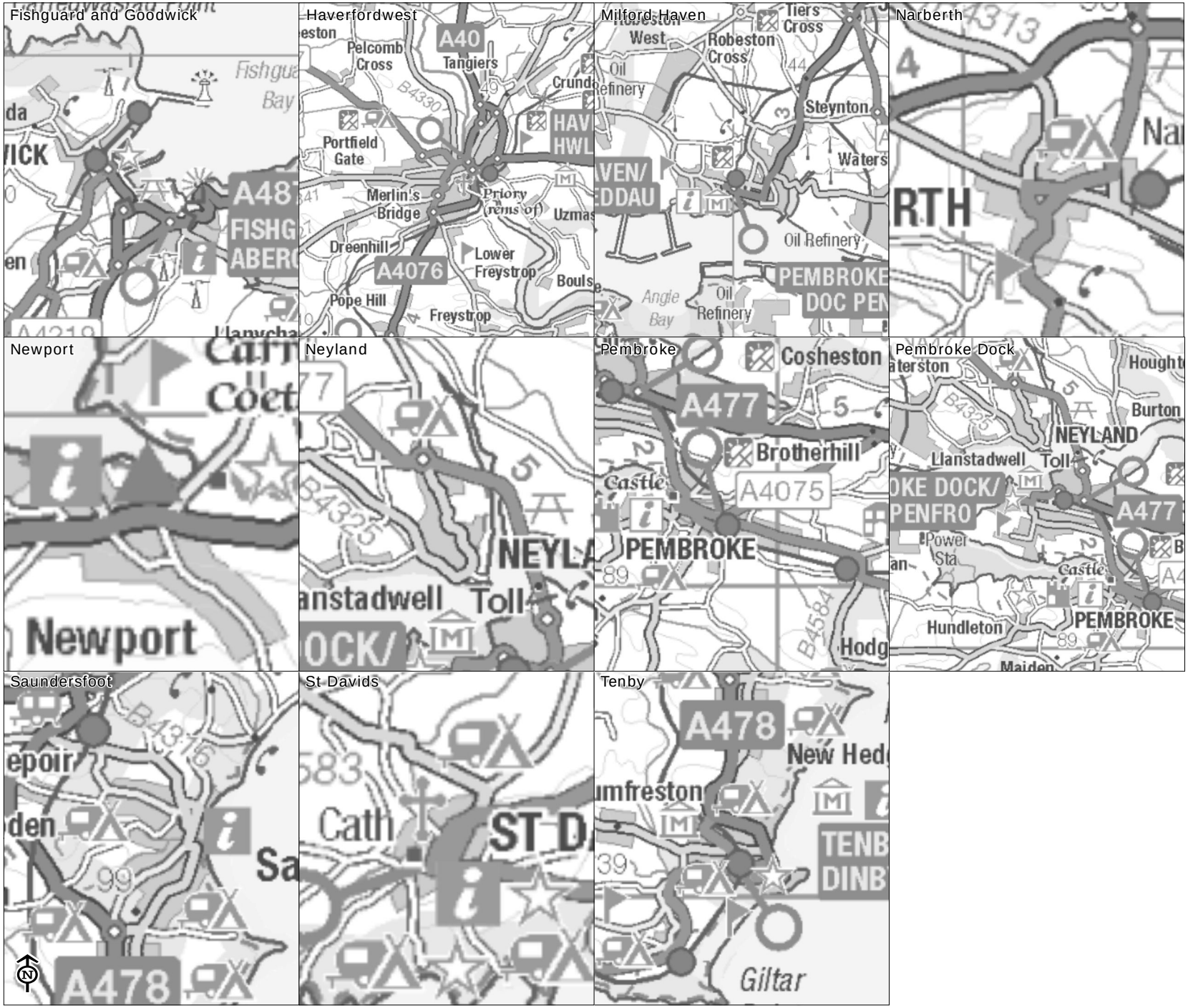

Pembrokeshire Towns: A Green Infrastructure Action Plan

Figure 8.45: Recreation and Play

Recreation and Play Facilities

Green infrastructure

Recreation and play facilities

Recreation

Lacking (750 m+)

Near (0 m)

Source: LUC, NRW, OS, PCC, PCNPA, Sustrans

Varied scales

LUC

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Figure 8.46: Social and Economic Regeneration - Fishguard and Goodwick emerging masterplan (Source: Pembrokeshire County Council)

