



**Cyfoeth
Naturiol**
Cymru
**Natural
Resources**
Wales

LANDMAP Landscape Habitats Statistics 2019

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Report No: 342

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Our purpose is to ensure that the natural resources of Wales are sustainably maintained, used and enhanced, now and in the future.

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We work to support Wales' economy by enabling the sustainable use of natural resources to support jobs and enterprise. We help businesses and developers to understand and consider environmental limits when they make important decisions.

We work to maintain and improve the quality of the environment for everyone and we work towards making the environment and our natural resources more resilient to climate change and other pressures.

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We will realise this vision by:

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- Securing our data and information;
- Having a well resourced proactive programme of evidence work;
- Continuing to review and add to our evidence to ensure it is fit for the challenges facing us; and
- Communicating our evidence in an open and transparent way.

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1. Crynodeb Gweithredol

Comisiynwyd Environment Systems Ltd gan Gyfoeth Naturiol Cymru (GNC) ym mis Chwefror 2019 i gynnal asesiad LANDMAP o Gynefin Tirwedd ar sail Cymru gyfan ac ar gyfer chwe ardal weithredol CNC.

Mae'r adroddiad yn dadansoddi nodweddion allweddol o fewn haenau Cynefin Tirwedd LANDMAP i ddarparu canlyniadau ystadegol a mapiau. Mae'r dadansoddiad yn amlygu'r dosbarthiad presennol, ac yn dangos y gwerthusiad cyffredinol a'r nodweddion allweddol o'r gwerthusiad. Mae'r adroddiad hefyd yn ystyried newidiadau yn dilyn monitro LANDMAP.

Mae ardal gyffredinol Cymru y cyfeirir ati yn y testun yn deillio o haen Cynefin Tirwedd LANDMAP sy'n wahanol i ardal swyddogol Cymru. Mae hyn yn bennaf oherwydd triniaeth dyfroedd arfordirol sy'n cael eu cynnwys mewn mannau yn yr haen Cynefin Tirwedd. Mae'r holl ganrannau a nodwyd yn perthyn i'r ardal set ddata Cynefin Tirwedd LANDMAP berthnasol, nid i arwynebedd swyddogol Cymru neu grŵp awdurdod lleol.

Dylid nodi bod ardaloedd trefol Caerdydd ac Abertawe wedi'u cynnwys yn y set ddata ar ôl monitro. Felly, mae'r ardaloedd hyn yn cael eu dosbarthu, eu disgrifio a'u gwerthuso ond nid ydynt wedi'u cynnwys yn y cynefinoedd sy'n cael eu monitro lle canfyddir newid go iawn.

2. Introduction

Environment Systems Ltd were commissioned by Natural Resource Wales (NRW) in February 2019 to undertake a LANDMAP Landscape Habitat assessment on an all Wales basis and for the six NRW operational areas.

The report analyses key features within the LANDMAP Landscape Habitat layers to provide statistical results and maps. The analysis highlights the current classification, and shows the overall evaluation and key features from within the evaluation. The report also considers changes following LANDMAP monitoring.

The overall Wales area referred to in the text is derived from the LANDMAP Landscape Habitat layer which is different from the official Wales area. This is mainly due to the treatment of coastal waters which are included in places in the Landscape Habitat layer. All percentages stated are related to the relevant LANDMAP Landscape Habitat dataset area, not to the official Wales or local authority grouping land area.

It should be noted that the urban areas of Cardiff and Swansea were included in the dataset post monitoring. These areas are therefore classified, described and evaluated but not included in the landscape habitats monitoring where real change is detected.

3. All Wales Overview

This chapter provides an analysis of the Landscape Habitats layer for the whole of Wales. All questions that are readily categorized have been examined. The analysis has been split into the categories set out below, following the LANDMAP methodology guidance note for the Landscape Habitats layer:

- Classifications
- Evaluations
- Monitoring

3.1. Summary

Over 57% of Wales is covered in **Grassland and Marsh** habitat (12235km²), 3.67% comprises **Built Up Areas**, 2.71% **Coastland**, 0.21% **Cultivated/Disturbed Land**, 2.12% **Heathland**, 0.05% **Marine** (surveyed within the Landscape habitats layer), 1.21% **Mire/Swamp, Marginal and Inundation**, 21.55% **Dry and Wet Terrestrial Mosaic, Mosaic**, 0.44% **Open Water**, 0.2% **Rock Exposure and Waste**, 1.14% **Tall Herb and Fern** and 9% **Woodland and Scrub** aspect areas.

Almost 15% of Wales is evaluated as of overall **Outstanding** value with 27.6% as **High**. This means that almost 43% of the Country has national or international importance being within these two categories **Outstanding** or **High**. Most of the aspect areas evaluated as **Outstanding** comprised **Dry and Wet Terrestrial Mosaic / Mosaic** aspect areas.

In terms of the component evaluations, just under 28% was Unassessed for **Opportunity** with 1.68% evaluated as **Outstanding**. Over 53% of Wales was **Unassessed** for **Sensitivity** with just over 6% being evaluated as **High** or **Outstanding** to the effects of land management and other practices that could adversely affect the biodiversity of that area. Just under 22% of Wales was evaluated as **Outstanding** or **High** for **Connectivity / Cohesion**.

In terms of **Condition** just under 84% was **Unassessed**. 5.8% was **Good** and 7.7% **Fair**.

Over 83% of Wales aspect areas remain **Constant** for biodiversity value (**Trend**) with 3.5% **Improving** and just under 13% **Declining**.

Just over 13% of aspect areas have been updated following monitoring work because there was **real change**. Of that area 65.77% was because of change in **Boundaries** only.

3.1.1. Detailed findings

Key findings for each question are set out below, followed by the supporting graphs and/or maps. Data tables providing the raw data behind the graphs are provided in Appendix 1.

3.2. Classification

3.2.1. Primary and secondary habitat classification at levels 2 and 3

See supporting data Table 1, Figure 1, Figure 2 and Figure 3.

The Landscape habitat evaluation of Wales covers an area of 21207.77km², 7000.30km² (33%) of this is classified as **Dry Terrestrial Mosaic**, with almost a third of that 30.76% (2153.29km²) being **Grassland and Marsh Mosaic**. Where the land-cover contains a mixture of agriculturally improved and habitat features the classification **Mosaic/Mosaic** was assigned, this habitat type covers approximately a fifth of Wales 4429.04km² (20.88%).

Grassland and Marsh dominated aspect areas are the second most commonly dominated aspect area type in Wales and cover 10082.09km² (47.56%)(excluding Grassland and Marsh Mosaic), **Improved Grassland** is the dominant primary habitat across Wales covering 8935.06km² (42%). **Acid Grassland** makes up 727.71km², **Marshy Grassland** 394.34km², with **Neutral** and **Calcareous** grassland combined covering less than 1% of land across Wales.

Woodland and scrub aspect areas dominate the aspect areas in over 1609.18km² of land across Wales (7.59%) with 1264.74 km² of this being coniferous woodland. **Broadleaved Woodland** covers 226.46km². **Mixed Woodland** 106.45km², the remaining **Scrub, Parkland and Scattered Trees** along with **Recently Felled Woodland** combined makes up less than 1% of habitat land-cover across Wales.

Built up areas are recorded as **Industrial** and **Residential Green Space** with the latter comprising 699.91km² and the former comprising aspect areas covering less than 0.5% landcover across Wales.

Heathland aspect areas covers 450.04km² including **Heathland Mosaic**, with 338.01km² of this being **Dwarf Shrub Heath** and the remaining 5.82km² consisting of **Montane/Lichen/Bryophyte Heath**.

Tall Herb and Fern dominated aspect areas are recorded as **Bracken** dominated land cover, this covers 241.58km² of Wales.

Open Water aspect areas cover 93.7km² of Wales this is made up of **Reservoirs and Lake Margins** (aspect areas covering 0.23% across Wales as a whole) and **river corridors** (aspect areas covering 0.2% across Wales as a whole).

Wet Terrestrial Mosaics cover 52.01km². A combination of aspect areas are classified as **Mosaic/Mosaic** and comprise 36.70km². The remainder of land classified under this secondary habitat is **Mire/Swamp, Marginal and Inundation Mosaic**, making up less than 0.1% of aspect areas across Wales. The **Mire/Swamp Marginal and Inundation** secondary classification covers 241.45km² of land, 233.04km² of this area aspect areas classified as **Bog/Bare Peat/Flush/Spring**, the remaining 8.54km² is classified as **fen/swamp/marginal/inundation** primary habitat.

Cultivated/Disturbed Land dominated aspect areas cover 41.74km² of land across Wales, 30.25km² of which is are classified as **Arable** land. The remaining 11.49km² is classified as **Amenity Grassland**.

Rock Exposure and Waste dominated aspect areas make up 41.49km² of the overall area with **Artificial Exposures and Waste Tips** covering 39.49km² of land. The remaining 2km² consists of **Natural Inland Cliff**.

Coastal and Marine Mosaic aspect areas make up just over 1% of Wales, covering 212.84km². **Intertidal** aspect areas including **Muds/Sands, Saltmarsh, Shingle/Gravel and Boulders/Rocks** account for 380.55Km², **Sand Dune** 73.14km² and **Maritime Cliff and Slope** 13.75km². **Offshore Shallow Waters** account for 10.97km².

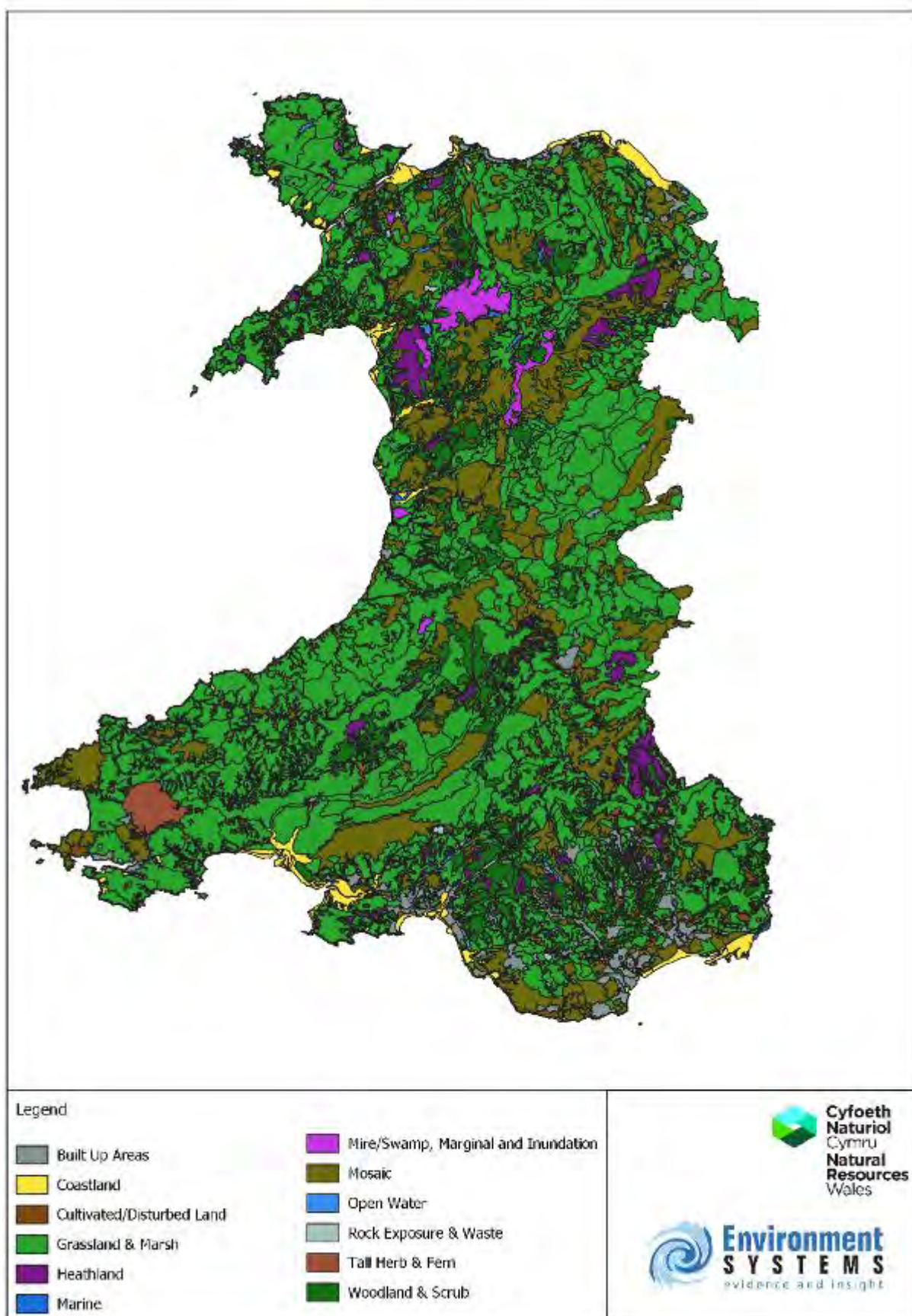


Figure 1: All Wales Map of Level 2 Classification

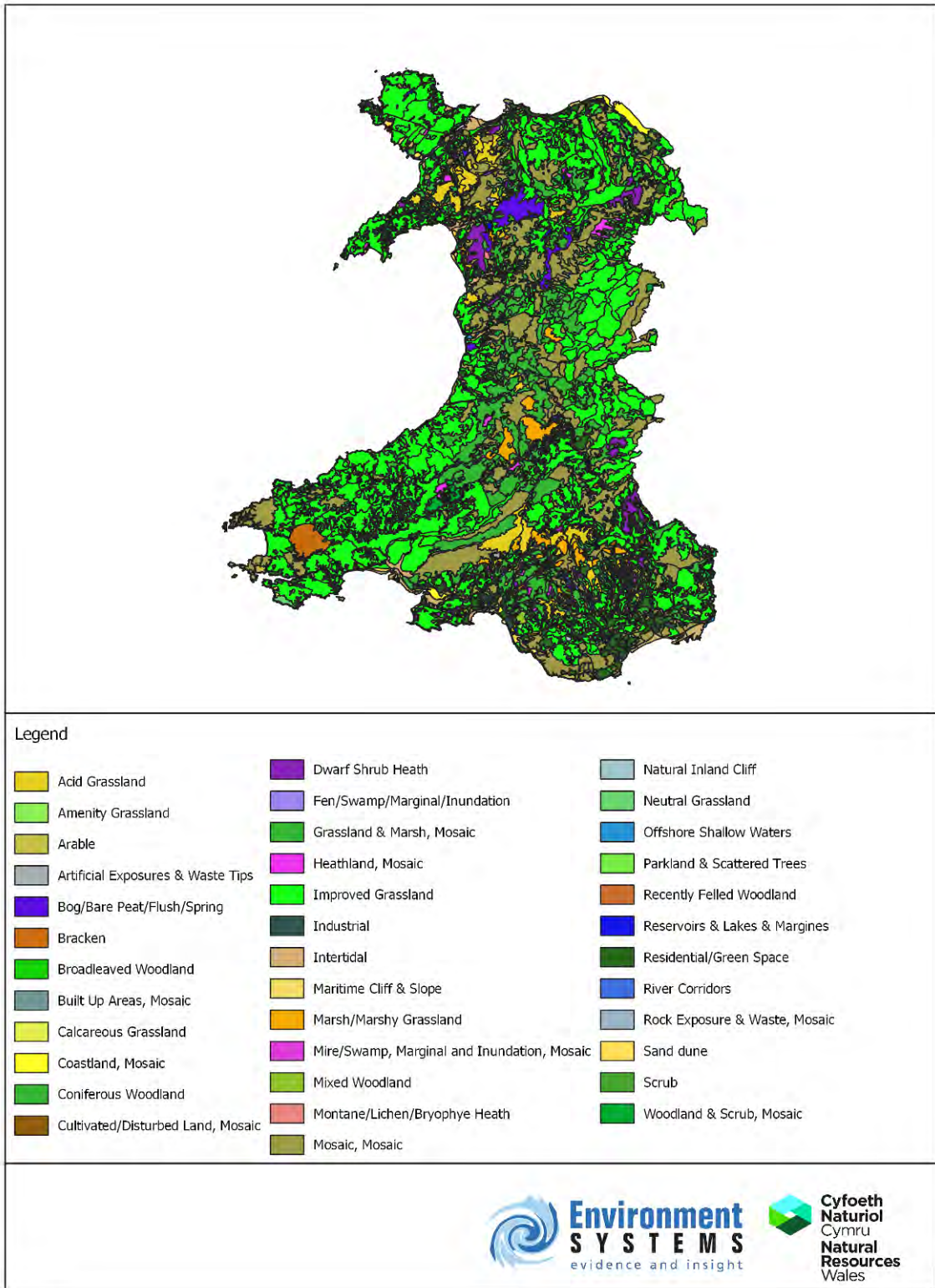


Figure 2: All Wales Map of Level 3 Aspect Areas

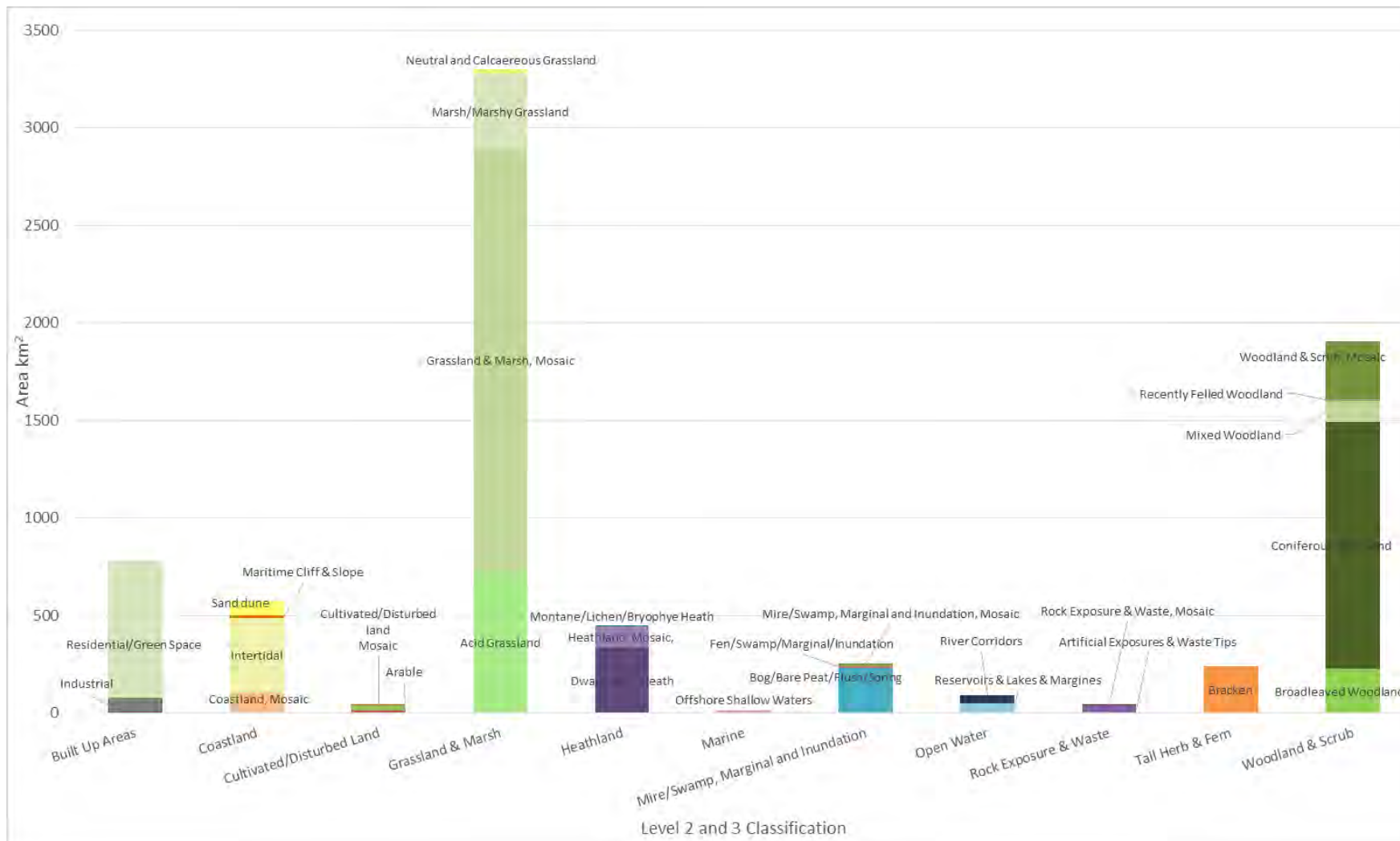


Figure 3: All Wales Level 2 and Level 3 Classification : Due to the large area of land covered by **improved grassland** (8935.06km², 42%) and **dry and wet terrestrial mosaic/mosaic** aspect areas (365.85km², just under 28%), these values have been omitted from Figure 3. By omitting these values the lesser represented aspect areas are now visible within the graph.