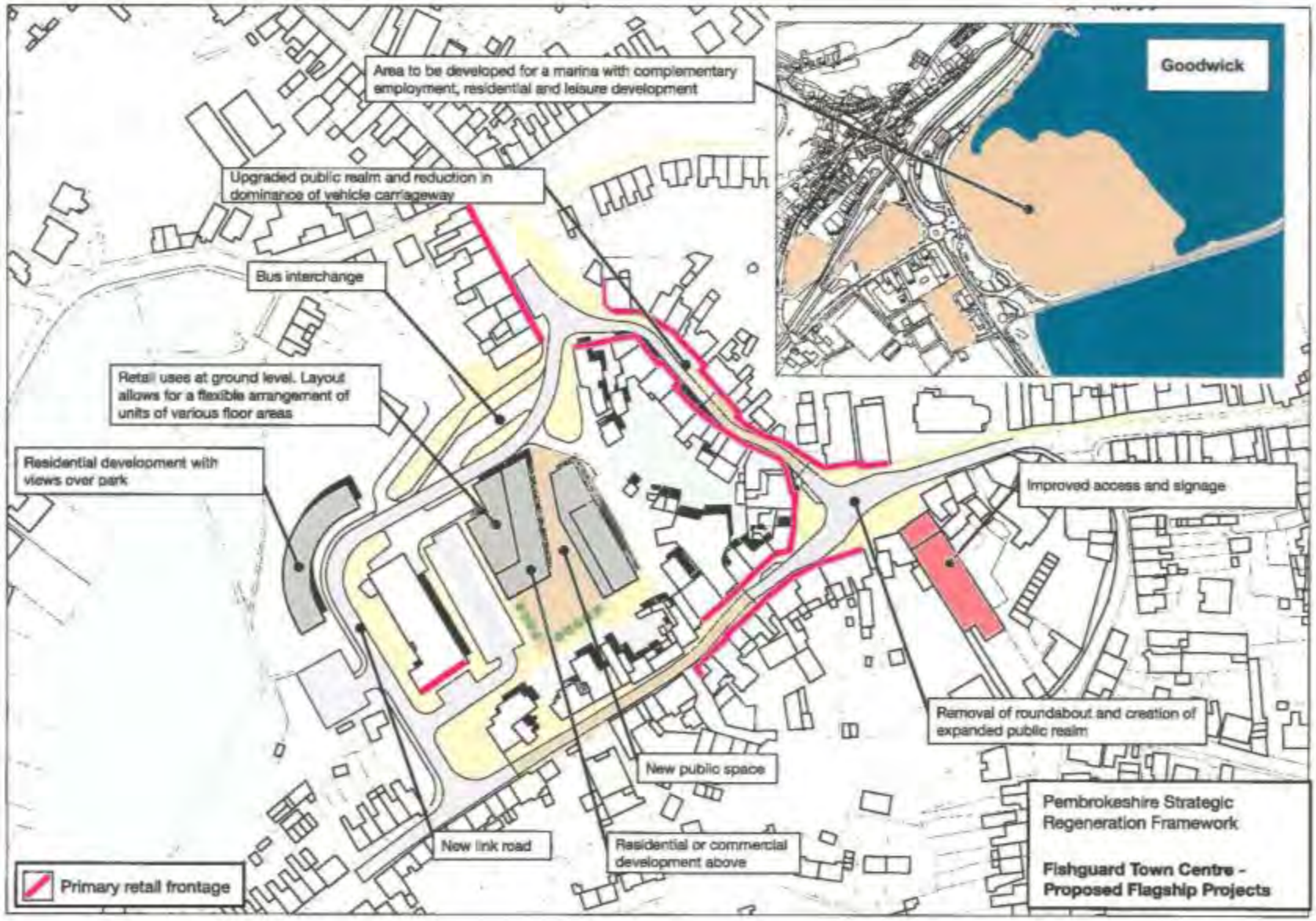

Figure 8.47: Social and Economic Regeneration - Haverfordwest adopted masterplan (Source: Adopted Haverfordwest – A Vision for the Future, Pembrokeshire County Council)

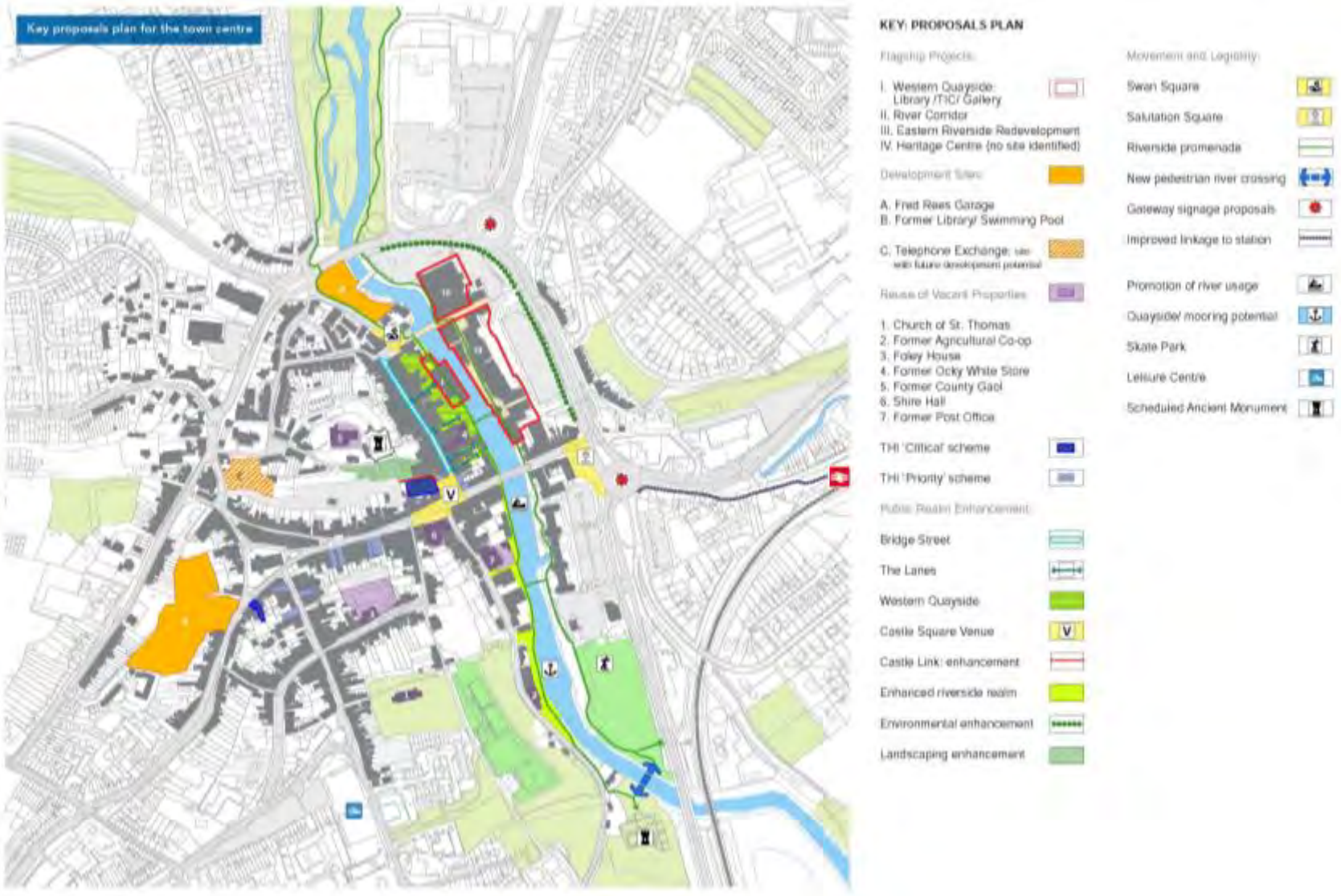

Figure 8.48: Social and Economic Regeneration - Milford Haven emerging masterplan (Source: Pembrokeshire County Council)