As shown in Figure 4 and Figure 5 in terms of the overall evaluation of Level 2, 3156.24km² is evaluated as **Outstanding** (15%). Figure 5 shows the majority of this is composed of **Mosaic - (Dry Terrestrial and Wet Mosaics)** (1159.34km² or 36.73%), **Grassland and Marsh** accounts for 850.83km² (36.95%). **Heathland** and **Mire/Swamp, Marginal and Inundation** account for 296.58km² and 231.58km² of the area respectively. Therefore 86% of **Heathland** dominated aspect areas across Wales are evaluated to be **Outstanding**. 438km² of **Coastland** aspect areas are evaluated as **Outstanding**, equating to 76% of aspect areas dominated by that particular habitat. **Woodland and scrub** dominated aspect areas are evaluated with 142.95km² being **Outstanding**. The entirety of aspect areas dominated by **Marine** aspect areas have been evaluated **Outstanding** (10.97km²). Aspect areas classified as **Built Up Areas** and **Cultivated/Disturbed Land** have no evaluation of **Outstanding**.

Over a quarter of aspect areas in Wales are evaluated as **High** (5853.92km² or 27.6%), with over half of this comprising **Grassland and Marsh** (3009.13km²). **Mosaic, Mosaic** comprise 1841.89km² (31.46%) of this evaluation. Just over 552km² of **Woodland and Scrub** habitat have been evaluated as **High** along with 77.75km² of **Tall Herb and Fern**, 50.63km² of **Open Water** and 139.93 km² of **Heathland**. Only 5% of **Built Up Areas** have been evaluated as **High** (45.78km²).

Just under 48% of aspect areas in Wales are evaluated as **Moderate** (10124.78km²). Three-quarters of this is attributed as **Grassland and Marsh** (7464.68km²). **Woodland and Scrub** accounts for 852.86km² of this evaluation which is just under 45% for aspect areas dominated by this habitat.

Heathland, Coastland and Marine and Mire/Swamp, Marginal and Inundation aspect areas have no evaluation of **Low**. 67% of **Built Up Areas** are evaluated as **Low** (521.59km²).

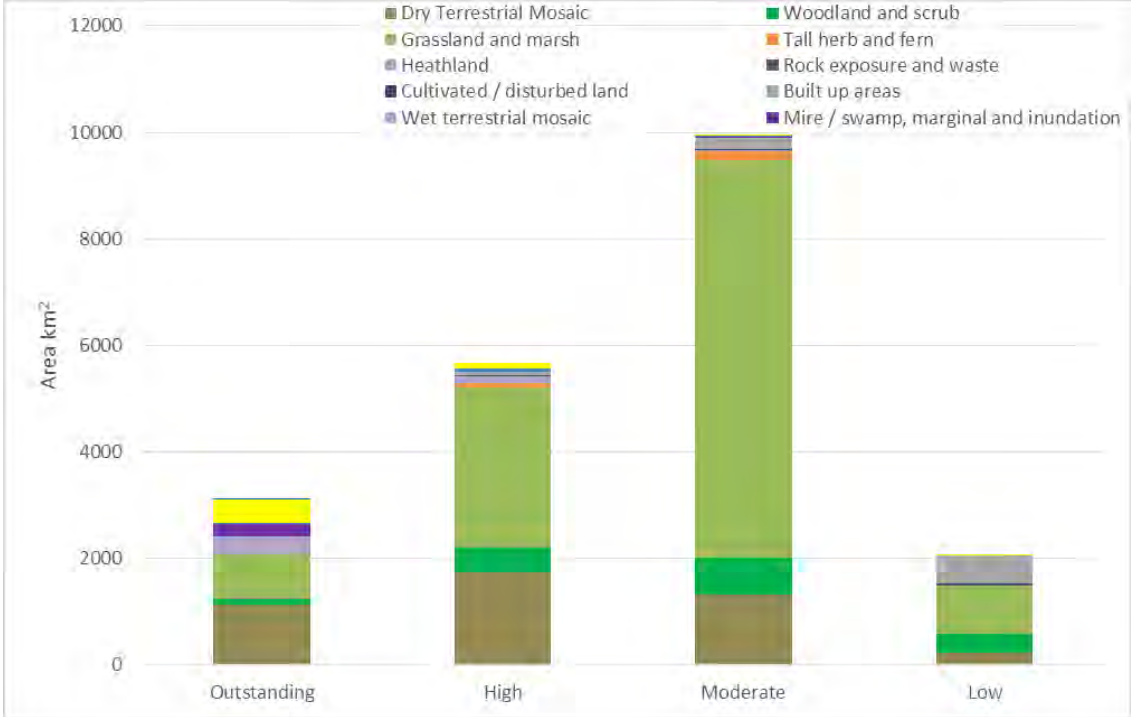


Figure 4: All Wales Evaluation

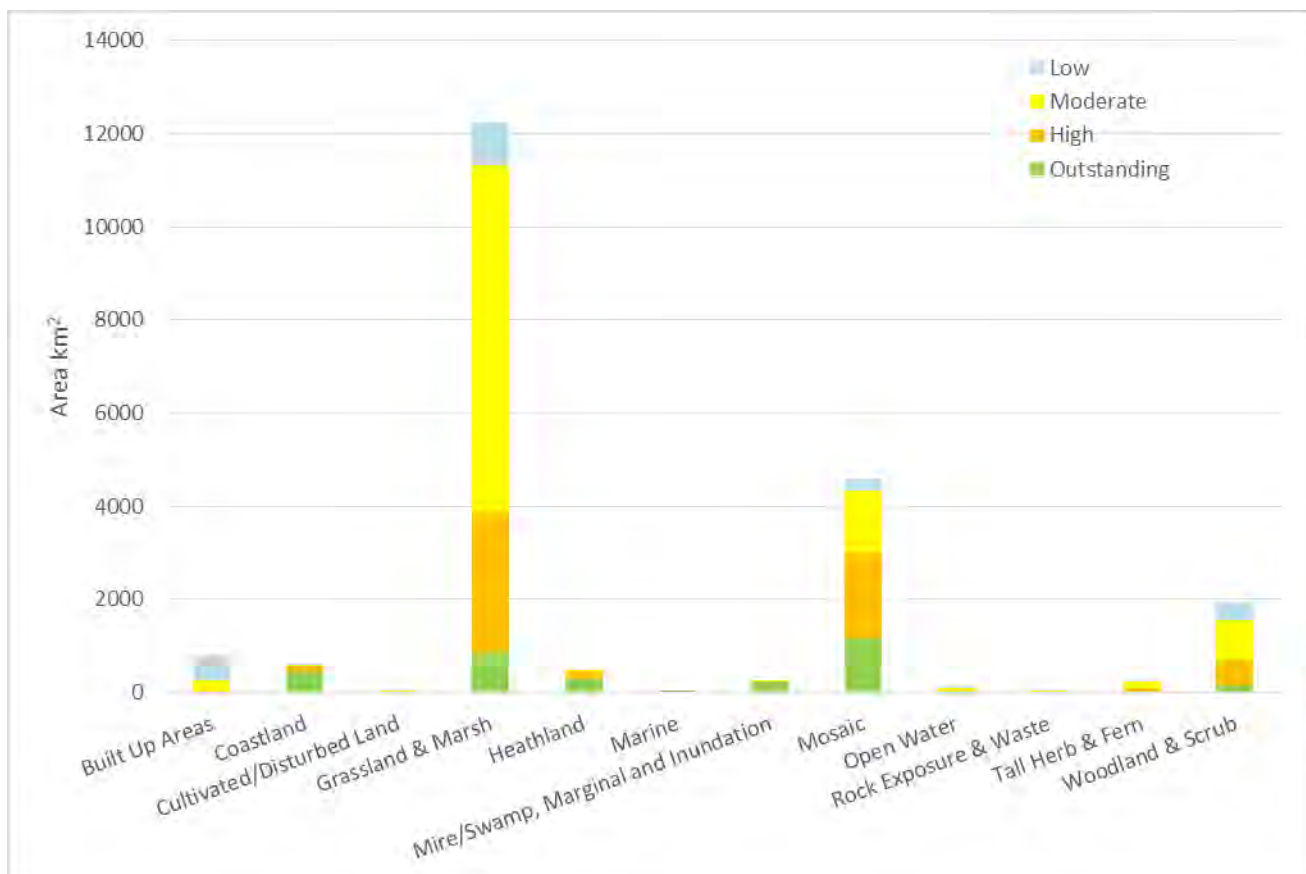


Figure 5: All Wales Evaluation

3.3. Evaluations

There are six questions providing evaluations of intrinsic value of the area, as set out below. These six evaluations contribute to the overall evaluation for each area.

3.3.1. Opportunity

Opportunity is scored according to how easy it would be to enhance any existing moderate, high or outstanding aspect areas. Just over 50% of aspect areas are evaluated as **Moderate** (10769.51km²). The **High** evaluation takes up just under 15% of the area (3178.50km²). Just under 2% (358.23km²) of aspect areas are evaluated as **Outstanding** for **Opportunity** with under 5% (989.27km²) as **Low**. 27.88% of the entire area was **Unassessed** (5912.24km²). **High** and **Outstanding** evaluations cover just 17% of the country but aspect areas which are already regarded as high and outstanding may have little opportunity to be enhanced.

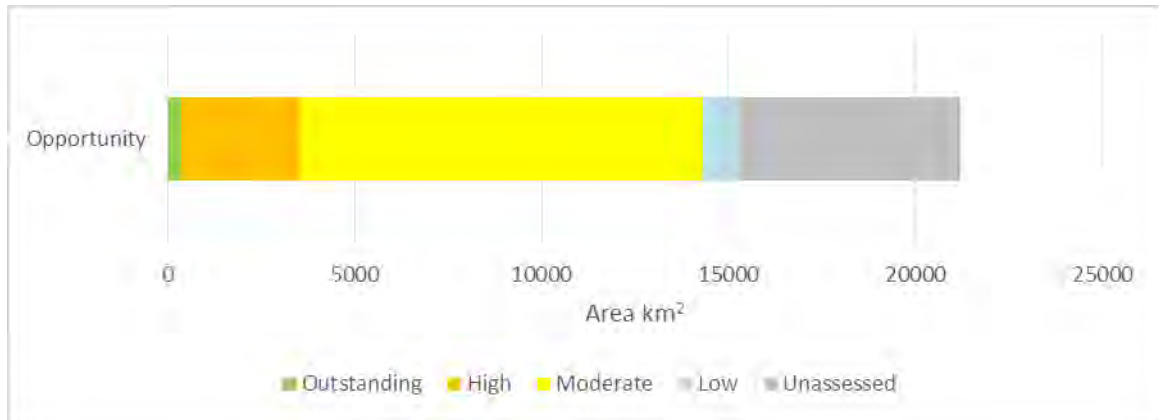


Figure 6: Opportunity for the whole of Wales (Question 39)

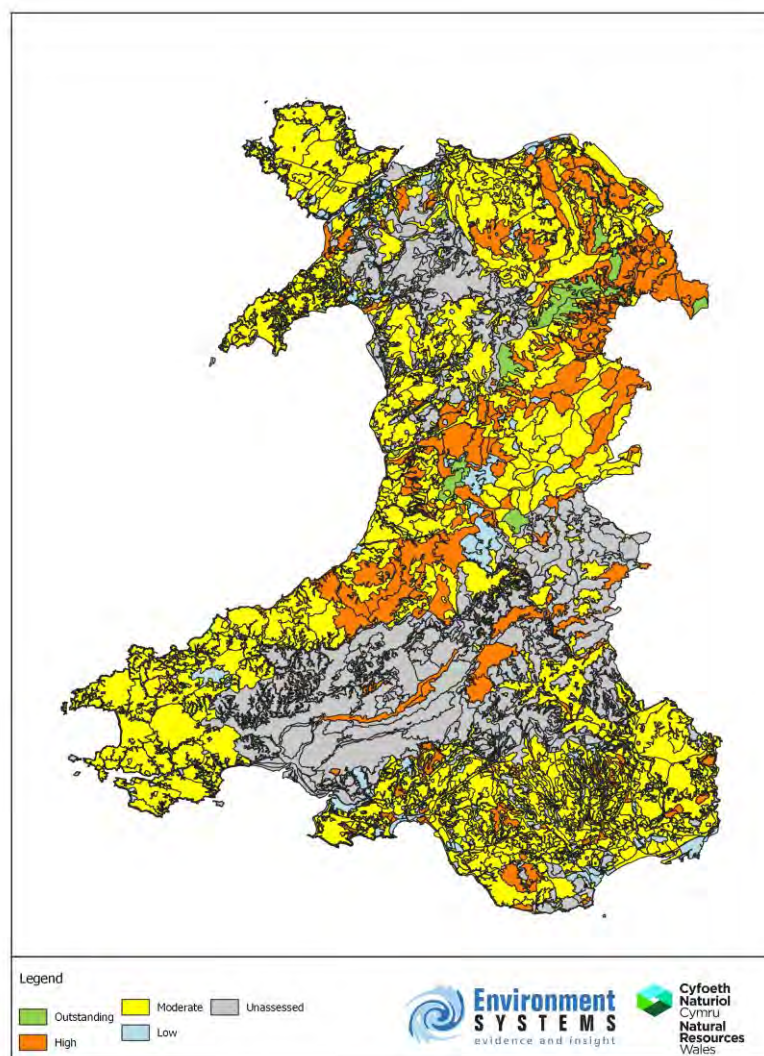


Figure 7: All Wales map for Opportunity (Question 39)

3.3.2. Sensitivity

Sensitivity records how sensitive the area is to changes in land management and other practices that could adversely affect the biodiversity. Therefore, areas with a high sensitivity would be subject to a large change in evaluation if land management changed. Sensitivity is hard to assess without field survey or a great deal of knowledge on the individual aspect area.

Over 50% of the Country was **Unassessed** (11498.77km²). Under 1% of aspect areas were evaluated as **Outstanding** in terms of Sensitivity. Just under 5% is evaluated as **High** (968.13km²). A further 25% is evaluated as **Moderate** (5316.43km²) and a further 15% as **Low** (3278.94km²). Only 6% of aspect areas are evaluated as **Outstanding** and **High** and therefore being considered to be robust to the effects of change that may affect biodiversity.