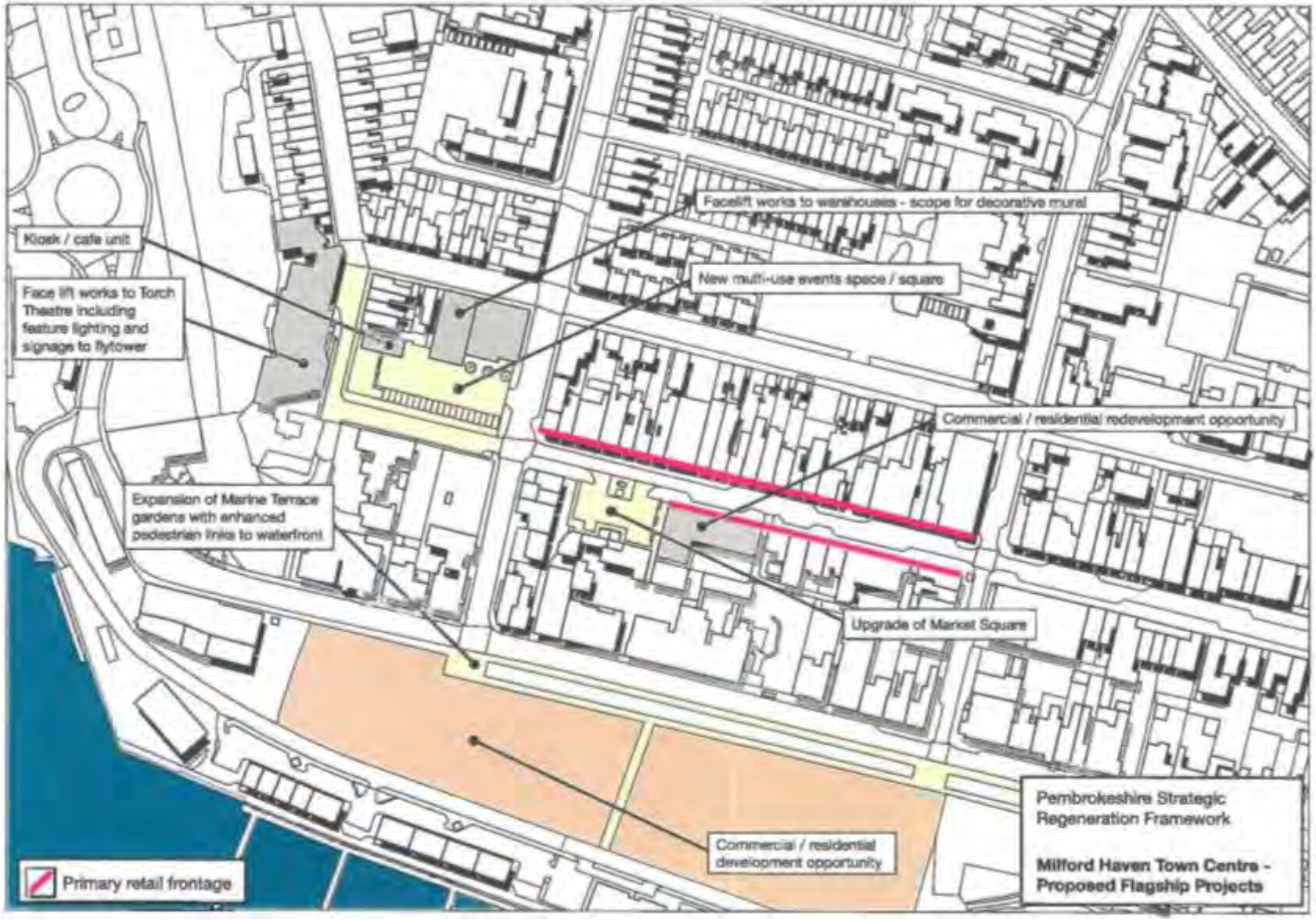

Figure 8.49: Social and Economic Regeneration - Pembroke emerging masterplan (Source: Pembrokeshire County Council)

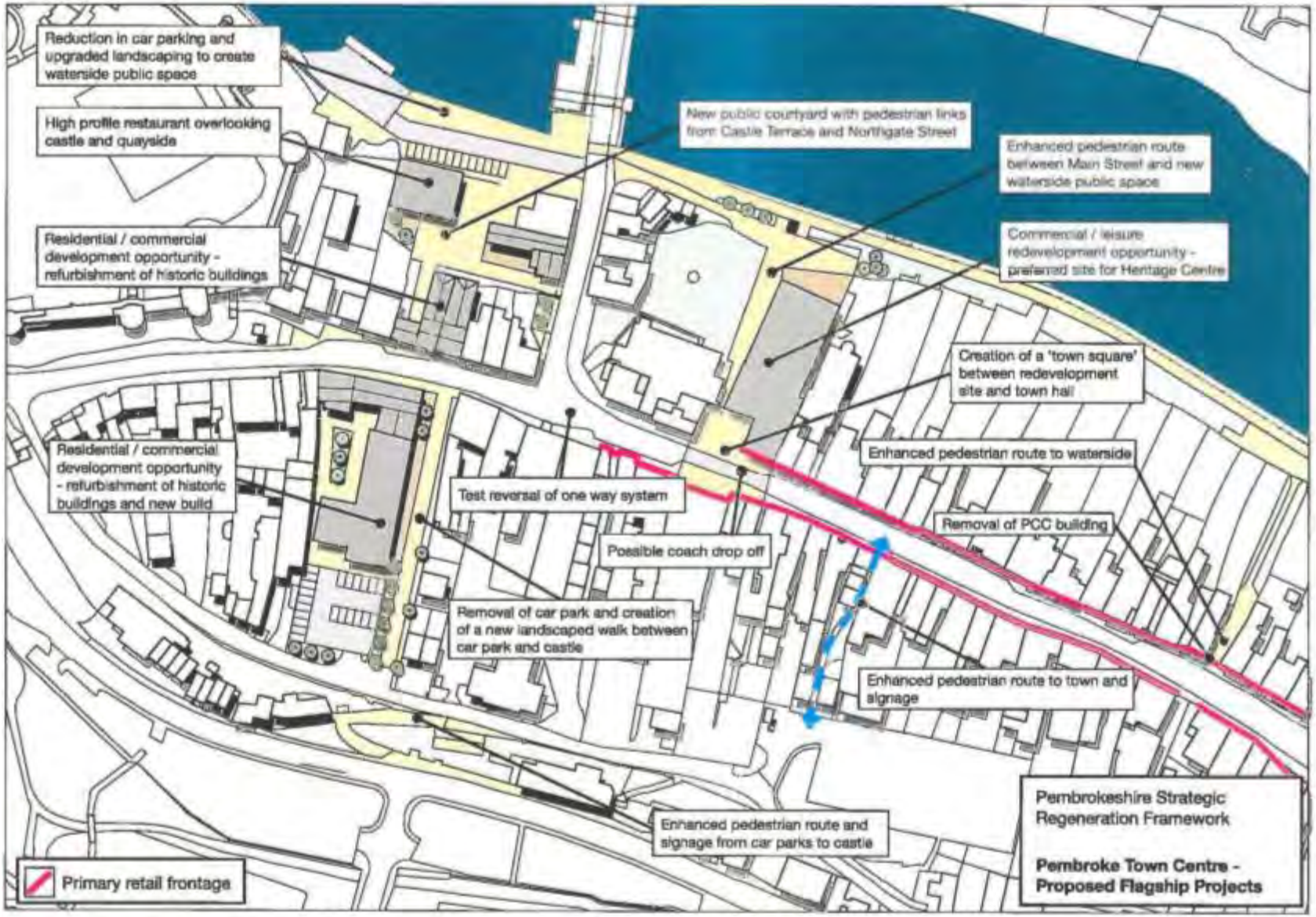

Figure 8.50: Social and Economic Regeneration - Pembroke Dock emerging masterplan (Source: Pembrokeshire County Council)