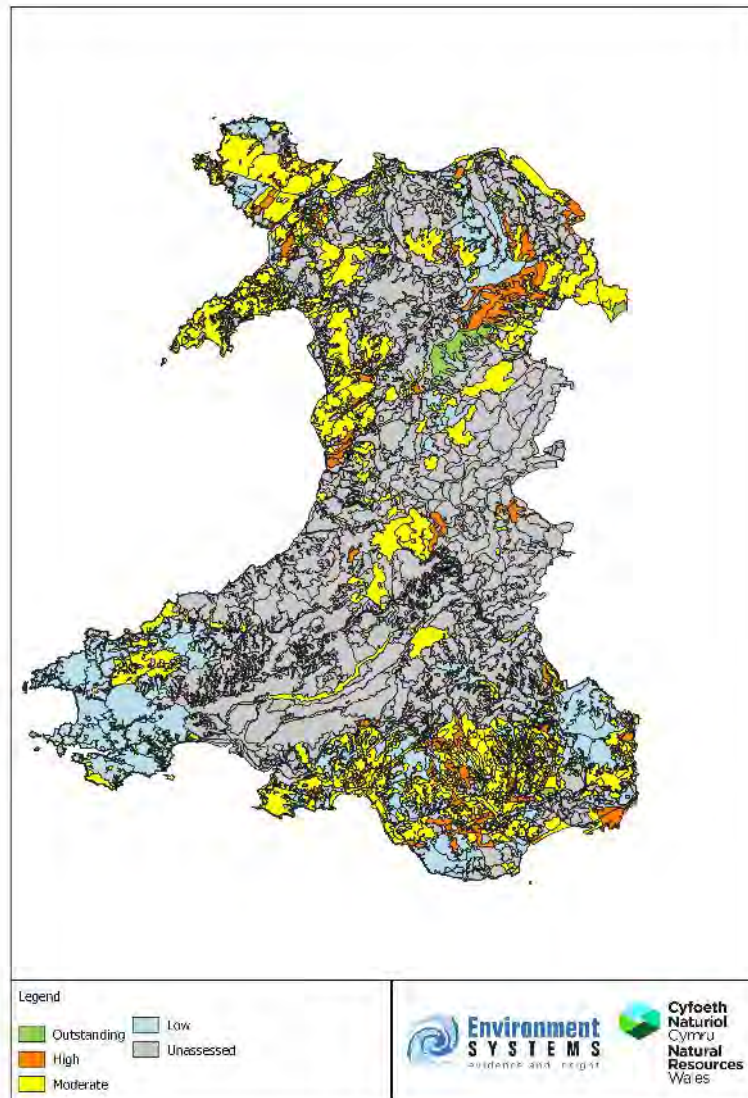


Figure 8: All Wales map for Sensitivity (Question 41)

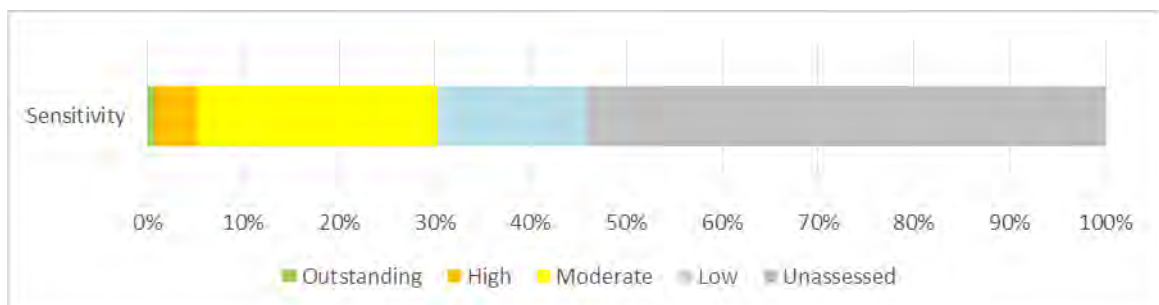


Figure 9: Sensitivity for the whole of Wales (Question 41)

3.3.3. Connectivity / Cohesion

Cohesion is the extent to how well an area functions in terms of interconnection networks and corridors for native habitats, which will allow for species movement s and protect and enhance biodiversity. Just under 5% of areas are evaluated as **Outstanding** in terms of **Connectivity/Cohesion** (1021.27km²). A further 17% is evaluated as **High** (3641.16km²), 30% as **Moderate** (6373.88km²) and 15% as **Low** (3169.47km²). 33% of areas were **Unassessed** for **Connectivity/Cohesion** (7002km²).

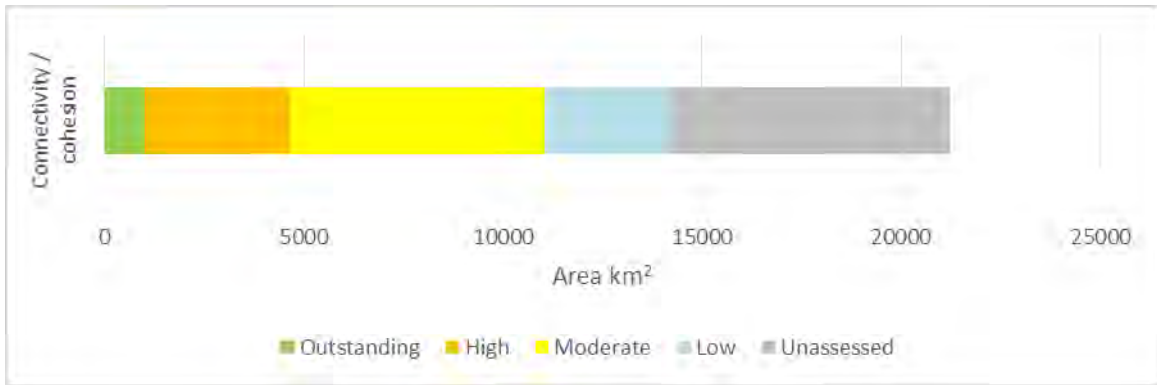


Figure 10: Connectivity / Cohesion for the wholes of Wales (Question 42)

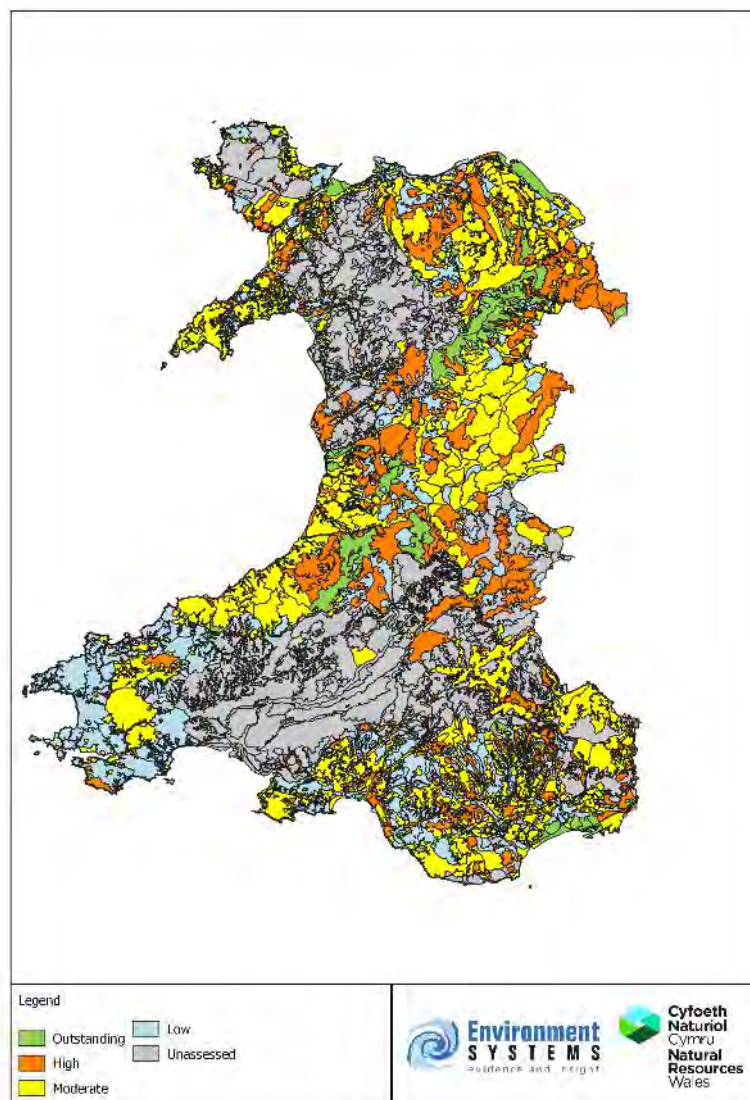


Figure 11: All Wales Map showing Connectivity / Cohesion (Question 42)

3.3.4. Value

Overall value considers all the individual components of the evaluation and makes a decision on which value best describes the aspect area. Just under 15% of aspect areas in Wales are evaluated as **Outstanding** (3156.24km²), a further 27.6% are evaluated as **High** (5853.92km²). 47.74% of aspect areas are evaluated as **Moderate** with just under 10% being evaluated as **Low** (2068.80km²). 4.04km² of aspect areas were **Unassessed** (0.02%).

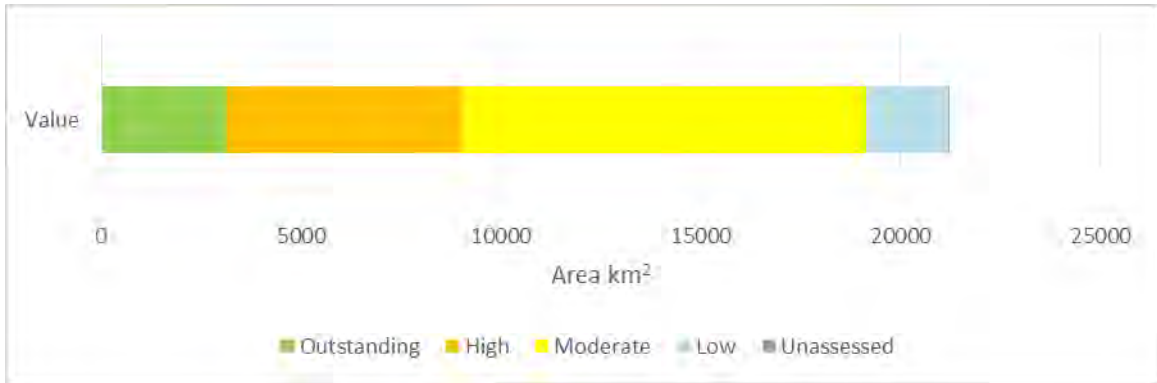


Figure 12: Value for the whole of Wales (Question 25)

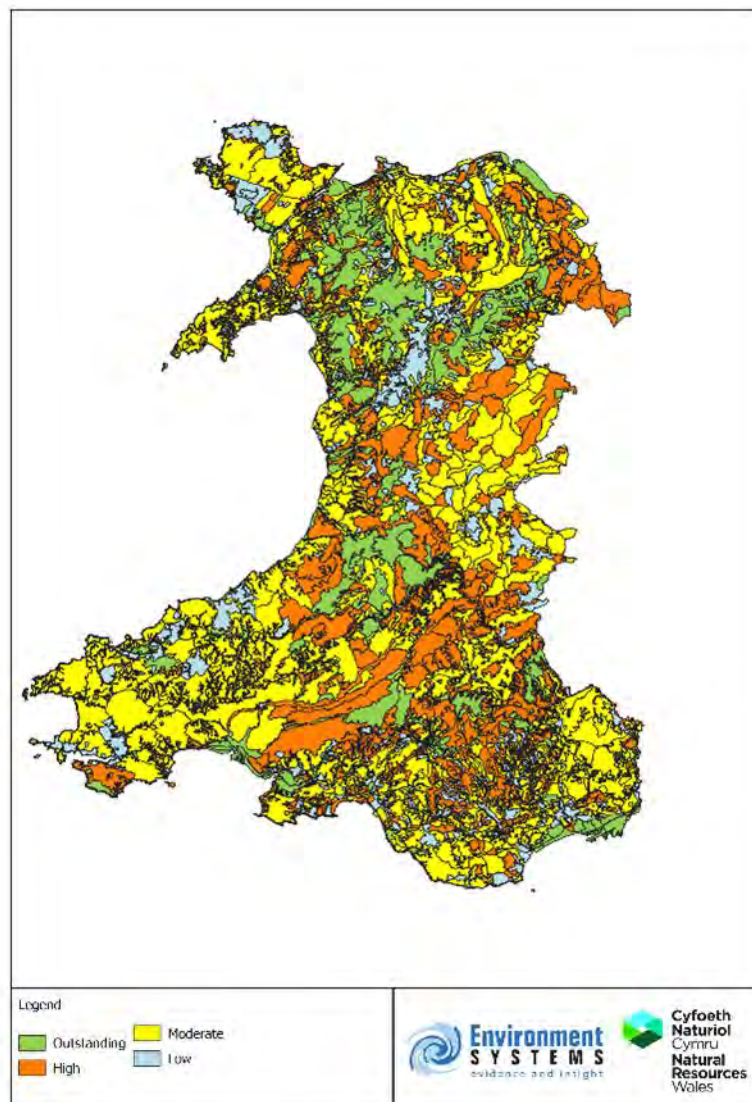


Figure 13: All Wales Map showing Overall Value (Question 25)

3.3.5. Condition

Condition refers to the *current physical state* of an Aspect Area at the time of the assessment. It refers to the overall Aspect Area, rather than individual elements within it. It is difficult to judge the overall condition of an aspect area without a field visit or a significant amount of information. Therefore, land covering 85.13% of Wales comprised aspect areas which were **Unassessed** in terms of condition. 5.8% (1231.07km²) of Wales is categorised as **Good**, 7.73% as **Fair** and 1.33% as **Poor**.

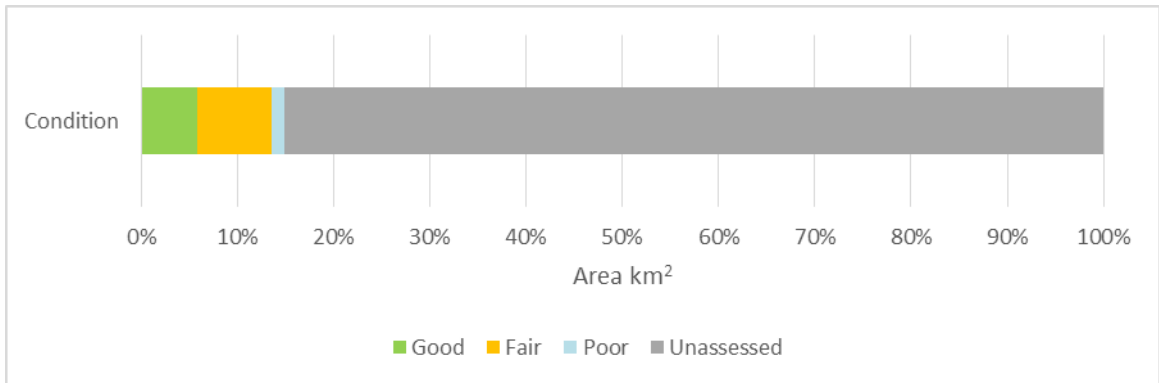


Figure 14: Condition for the whole of Wales (Question26)

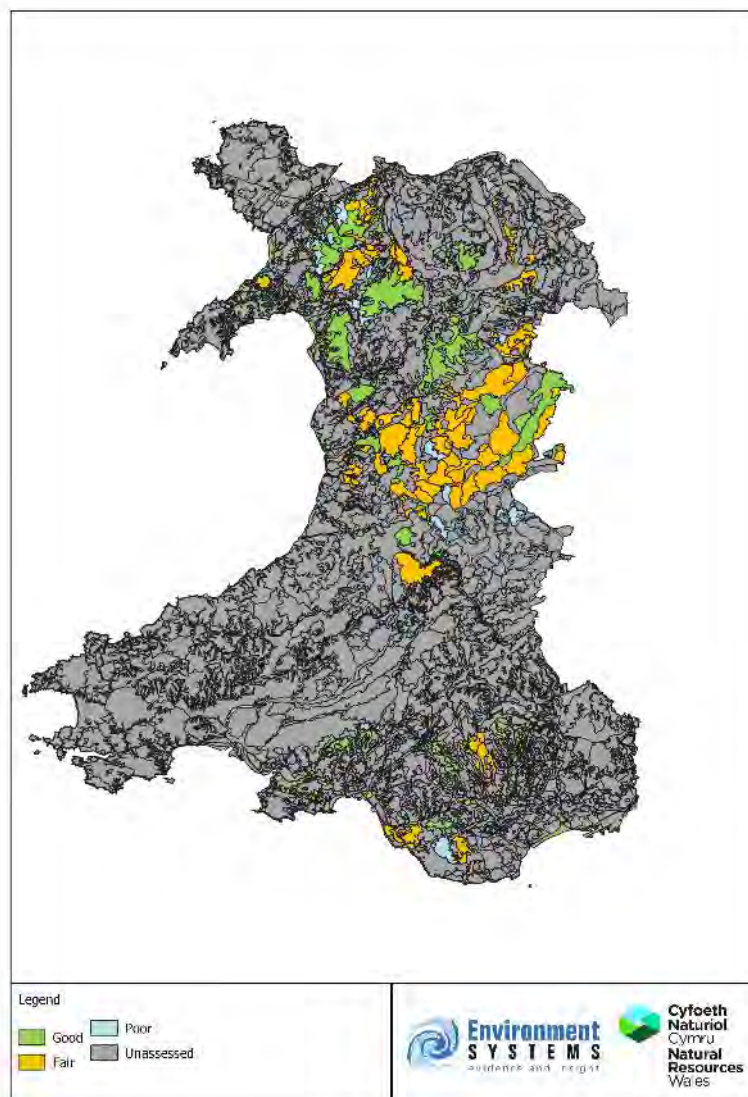


Figure 15: All Wales Map showing Condition

3.3.6. Trend

Trend describes if the aspect area is increasing or decreasing in biodiversity value, The majority of aspect areas in Wales are categorised as **Constant** as following monitoring work there was no change, 83.82% (17776.98km²). The second highest proportion is described as **Declining** 12.59% (2670.72km²). Only 3.54% (751.66km²) are categorised as improving. It was not possible to make a judgement on 0.04% (8.42km²) of land and this quantity is classified as **Unassessed**.