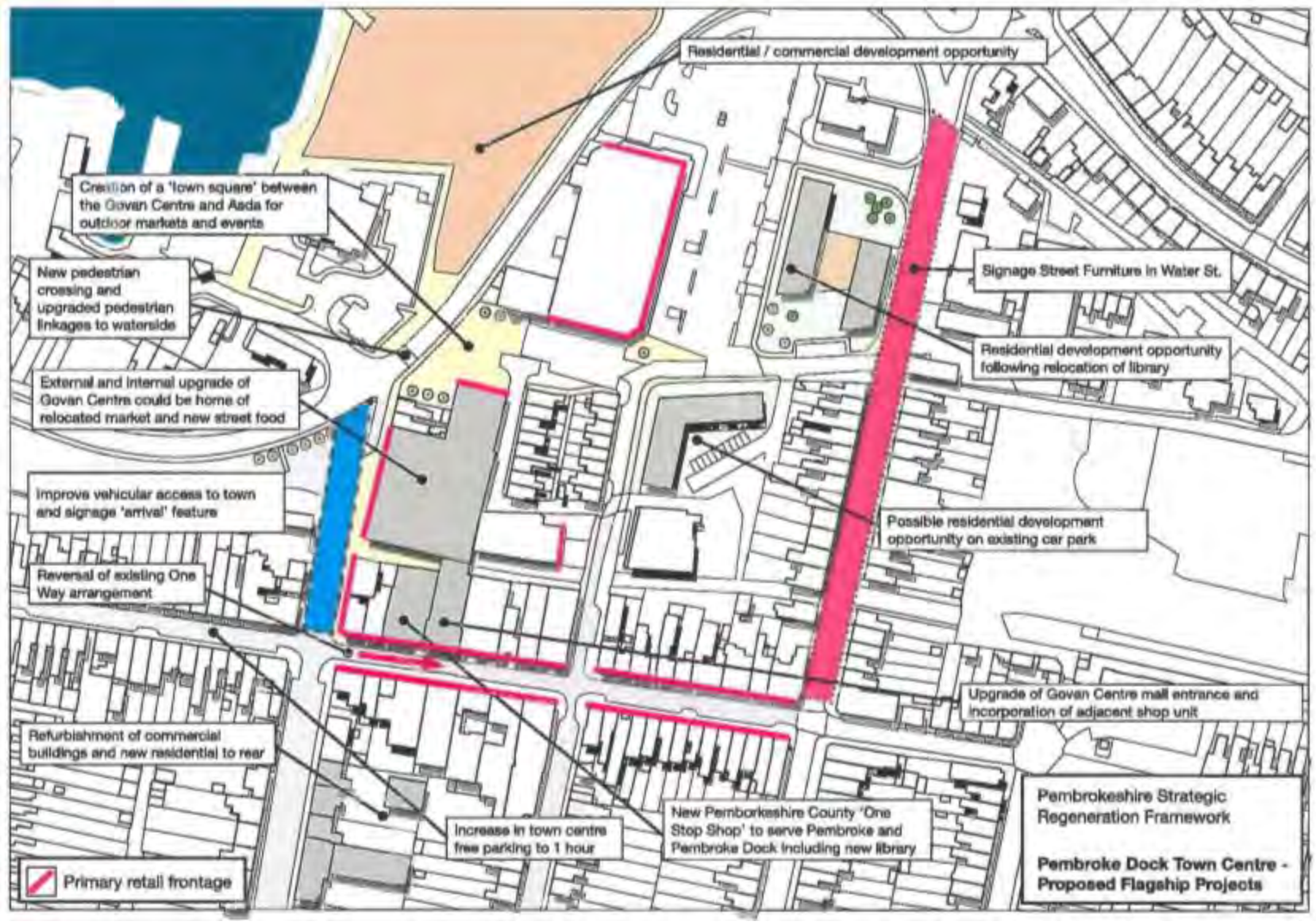

Figure 8.51: Social and Economic Regeneration - Tenby emerging masterplan (Source: Pembrokeshire County Council)

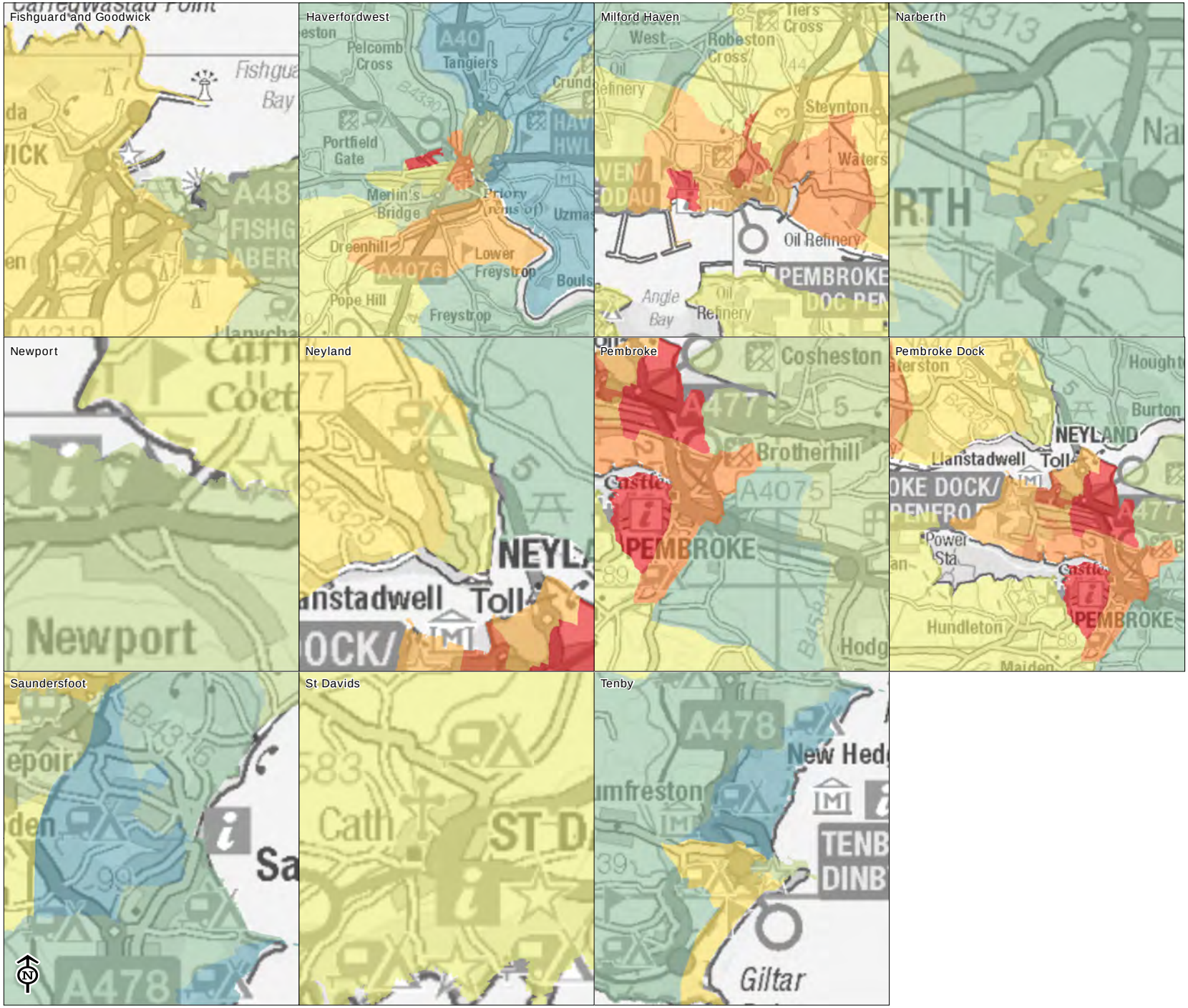

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Figure 8.52: Social and Economic Regeneration
Overall Deprivation

Index of Multiple Deprivation

- 0 - 10% (most deprived)
- 10 - 20%
- 20 - 30%
- 30 - 40%
- 40 - 50%
- 50 - 60%
- 60 - 70%
- 70 - 80%
- 80 - 90%
- 90 - 100% (least deprived)

Source: LUC, OS, Welsh Government

Varied scales

LUC

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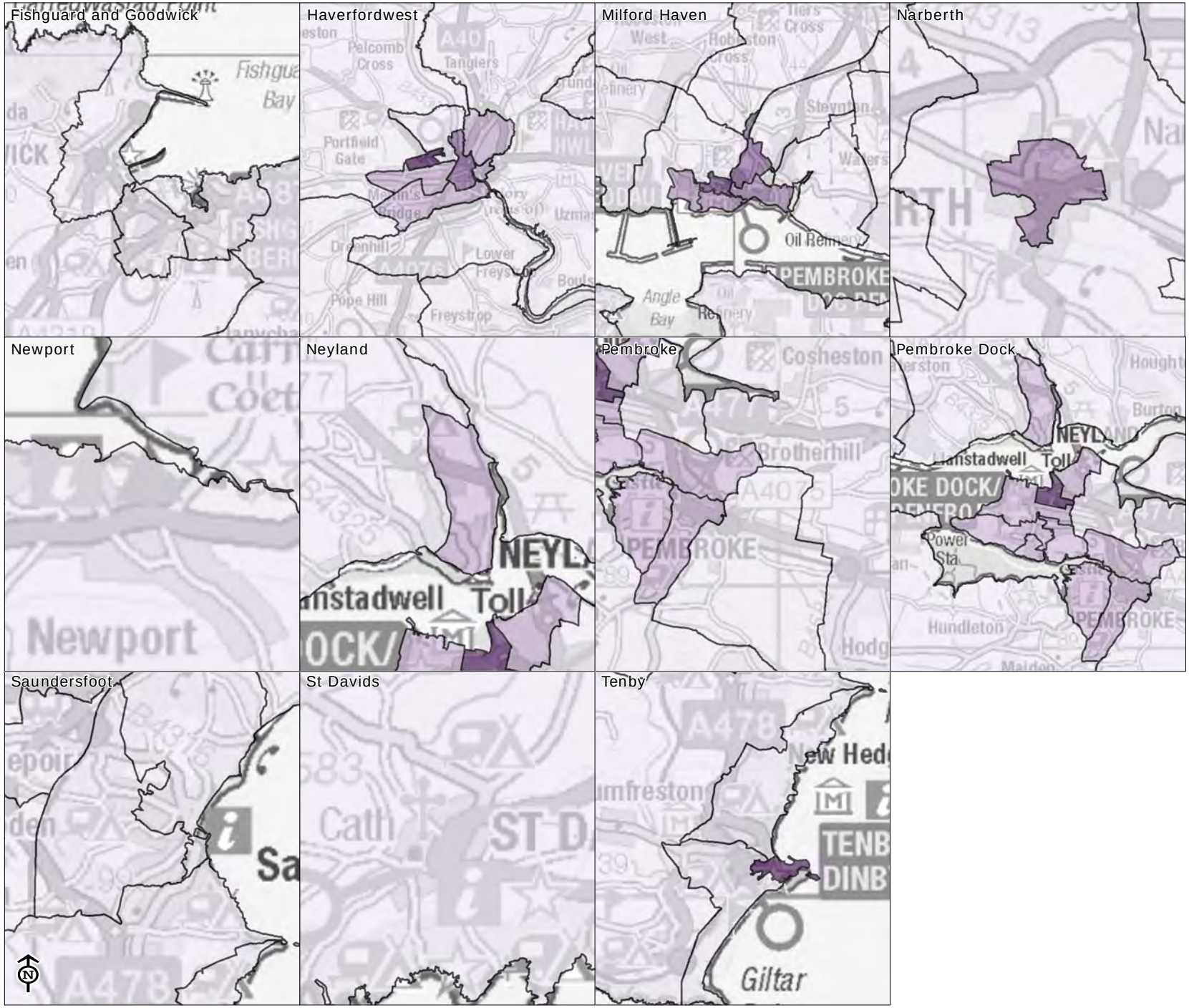