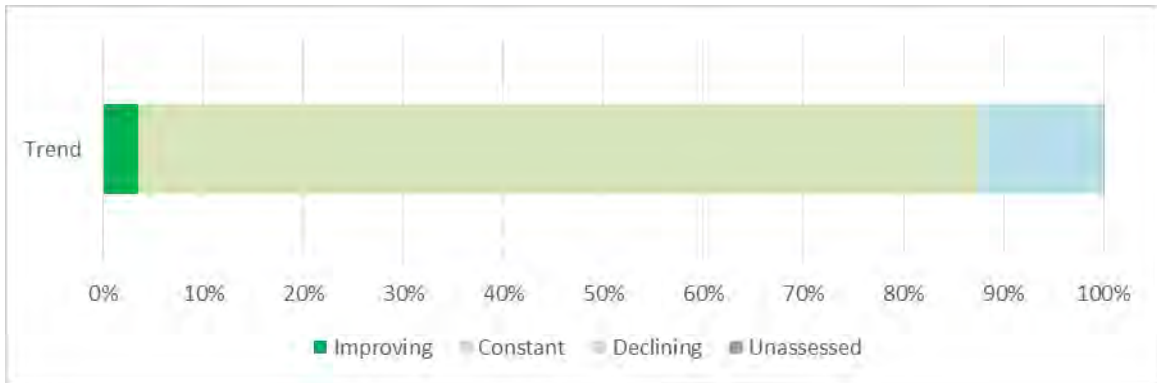


Figure 16: Trend for the whole of Wales (Question 27)

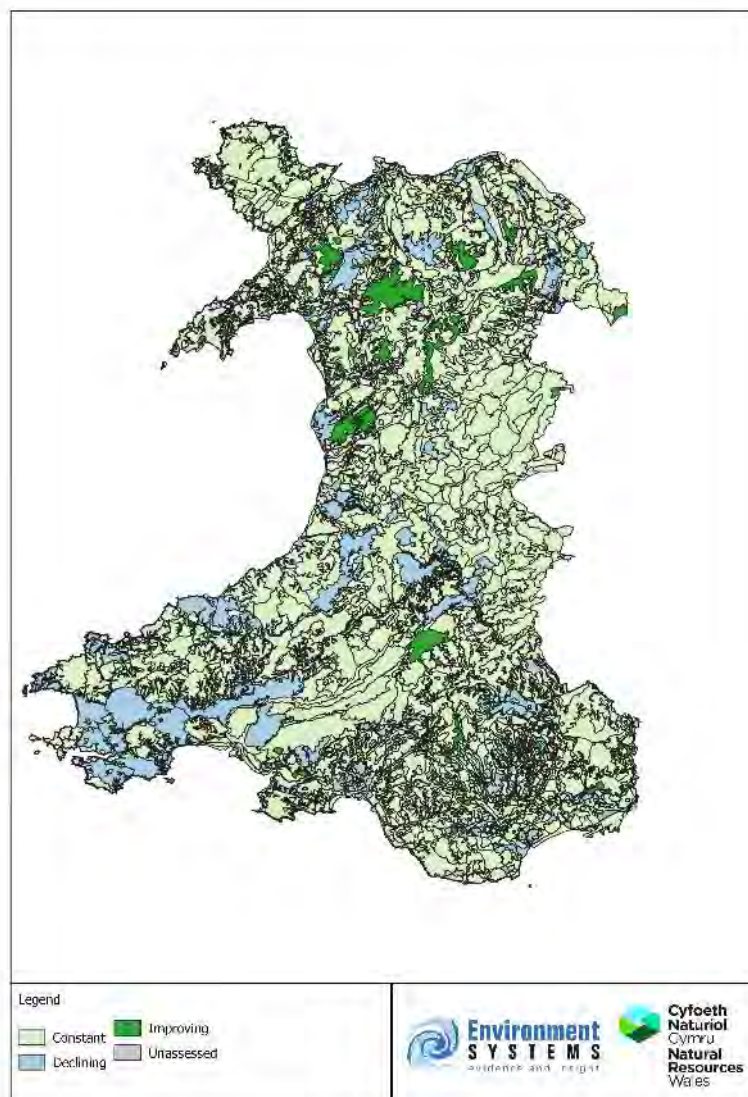


Figure 17: All Wales Map showing Trend (Question 27)

3.4. Landscape Habitats Monitoring

The areas of Cardiff and Swansea have been created post monitoring therefore have not been included in the responses to the following questions regarding change.

Question 1b (Type of change)

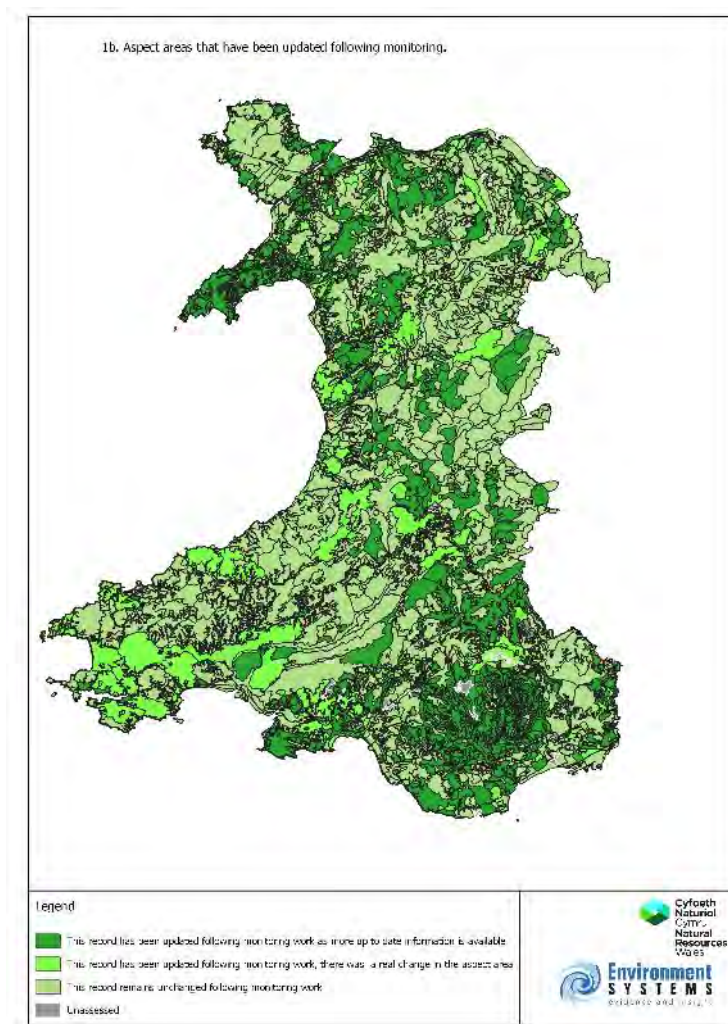


Figure 18: Map showing areas where real change has occurred following monitoring work.

Overall 2870.65km² of areas have been updated following monitoring work because there was **real change** (13.54% of Wales). As shown in Figure 19 **Grassland and Marsh** dominated aspect areas account for the majority of real change with 1895.57km² (8.99% of Wales) and **Mosaic, Mosaic** 624.26km² (2.94% of Wales).

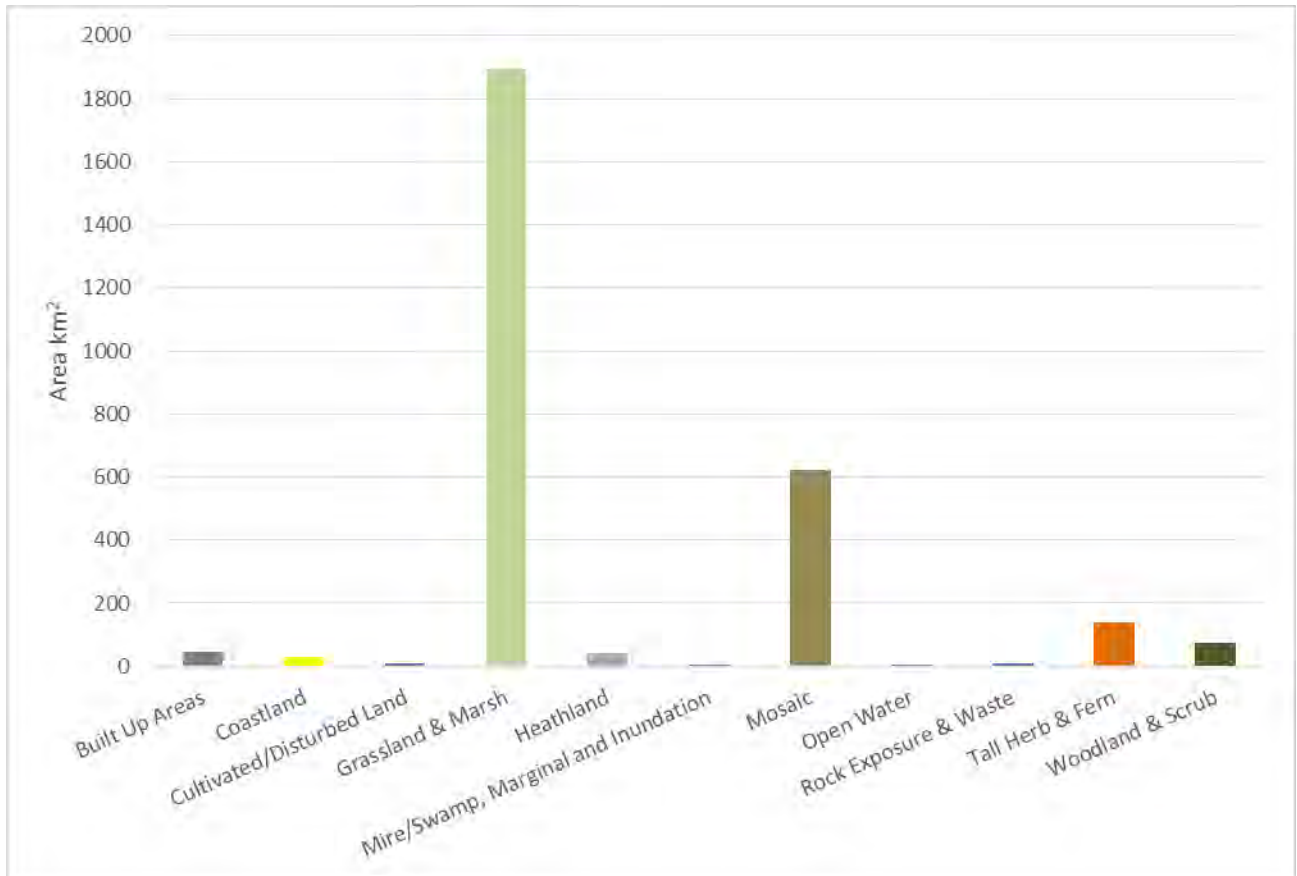


Figure 19: Aspect Areas where real change has occurred following monitoring work.

3.4.1. Real change following monitoring work

As shown in Figure 20 many areas of real change have occurred for multiple reasons. This is due to the fact that a change in one aspect such as classification would also then require a change in the descriptions. Because of this the areas (km²) for individual reasons for real change cannot be calculated. Where only singular reasons for change have occurred, these are evaluated in the following responses.

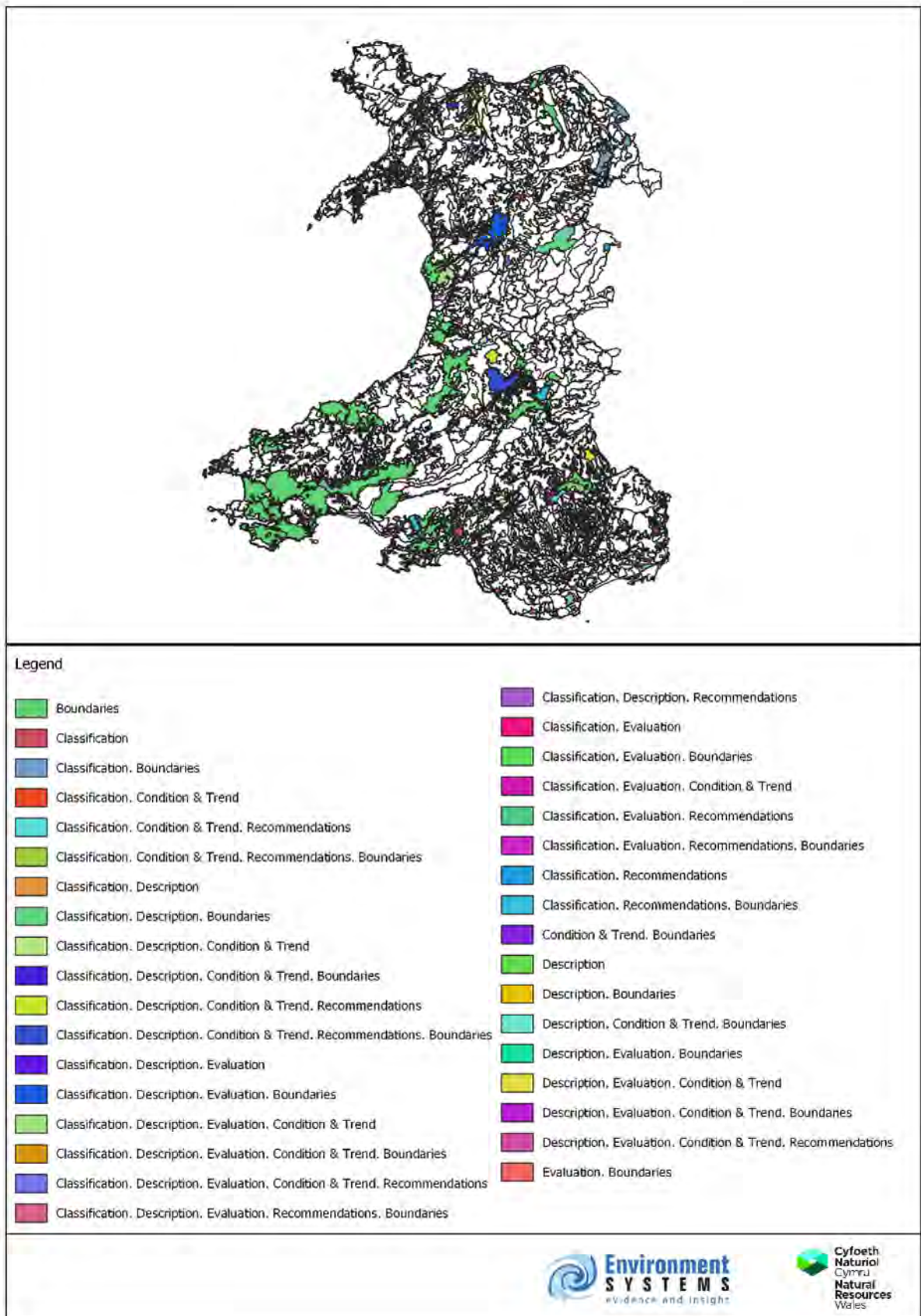


Figure 20: Map showing reasons for real change following monitoring work.

3.4.2. Classification change

A total area of 42.99km² has been updated following monitoring work where only classification has changed. The majority of this is within **Grassland and Marsh** aspect areas (46.21%). 13.84km² of **Mosaic, Mosaic** aspect areas were re-classified, 1.71km² of **Woodland and Scrub** aspect areas and 7.57km² of **Cultivated/Disturbed Land**.

3.4.3. Evaluation change

No areas throughout Wales have changed for real following monitoring work because of only **Evaluation**. An area of 233.75km² across Wales has changed for a combination of reasons including **Evaluation**. The majority of this is within **Mosaic, Mosaic** aspect areas (170km² or 72.73%).

3.4.4. Condition and Trend

No areas throughout Wales have changed for real following monitoring work because of only **Condition and Trend**. An area of 441.41km² across Wales has changed for a combination of reasons including **Condition and Trend**. Both **Grassland and Marsh** and **Mosaic, Mosaic** aspect areas account for 43% each of this (190.13km² and 191.48km² respectively).

3.4.5. Boundary change

The area of real change across Wales because of only boundary changes accounts for 1823.71km² (63.55% of all real change within Wales). The majority of this is within **Grassland and Marsh** habitat (1461.21km²). The total area of real change occurring within **Tall Herb and Fern** aspect areas is 140.34km², of this 131.06km² is because of boundary changes (93.39%). 22.91km² of real change through boundary change has occurred within **Coastland** aspect areas, **Woodland and Scrub** aspect areas account for 15.41km² of boundary change.

4. Analysis of Local Authority Area Group

This chapter sets out the analysis of the classification and evaluation of the Landscape Habitats layer for the six revised Local Planning Authority (LPA) groups within Wales. These have new names and the previous Areas 3 and 4 have been amalgamated to form the South West Wales group. The new groupings have been amended to correlate with the NRW place based Area Statements and will facilitate the inclusion of landscape information into the Area Statement integrated evidence base. The LPA groups are now as follows and are shown in Figure 21:

- South East Wales - (former Area 1) Monmouthshire, Caerphilly, Blaenau Gwent, Torfaen, Newport
- South Wales Central - (former Area 2) Cardiff, Vale of Glamorgan, Bridgend, Merthyr Tydfil, Rhondda Cynon Taff
- South West Wales - (former Area 3) Swansea, NPT and (former Area 4) Pembrokeshire, Pembrokeshire Coast National Park, Carmarthenshire
- Mid Wales - (former Area 5) Powys, Ceredigion
- North East Wales - (former Area 6) Wrexham, Denbighshire, Flintshire
- North West Wales - (former Area 7) Conwy, Gwynedd, Ynys Mon, Snowdonia National Park



Figure 21: LPA Groupings

4.1. Introduction

The urban areas of Cardiff and Swansea have been created post monitoring work being carried out, therefore they are not included in responses to the Landscape Habitat Monitoring questions. This affects the statistical analysis of South Wales Central and South West Wales

4.2. South East Wales LPA Group

The South East Wales LPA group comprises Monmouthshire, Caerphilly, Blaenau Gwent, Torfaen and Newport

4.2.1. Classification

As shown in Figure 23 the largest level two classification for aspect areas within the LPA group is **Grassland and Marsh** (788.43km² or 48.5%) including 613.90km² of **Improved Grassland** and 132.39km² of **Grassland and Marsh Mosaic**. LANDMAP areas categorised as **Mosaic/Mosaic** account for 365.71km² of South East Wales. Due to the large area of land covered by improved grassland and mosaic/mosaic aspect areas, these values have been omitted from Figure 22. By omitting these values the lesser represented aspect areas are now visible within the graphs. **Built Up Areas** account for just under 10% of the LPA group (142.9kkm² of **Residential/green space** and 18.94km² of **Industrial land**) which is significantly more than the national average of 3.7%. **Coastland** accounts for 57.15km² of aspect areas in the LPA group with 56.62km² being **Intertidal** aspect areas which is double that of the national average (1.79%). **Woodland and Scrub** aspect areas covers 155km² of the LPA group with **Broadleaved Woodland** covering 28.85km² (1.78%) which is just over the national average of 1.06%.

As shown in Figure 22 over half of the LPA group aspect areas are evaluated as **Moderate** (993.54km² or 61%). The majority of this is **Improved Grassland** (530km²).

10% of aspect areas are evaluated to be **Outstanding** (166.64km²) **Dry Terrestrial Mosaic, Mosaic** and **Intertidal** aspect areas making up to a third each of this evaluation within the LPA group (56.21km² and 56.62km² respectively).

293km² of aspect areas are evaluated to be **High** within the LPA group, Grassland and Marsh aspect areas account for just over a third of this (107.26km² or 36%) and Dry Terrestrial Mosaic, Mosaic just under a third 92.32km² or 31.45%. **Woodland and Scrub** account for 15.24% of this evaluation (44.73km²) which is significantly higher than the 2.17% average for Wales.

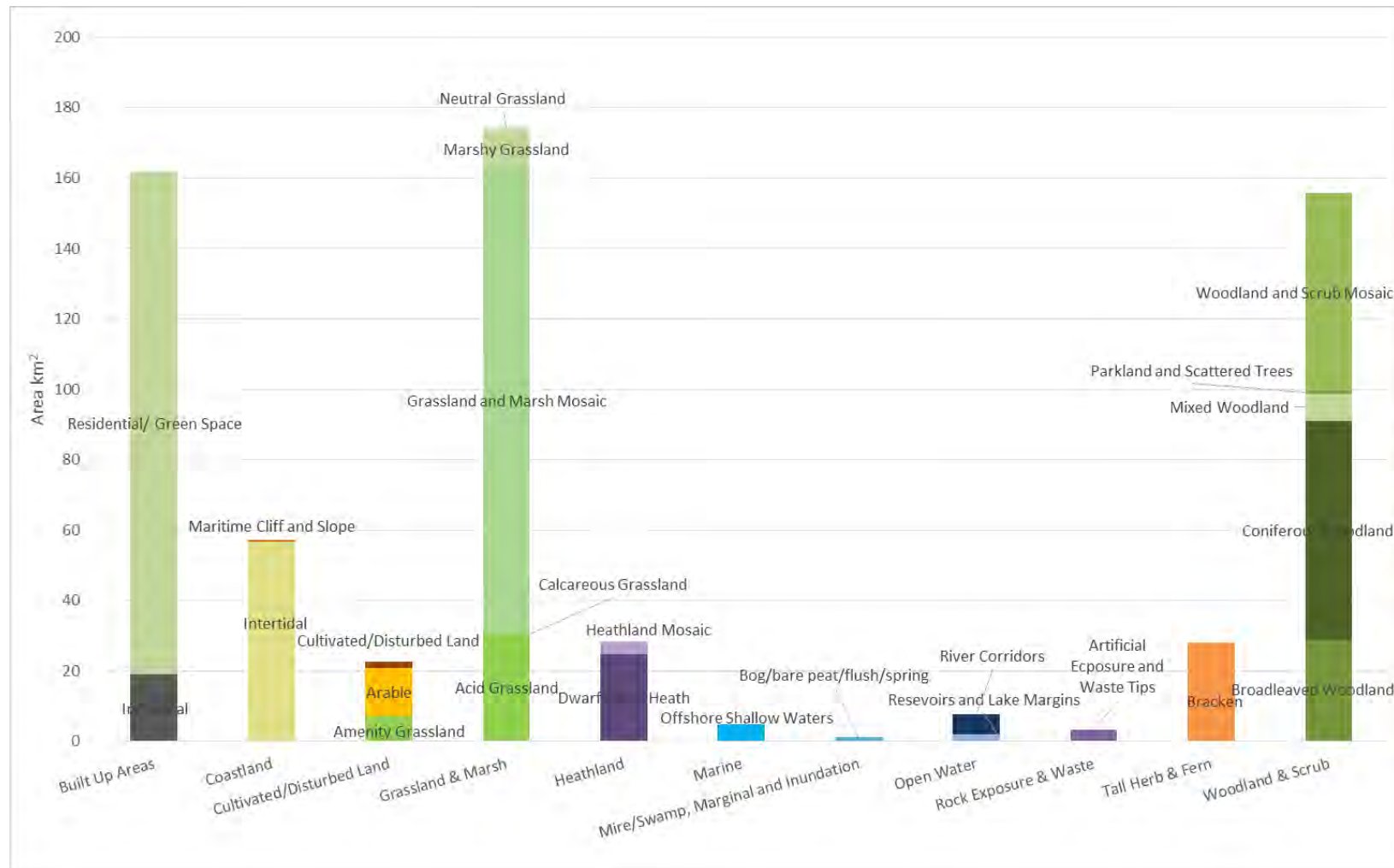


Figure 22: Level 2 and Level 3 Classification (South East Wales LPA Group) Due to the large area of land covered by improved grassland (613.90km²) and mosaic/mosaic aspect areas (365.71km²), these values have been omitted from this figure.

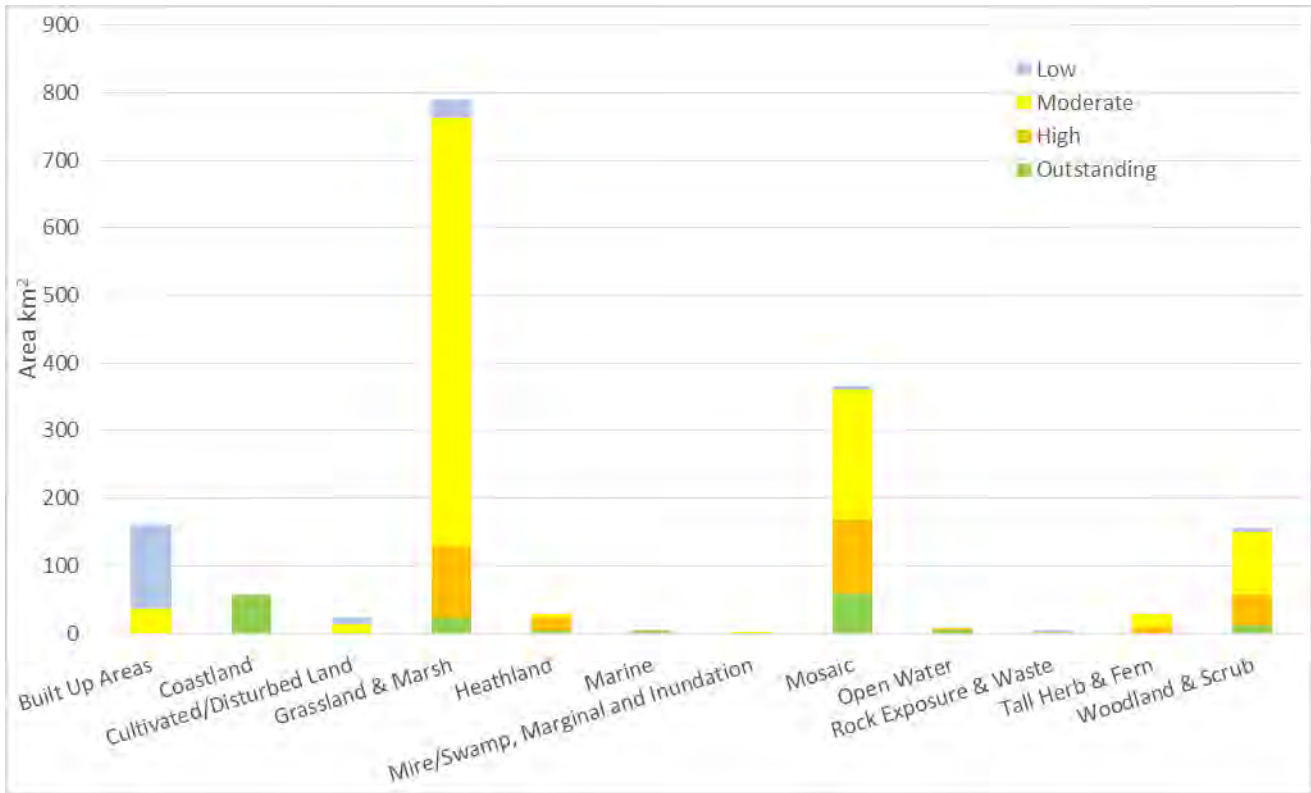


Figure 23: Overall evaluation by Level 2 classification

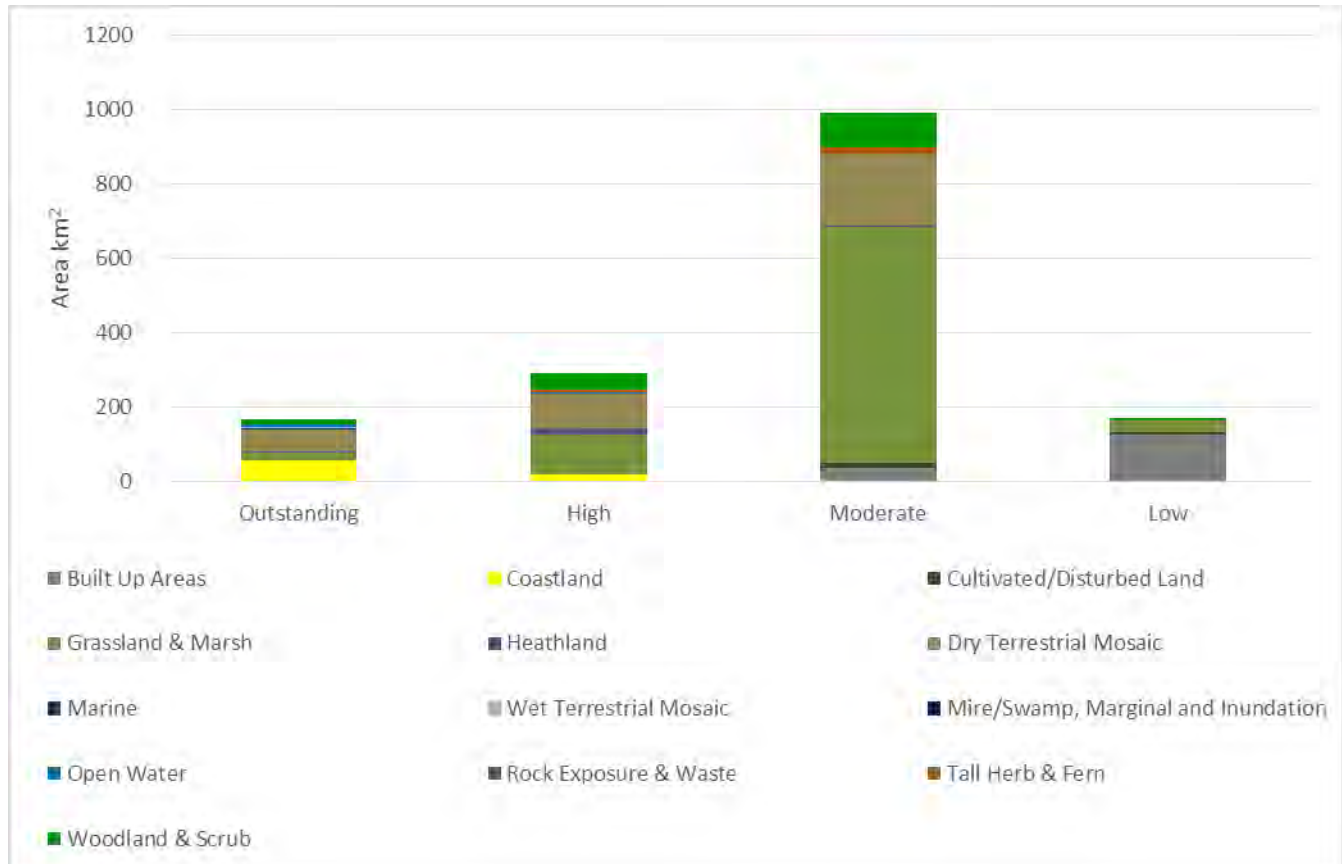


Figure 24: Overall Evaluation

4.2.2. Evaluations

Opportunity

Opportunity is scored according to how easy it would be to enhance any existing moderate, high or outstanding aspect areas. Just over 85% of aspect areas are evaluated as **Moderate** (1395.08km²). The High evaluation accounts for just 4.5% of the area (74.15km²). Under 1% (2.66km²) of aspect areas are evaluated as **Outstanding** for opportunity with 6.5% (106.64km²) as Low. 2.87% of the entire area was **Unassessed** (46.60km²). High and Outstanding evaluations combined cover just under 5% of the LPA group.

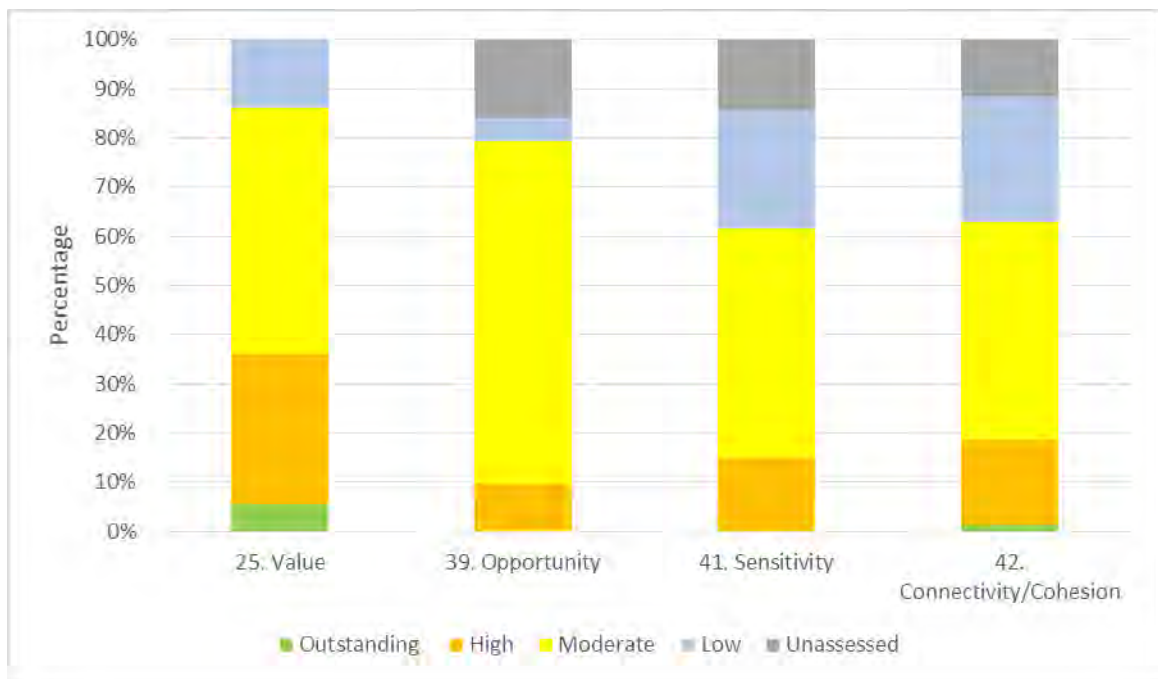


Figure 25: Evaluations

Sensitivity

Under 1% of aspect areas were evaluated as **Outstanding** in terms of Sensitivity. This is the extent to how sensitive an area is to changes in land management and other practices that could affect the biodiversity (8.52km²). Just under 10% is evaluated as **High** (155.34km²) which is over double the national average (4.56%). A further 40% is evaluated as **Moderate** (647.74km²) and a further 34% as **Low** (554.35km²) which is the same as the national average (15.46%). Just over 10% of aspect areas are evaluated as **Outstanding** and **High** and therefore being robust to the effects of change that may affect biodiversity. Over 16% of the LPA group was **Unassessed** (259.19km²).

Connectivity/Cohesion

6% of areas within the LPA group are evaluated as **Outstanding** in terms of **Connectivity/Cohesion** (97.48km²), this is above the national average of 4.82%. Connectivity/Cohesion is the extent to how well an area functions in terms of interconnection networks and corridors for native aspect areas, which will allow for species movements and protect and enhance biodiversity. A further 17% is evaluated as **High** (278.63km²) which is equal to the national average, 49% as **Moderate** (793.96km²) and 13% as **Low** (206.29km²). 15% of areas were **Unassessed** for **Connectivity/Cohesion** (248.79km²).

Overall Value

Just over 10% of aspect areas in the LPA group are evaluated as **Outstanding** (166.64km²), a further 18% are evaluated as **High** (293.46km²). Just over 61% of aspect areas are evaluated as **Moderate** with just over 10% being evaluated as **Low** (170.87km²).

Condition

Over 94% of the LPA group has been **Unassessed** for **Condition** (1531.43km²). 71.94km² of the area has been evaluated as **Good** (4.4%) and less than 1% each for **Fair** and **Poor**.

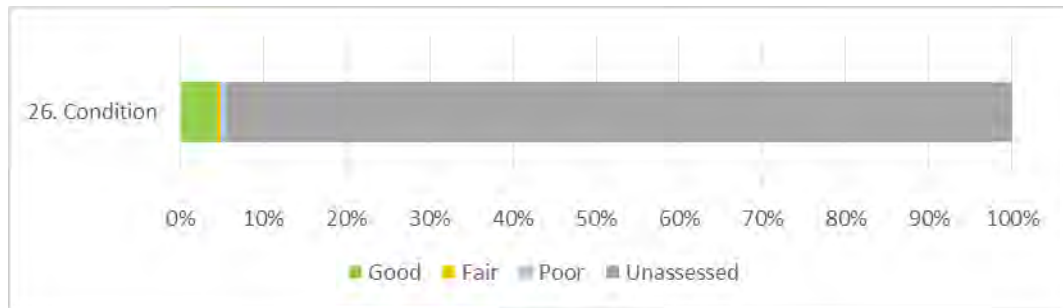


Figure 26: Condition for South East Wales LPA Group (Question 26)

Trend

The majority of land within the LPA group is categorised as **Constant**, 91.74% (1490.89km²) which is above the national average. The second highest proportion is described as **Declining** 5.29% (85.93km²). Only 2.97% (48.31km²) is categorised as improving. It was not possible to make a

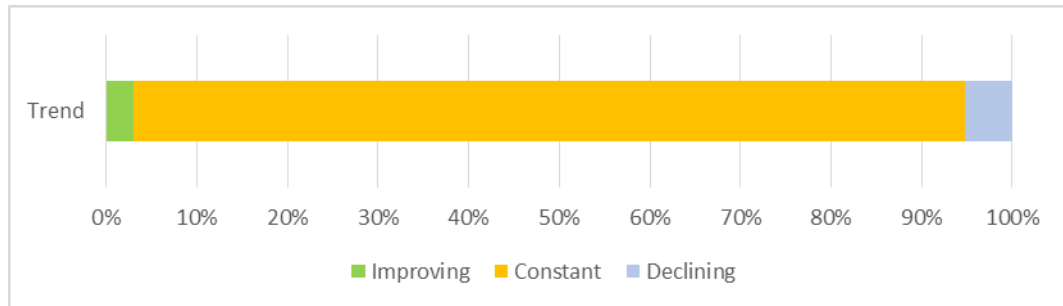


Figure 27: Trend for the South East Wales LPA Group (Question 27)

4.2.3. Landscape Habitat Monitoring

A total area of 41.43km² of aspect areas within the LPA group have been updated because of **real change** following monitoring work. The majority of this occurred within **Mosaic, Mosaic** aspect areas (12.80km²). Other areas where real change occurred were in **Built Up Areas** (6.58km²), **Cultivated/Disturbed Land** (7.57km²), **Grassland and Marsh** (10.56km²), **Heathland** (2.04km²) and **Tall Herb & Fern** (1.88km²) aspect areas.