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Figure 8.53: Social and Economic Regeneration
Estimated population within 800 m

Population density (people per hectare)

- 0-10
- 10-20
- 20-30
- 30-40
- 40-50
- 50-60

Source: LUC, OS, ONS

Varied scales

LUC

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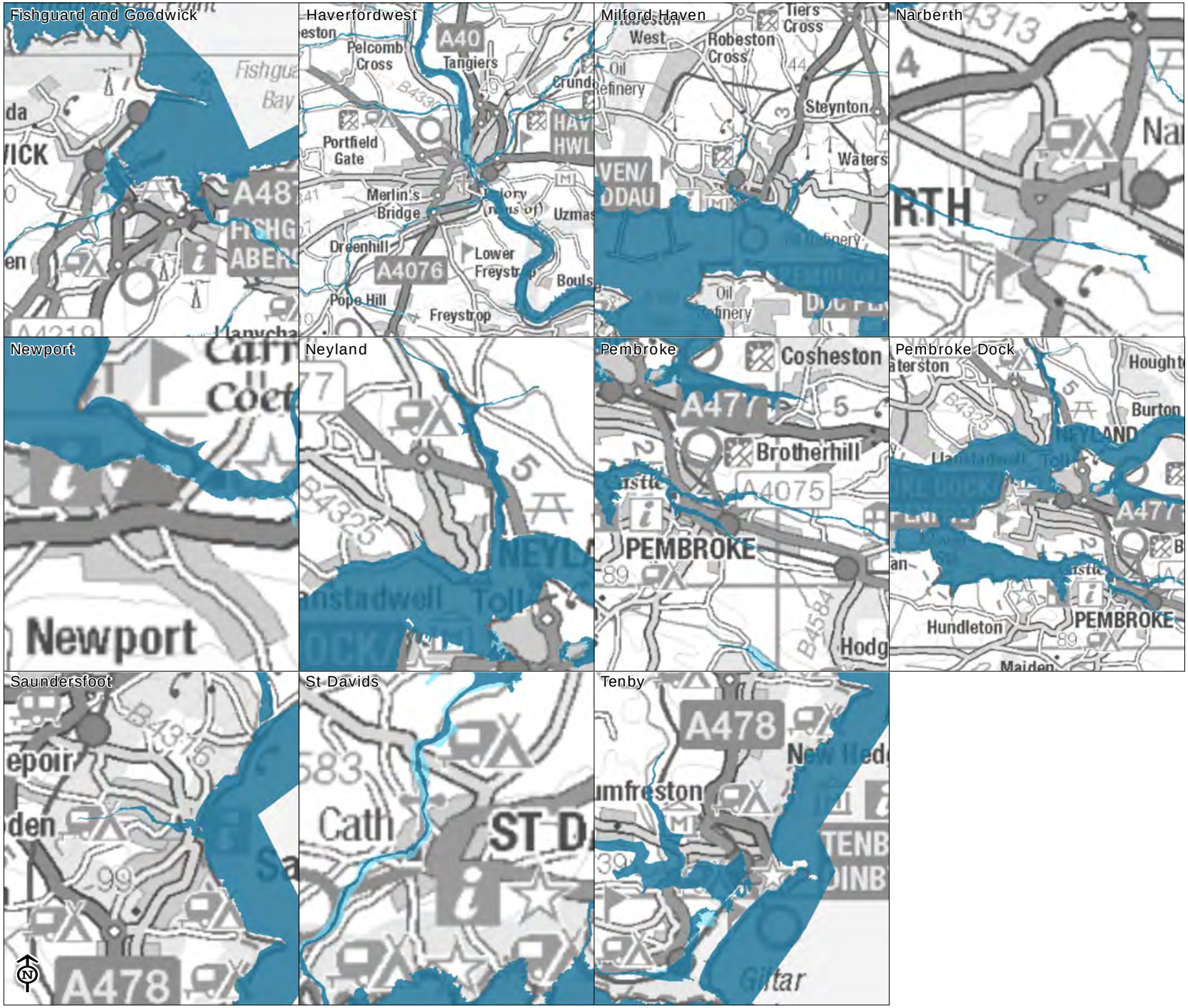

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Figure 8.54: Flooding
Flood Zones

Flood zone 3

Flood zone 2

Source: LUC, OS, NRW

Varied scales

LUC

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Figure 8.55: Flooding
Natural Flood Prevention Opportunities

Natural capital flood prevention analysis

- Tree planting opportunity
- Wetlands floodplain opportunity
- Shelterbelt opportunity
- Re-wetting opportunity
- Field margin opportunity

Source: LUC, OS, PCC

Varied scales

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