Classification change

A total area of 7.57km² has been updated following monitoring work where only classification has changed, the entirety of this is within **Cultivated/Disturbed Land**. A further 6.53km² of area has been updated because of a combination of reasons including Classification, 4.23km² of this is within **Built Up Areas**.

Evaluation change

No one area in the LPA group was updated following monitoring work because of only change in **Evaluation**. Where **Evaluation** is included in the combination of reasons for change, 10.9km² of the LPA group has been updated. 3.17km² of the LPA group are evaluated as **High** (29.03%), 3.52km² (32.23%) as **Moderate** and 4.23km² as **Low** (38.73%).

Condition and Trend change

An area of 8.88km² was updated because of a combination of reasons including **Condition & Trend**, for the entirety of this area the biodiversity value is decreasing, 74% (6.58km²) of this is within **Built Up Areas**.

Boundary change

22.94km² of real change occurred because of **Boundary** change only. 55.85% of this change was due to **Boundary** change within **Mosaic** aspect areas. One quarter of real change within the LPA group area occurred in **Grassland and Marsh** aspect areas (10.56km²) and was predominantly due to **Boundary** changes (10.14km²).

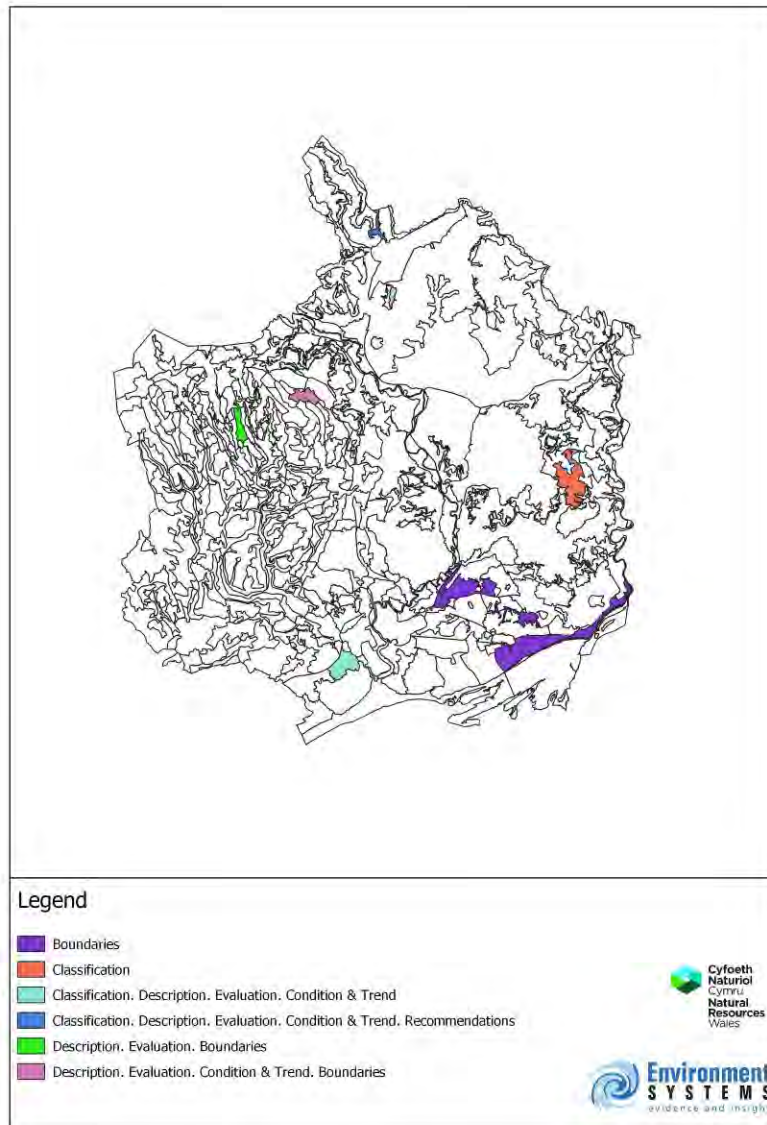


Figure 28: Aspect areas that have been updated following monitoring work because there was Real Change within the LPA Group Area (South East Wales)

4.3. South Wales Central LPA Group

The South Wales Central LPA group comprises Cardiff, Vale of Glamorgan, Bridgend, Merthyr Tydfil and Rhondda Cynon Taf.

4.3.1. Classification

As shown in Figure 29 **Grassland and Marsh** aspect areas contribute to the greatest cover within the LPA group (465km² or just over 33%), Improved Grassland is the largest habitat covering 283km². **Built Up Areas** cover 210km² (16%) within the LPA group which is significantly higher than the national average of 3.3%. **Dry and Wet Terrestrial Mosaic, Mosaics** cover 365.85km² of the LPA group (just under 28%) and above the national average of just over 21%. **Woodland and Scrub** aspect areas cover 138.41km² just over 10% of the LPA group which is the highest coverage of all the LPA groups and just above the national average of just under 9%. South Wales Central LPA group area has the greatest percentage of **Heathland** coverage throughout Wales of 8.58%, even though it covers the least amount of area 27.14km²

As shown in Figure 29, 70.35km² (5.5%) of the South Wales Central LPA group is evaluated as **Outstanding** which is only a third of the 15% national average. Just under a half of this evaluation is **Grassland and Marsh** aspect areas (30.49km²). 21.77km² of the 29.74km² of **Coastland** aspect areas are evaluated as **Outstanding**.

Within the LPA group just under a third of aspect areas are evaluated as **High** (385.73km² or 30.44%), this is higher than the national average of 27.5%. The entirety of **Heathland** within the LPA group is evaluated as **High** (27.14km²). The total area of land covered by aspect areas evaluated as **High** and **Outstanding** equates to 35.99% of the LPA group, this is considerable lower than the Wales national average of 42.39%.

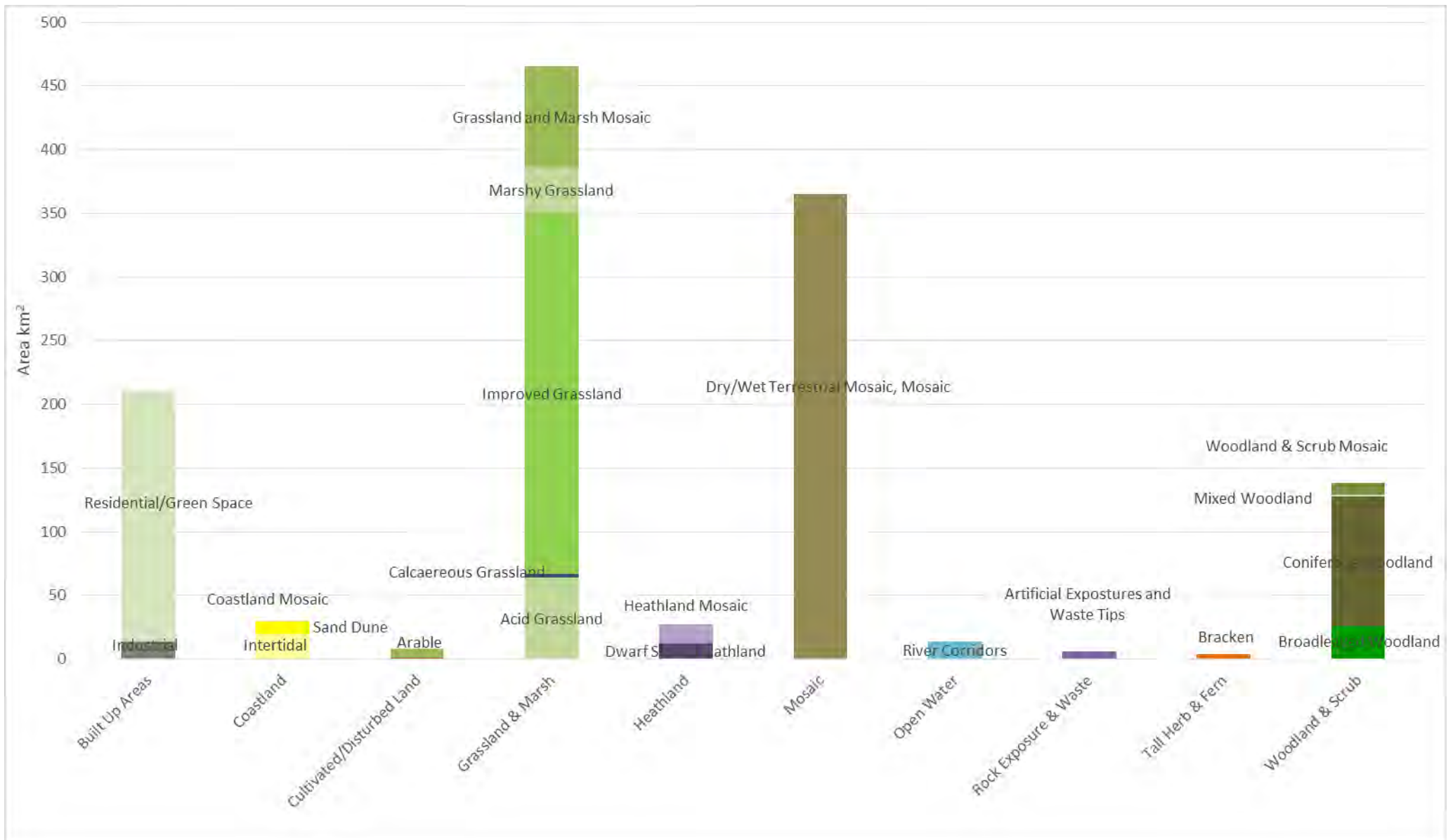


Figure 29: Level 2 and Level 3 Classification for South Wales Central

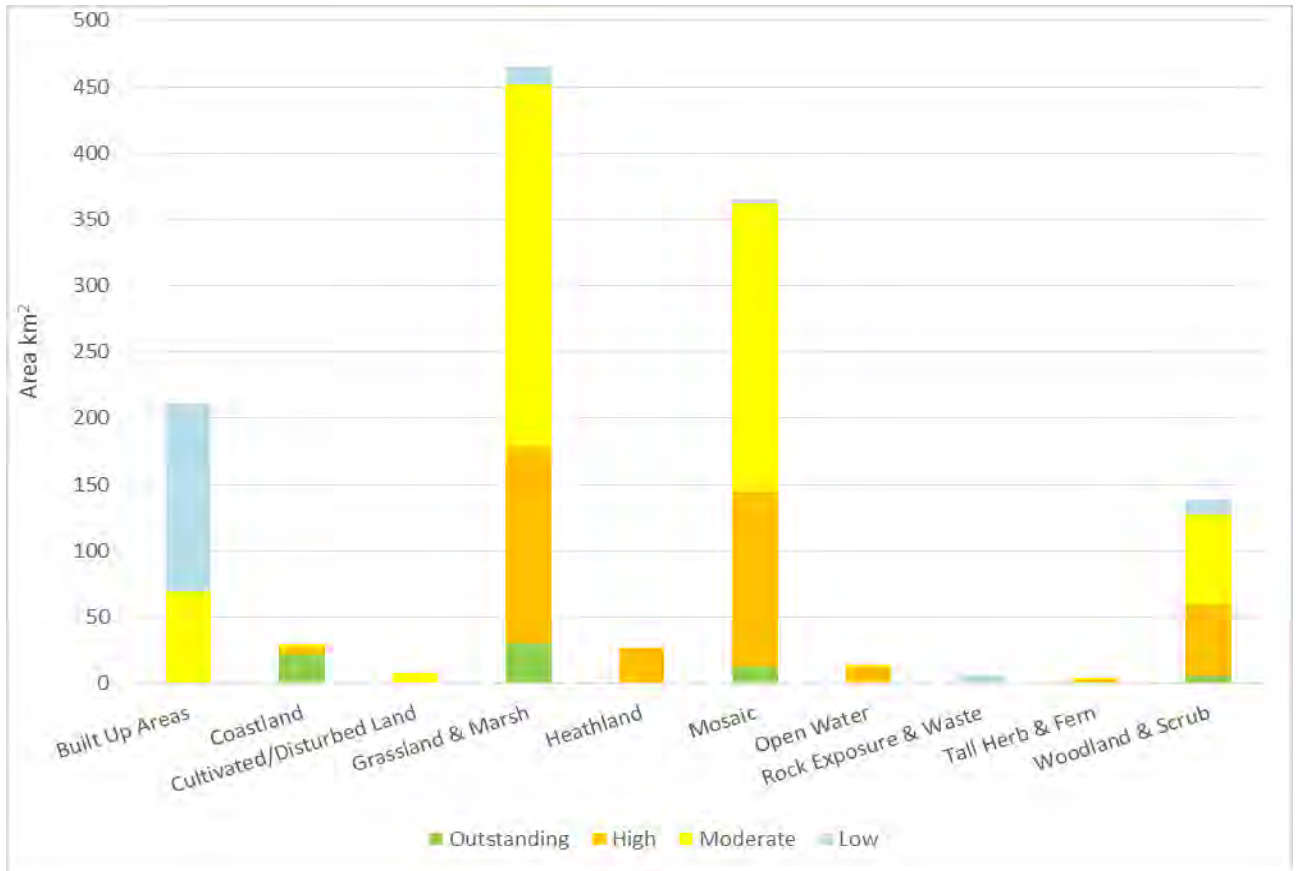


Figure 30: Overall Evaluation for South Wales Central

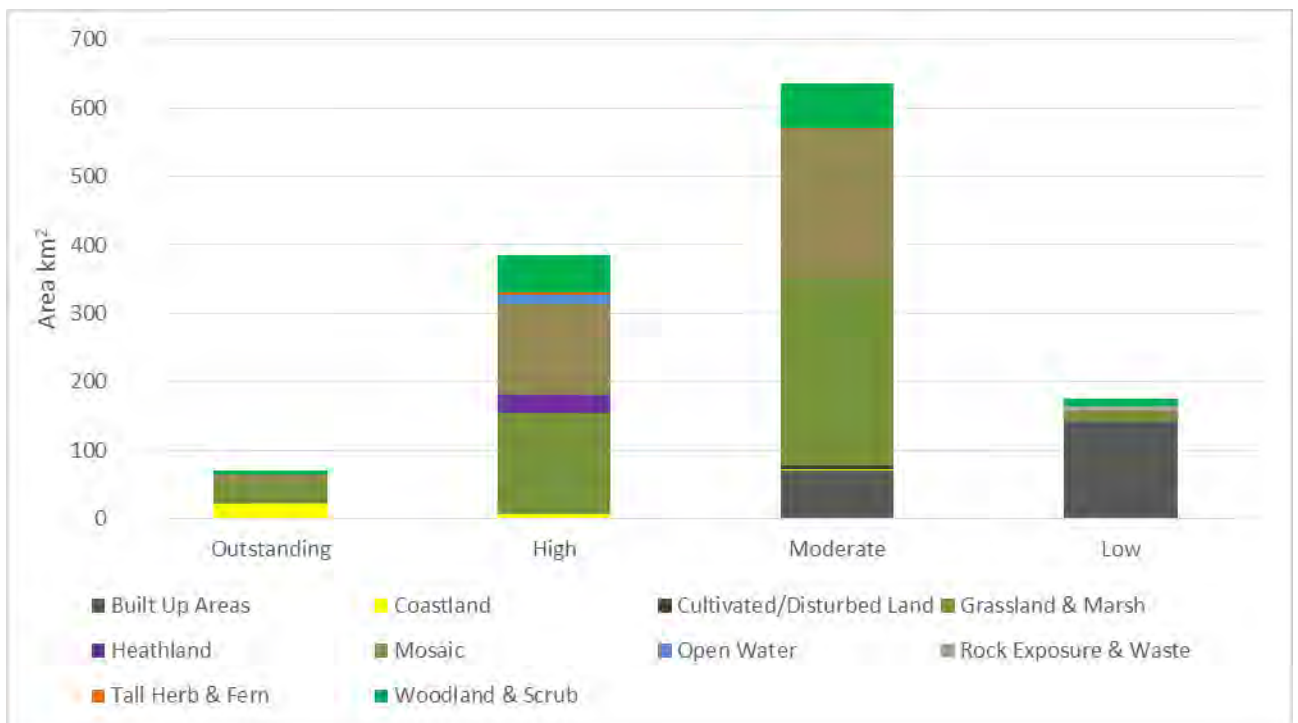


Figure 31: Level 2 Classification by Overall Evaluation

4.3.2. Evaluations

Opportunity

Opportunity is scored according to how easy it would be to enhance any existing moderate, high or outstanding aspect areas. Under 1% of aspect areas are evaluated as being outstanding, 29.37 % (121.52km²) of aspect areas are evaluated as **High** which is considerable higher than the national average of 14.99%. 48.48% of aspect areas are evaluated as **Moderate** respectively (883.91km²) which is similar to the national average of 50.78%.

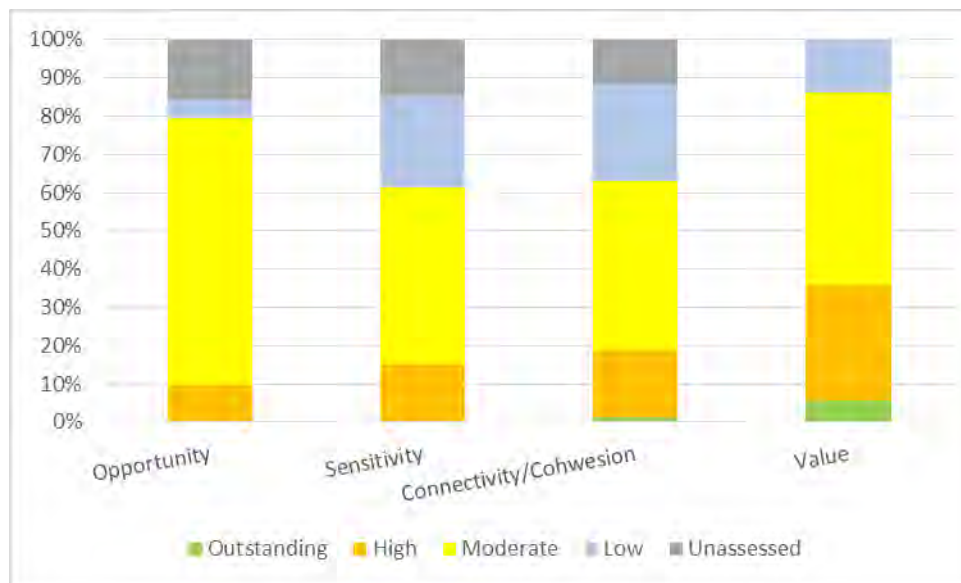


Figure 32: Evaluations for South Wales Central LPA Group.

Sensitivity

Within the LPA group area, no areas are evaluated as **Outstanding** for sensitivity. 15% of aspect areas are evaluated as **High** (190.17km²) and 46.5% as **Moderate** (589.38km²). 14% of areas were **Unassessed**.

Connectivity/Cohesion

Just over 1.3% of the aspect areas within the LPA group are evaluated as **Outstanding** for **Connectivity /Cohesion**, just under 50% of this lies within **Coastland** aspect areas (8.26km²). Over 17% of the LPA Group is evaluated as **High** (218.80km²) which equates to the national average, and 562.65km² as **Moderate** (44.4%).

Overall Value

Overall 70.35km² of aspect areas are evaluated as **Outstanding** within the LPA group (5.55%). Just under a third (30.55%) are evaluated as **High** and just over a half as **Moderate** (636.59km²).

Condition

The overall **Condition** for the South Wales Central LPA group was **Unassessed** for just over 80% of the area (1023.62km²). Just over 71km² of aspect areas were evaluated as **Good** (5.62%), 129.02km² as **Fair** (10.18%) and 46.17km² as **Poor** (3.41%).

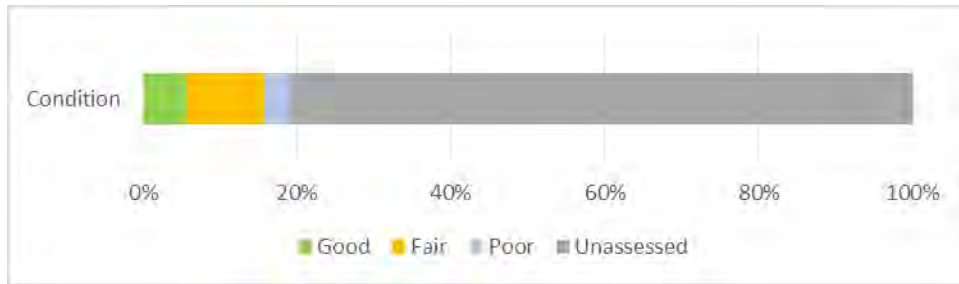


Figure 33: Condition for South Wales Central (Question 26)

Trend

Just over 86% of aspect areas within the LPA group are evaluated as being **Constant** (1090.59km²). Just under 4% are **Improving** and just under 10% are **Declining** (49.29km² and 118.74km² respectively). A total of 8.42km² was **Unassessed** for Trend.

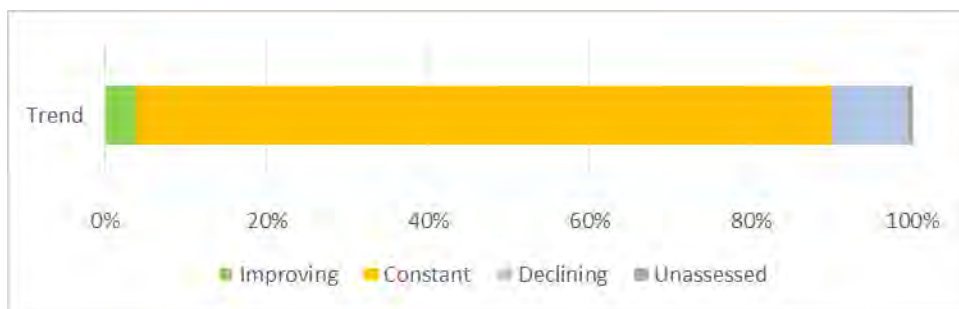


Figure 34: Trend for South Wales Central LPA Group.

4.3.3. Landscape Habitat Monitoring

A total of 31.37km² of aspect areas were updated due to real change following monitoring work, over half of this was in **Dry and Wet Terrestrial Mosaic, Mosaic** habitat (17.29km²).

Classification change

Within the South Wales Central LPA group, 7.98km² of real change occurred because of **Classification** within the reasons for change. The majority of this area is within **Built Up Areas** 4.93km² (61.72%), 2.13km² is within **Mosaic, Mosaic** aspect areas (26.66%) and the final 0.93km² is within **Woodland and Scrub** aspect areas (11.61%).

Evaluation change

Evaluation occurs within combinations of reasons for real change within 8.08km² of the LPA group area. Within these areas 6.50km² are valued as **Outstanding** and 1.57km² as **High**. Where **Evaluation** occurs as reasons for change **Condition & Trend** also occurs within the areas.

Condition & Trend change

16.86km² of the LPA group has been updated following monitoring work because **Condition & Trend** was among a combination of reasons for real change. 11.25km² is decreasing in biodiversity value. An area of 2.65km² has increased in biodiversity value including 1.72km² **Woodland and Scrub**.

Boundaries

14.51km² of **Dry and Wet Terrestrial Mosaic, Mosaic** aspect areas has been updated because of boundary change only. 1.72km² has been updated within Woodland and Scrub aspect areas because of **Description, Condition & Trend and Boundaries** change.

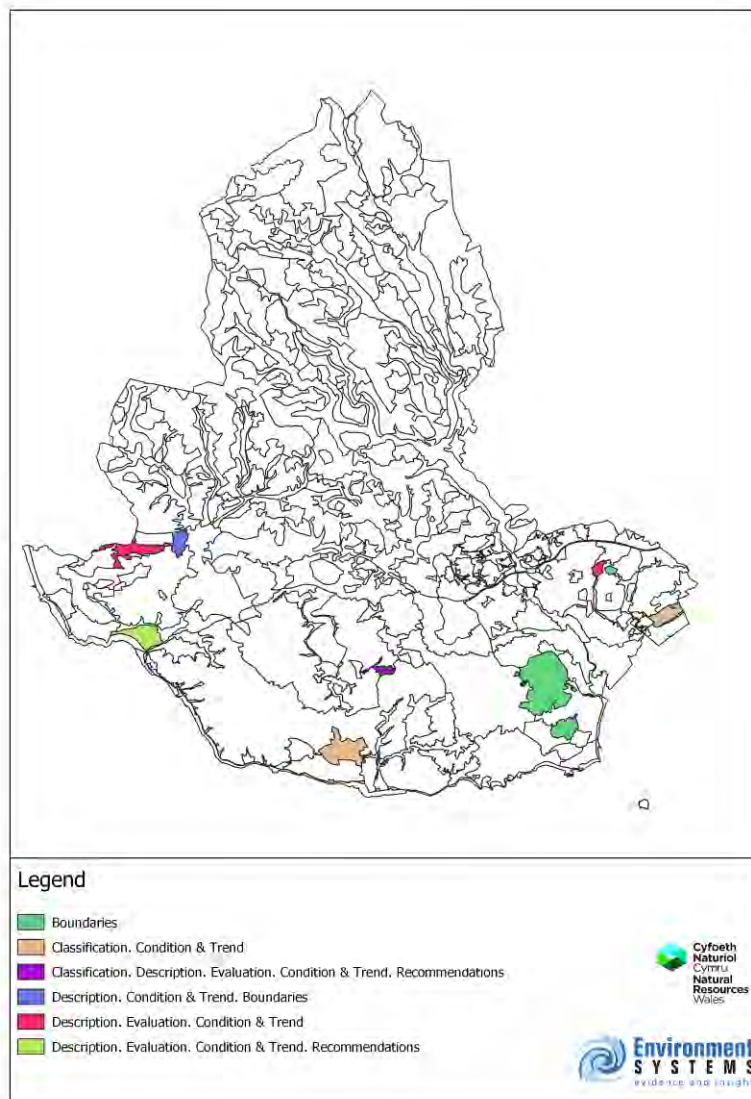


Figure 35: Map of aspect areas within the South Wales Central LPA Group that have been updated following monitoring work because Real Change occurred

4.4. South West Wales LPA Group

The South West Wales LPA Group comprises Swansea, Neath Port Talbot, Pembrokeshire, Pembrokeshire Coast National Park, and Carmarthenshire.

4.4.1. Classification

As shown in Figure 36 the largest Level 2 classification for aspect areas within the LPA group is **Grassland and Marsh** (3032.13km² or 61%) including 16.25km² of **Neutral Grassland** (0.33%) which is significantly more than the Wales national average of 0.10%. Due to the large area of land covered by **Improved Grassland** and **Dry and Wet Terrestrial Mosaic/Mosaic** aspect areas, (2.285km² and 808km²) these values have been omitted from Figure 34, by omitting these values the lesser represented aspect areas are now visible within the graph. **Woodland and Scrub** aspect areas covers 485.14km² of the LPA group with **Parkland and Scattered Trees** covering 3.21km² (1.30%) which is significantly higher than the Wales national average of 0.02%. **Fen/Swamp/Marginal/Inundation** aspect areas covers an area of 4.22km² within the LPA group (0.08%) which is double the Wales national average of 0.04%. The South West Wales LPA group area has the largest area of Coastland (228.13km²).

As shown in Figure 36, over half (56.8%) of the aspect areas within the LPA group have been evaluated as **Moderate** (2815.18km²), this is above the Wales national average of 47.7%. Within the South West Wales LPA group, 8.66% of the aspect areas have been evaluated as **Outstanding** with over a third of the evaluation being attributed to **Coastland** aspect areas (162.36km² Figure 37). 27.18% of the LPA group area has an evaluation of **High** (1346.93km²) which is equal to the Wales national average.

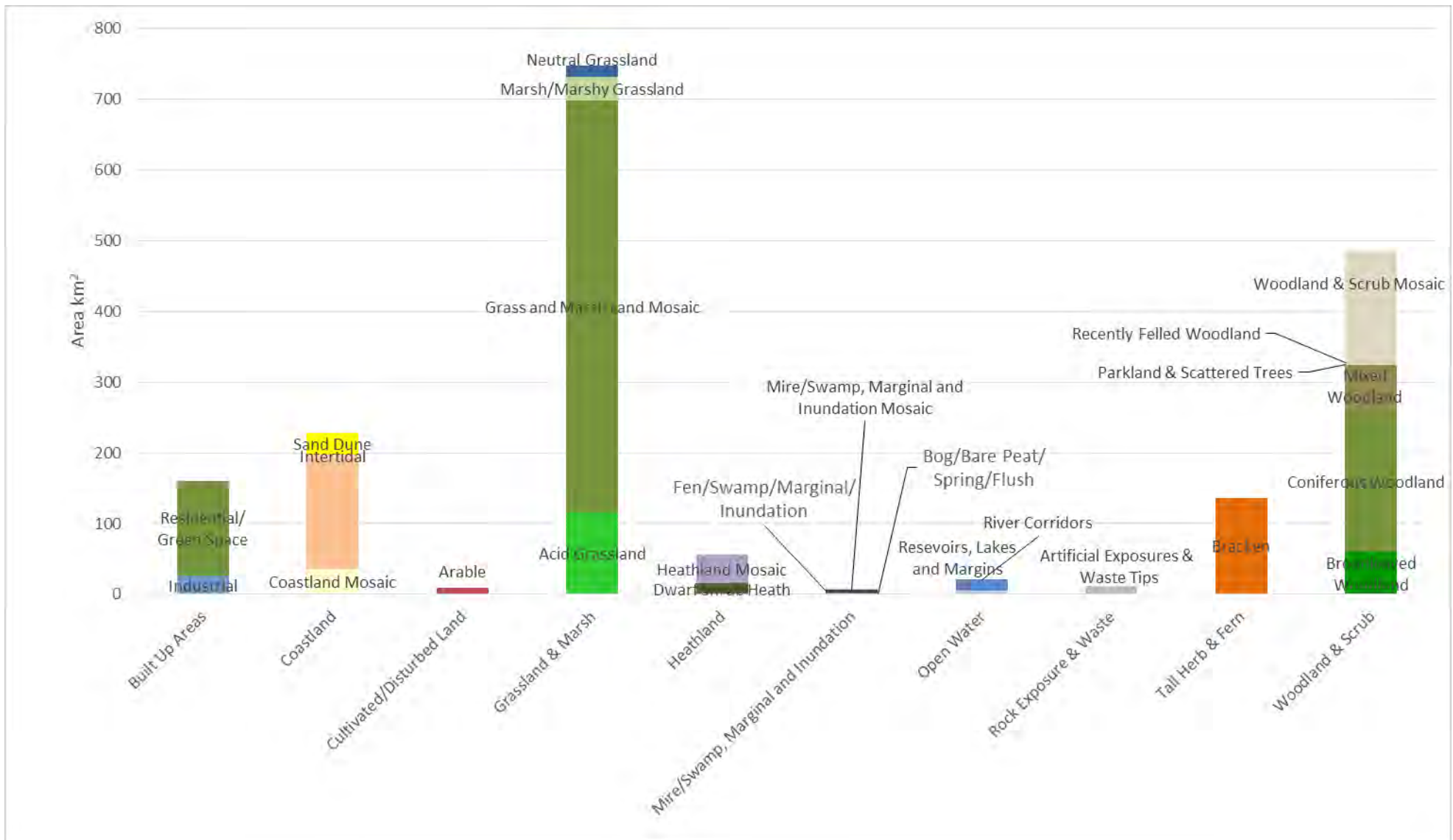


Figure 36: Level 2 and Level 3 Classification for South West Wales. Due to the large area of land covered by Improved Grassland and Dry and Wet Terrestrial Mosaic/Mosaic aspect areas, (2.285km² and 808km²) these values have been omitted from Figure 34

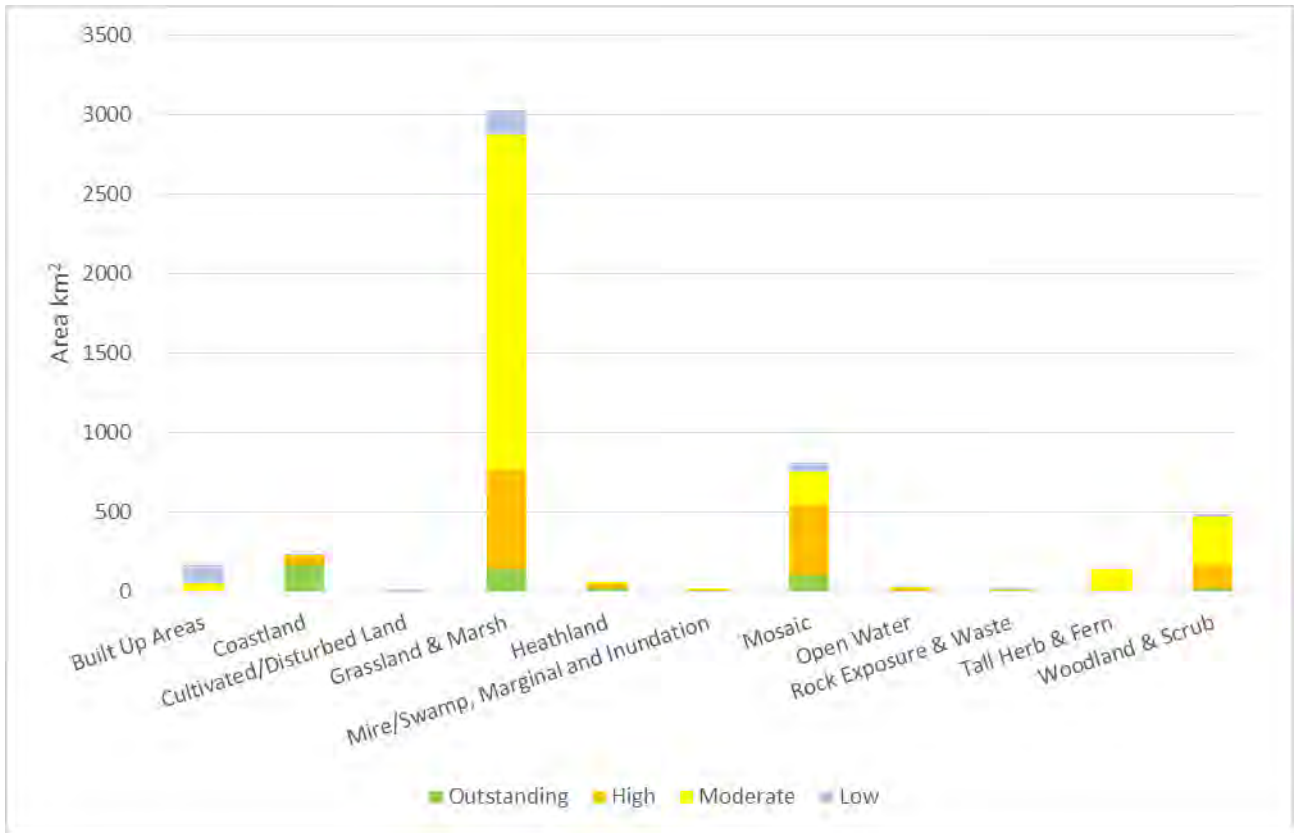


Figure 37: Overall Evaluation

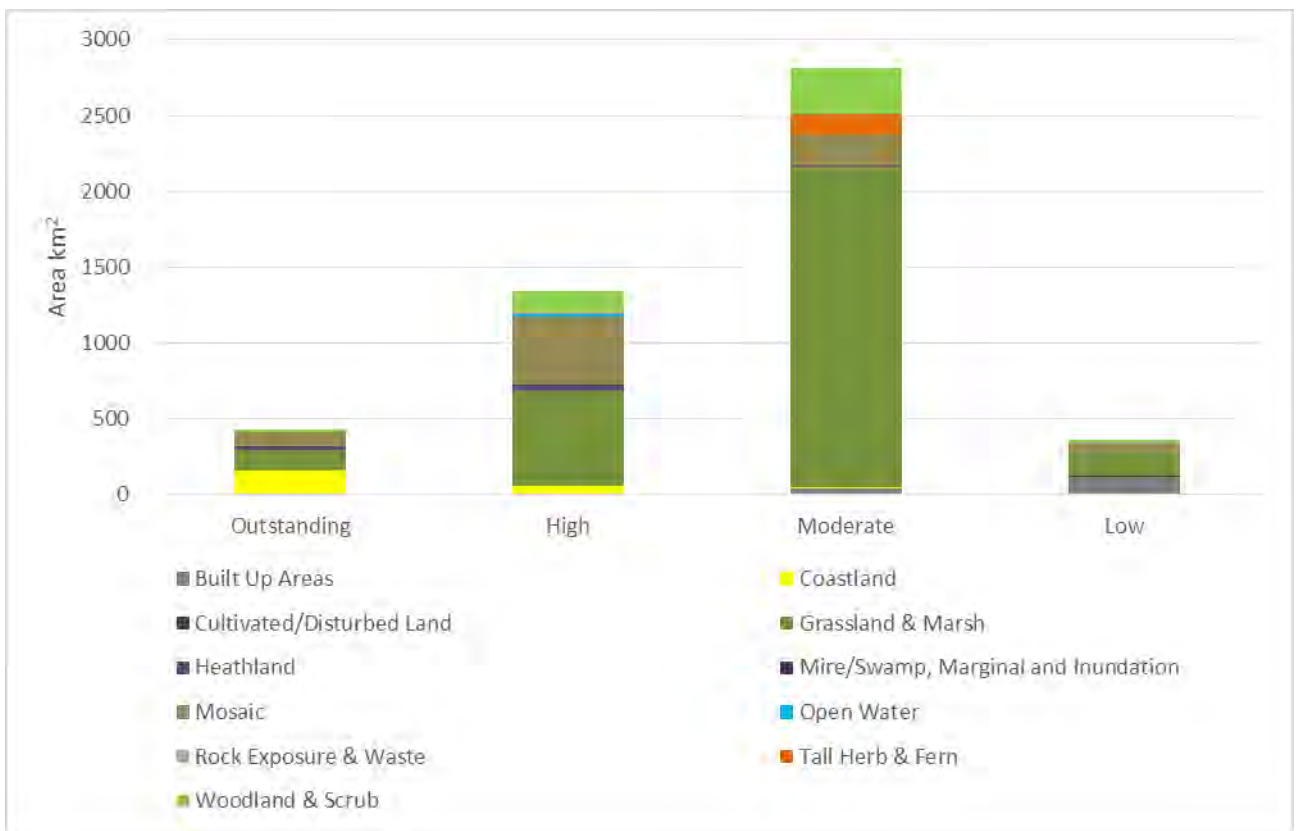


Figure 38: Overall Evaluation South West Wales LPA Group

4.4.2. Evaluations

Opportunity

Within the LPA group area, only 0.02% (1.14km²) of aspect areas are evaluated as **Outstanding** which is significantly lower than the Wales national average of 1.69%. 3.3% is evaluated as **High**, 43.55% is evaluated as **Moderate** with 5.43% as **Low**. 47.70% of the LPA group area was **Unassessed** for **Opportunity**.

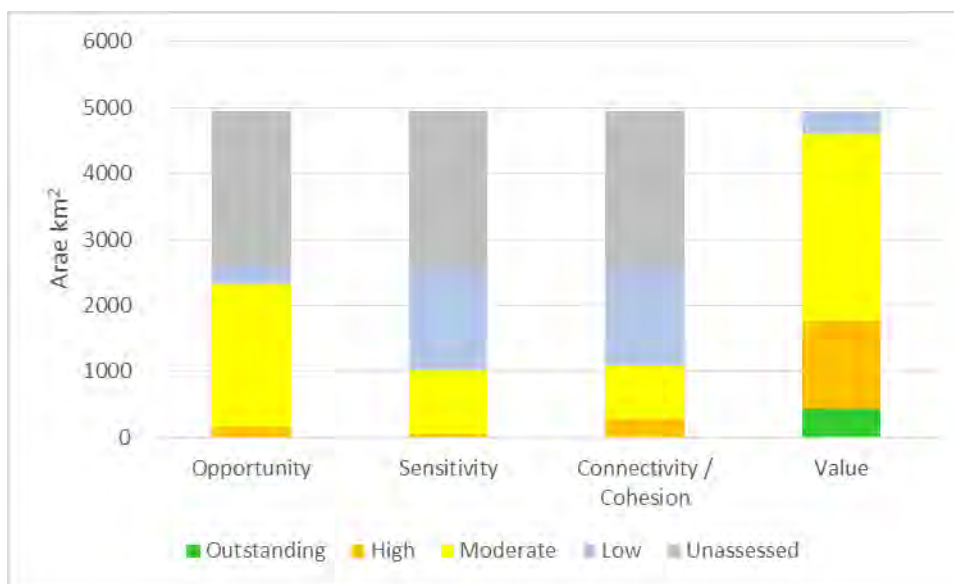


Figure 39: Evaluations for South West Wales LPA Group

Sensitivity

48% of the LPA group was **Unassessed** for **Sensitivity** (2379.09km²). Only 0.10% of the area was evaluated as **Outstanding** (5.09km²) with under 0.75% as **High** (37.03km²) being significantly lower than the national average for both evaluations. 31.50% was evaluated as **Low** which is over half of the Wales national average of 15.46%. A further 19.64% was evaluated as **Moderate**.

Connectivity/Cohesion

Just under 0.2% of the LPA group area was evaluated as **Outstanding** for **Connectivity/Cohesion** (9.40km²). A further 5.17% was evaluated as **High**, 16.83% as **Moderate** and 29.19% as **Low** (256.31km², 834.02km² and 1446.16km² respectively). 48.62% was **Unassessed** for **Connectivity/Cohesion** within the LPA group.

Value

Overall only 8.67% of the LPA group area was evaluated as **Outstanding** (429.4km²), this is well below the national average of 14.88%. Just over 27% was evaluated as **High** (1346.93km²), 56.81% as **Moderate** (2815km²) and 7.34% as **Low** (363.56km²) which is below the national average of 9.75%.

Condition

Within the LPA group over 96% of areas were **Unassessed** for **Condition** (4789.60km²). 2.61% (129.56km²) were evaluated as **Good**, 0.47% as **Fair** (23.14km²) and 0.26% as **Poor** (12.77km²).

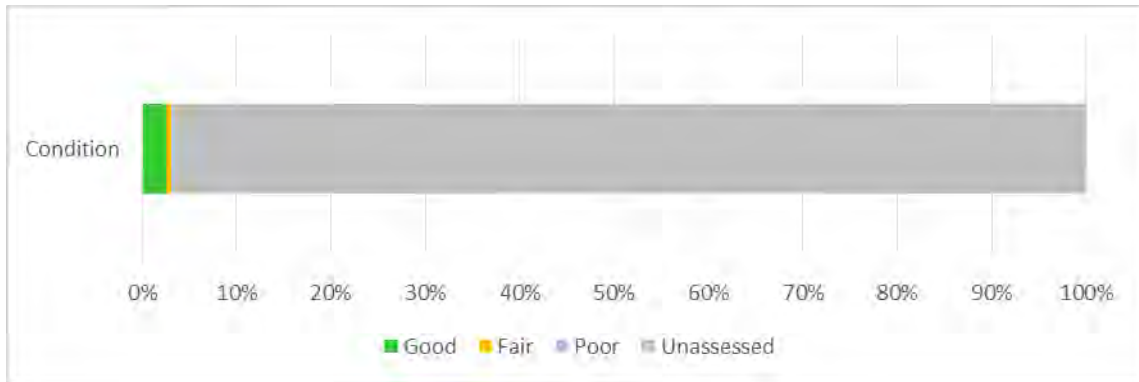


Figure 40: Condition for South West Wales

Trend

Just over 78% of aspect areas within the LPA group are evaluated as being **Constant** in terms of **Trend** (3886.39km²). Under 1% are **Improving** and 20.88% are **Declining** (34.05km² and 1034.64km² respectively) which are below the national average for Wales figures (3.54% and 12.59% respectively).

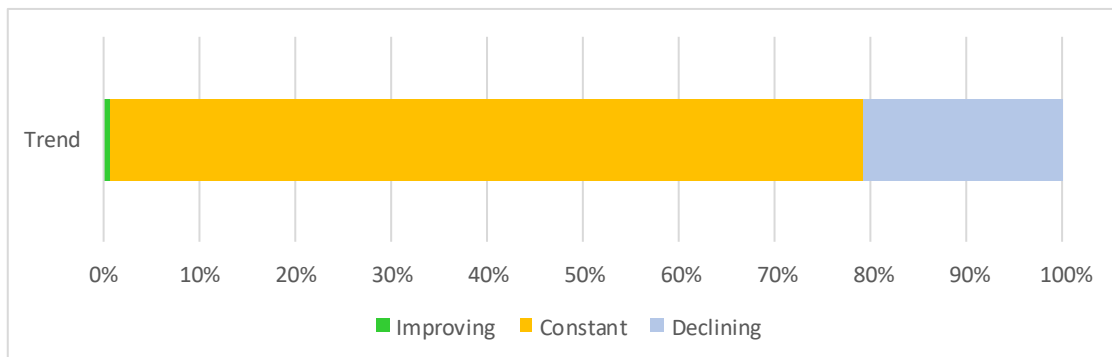


Figure 41: Trend for South West Wales

4.4.3. Landscape Habitat Monitoring

A total of 1104.02km² has been updated following monitoring work within the LPA group area because of **Real Change** (22.28% of the whole area). **Grassland and Marsh** aspect areas account for the largest area (820.86km² or 74.35%), **Tall Herb and Fern** account for 130.62km² (11.83%), **Dry and Wet Terrestrial Mosaic, Mosaic** aspect areas 103.42km², **Open Water** 0.73km², **Rock Exposure and Waste** 7.98km² and **Woodland and Scrub** aspect areas 15.89km².

Classification change

An area of 15.09km² has change due to **Classification** change only, 10.46km² of this is within **Dry and Wet Terrestrial Mosaic, Mosaic** aspect areas and 0.71km² within **Woodland and Scrub** aspect areas. A further 61.25km² has been updated because real change has occurred and **Classification** was amongst the reasons for change.

Evaluation change

Only one record occurs where an aspect area has been updated following monitoring work where real change occurs and Evaluation changed. This is within **Woodland and Scrub** habitat and covers an area of 0.42km² which is evaluated as **High**, within the aspect area **Classification** has also changed.

Condition and Trend change

No one area has been updated because real change occurred and Condition and Trend changed. 8.26km² of the LPA group area was updated because of a combination of changes including **Condition and Trend**. Just over 6km² has been updated within **Woodland and Scrub** aspect areas where there is a positive change and the biodiversity of the area is improving, however a further 0.56km² within this aspect areas type is declining. Overall where change has occurred and Condition and Trend have changed 6.27km² is improving and 1.99km² is declining in biodiversity value.

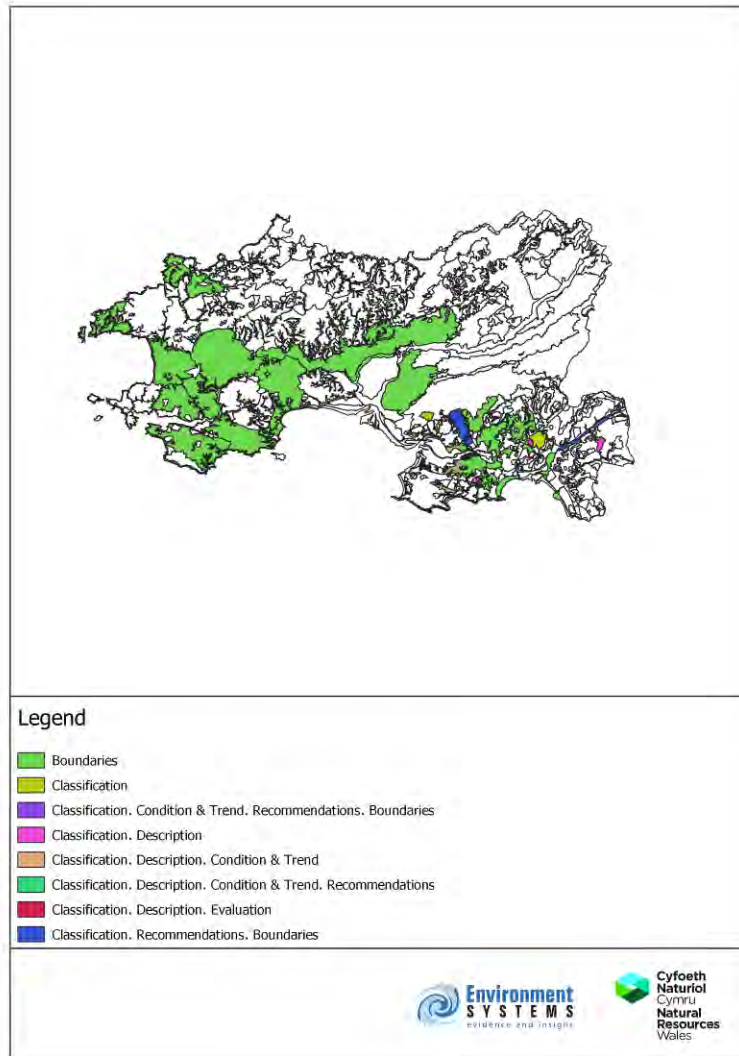


Figure 42: Map showing aspect areas where real change has occurred with the LPA group (South West Wales)

Boundary change

Within the LPA group area, 1042km² has been updated following monitoring work where real change occurred and boundaries changed. The majority of this area was within **Grassland and Marsh** aspect areas (796.15km²). 18km² occurred in **Coastland** aspect areas and 130km² within **Tall herb and Fern** aspect areas.

4.5. Mid Wales LPA Group

The Mid Wales LPA Group comprises Powys and Ceredigion.

4.5.1. Classification

Due to the large area of land covered by **Improved Grassland** and **Dry and Wet Terrestrial, Grass and Marsh Mosaic, Mosaic/Mosaic** aspect areas, (3068.79km², 1056.76km² and 1594.70km² or 43.78%, 15.07% and 22.75%) these values have been omitted from Figure 40, by omitting these values the lesser represented aspect areas are now visible within the graph. The Mid Wales LPA group area has the largest area of Grassland and Marsh within Wales covering 4563.11km² which covers 65.1% of the area.

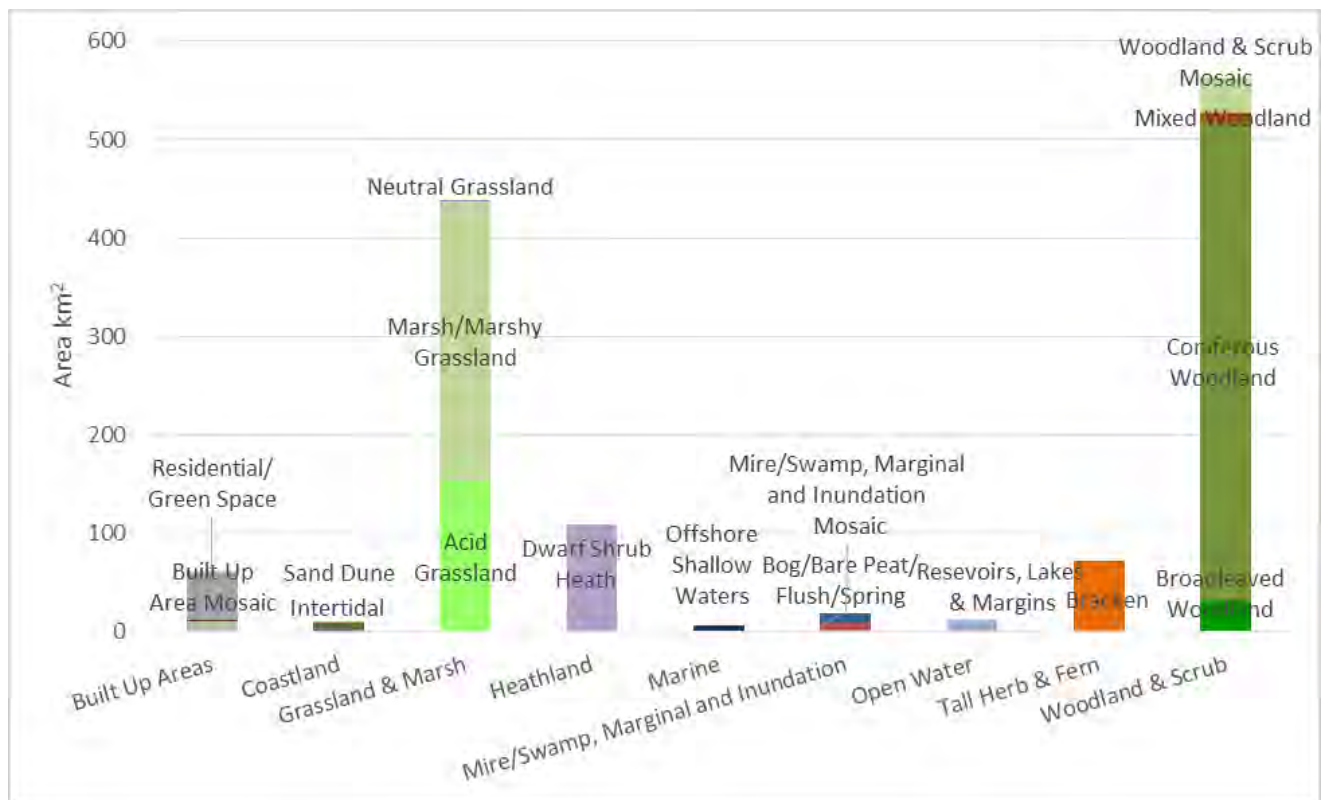


Figure 43: Level 2 and Level 3 Classification Due to the large area of land covered by **Improved Grassland** and **Dry and Wet Terrestrial, Grass and Marsh Mosaic, Mosaic/Mosaic** aspect areas, (3068.79km², 1056.76km² and 1594.70km² or 43.78%, 15.07% and 22.75%) these values have been omitted from Figure 40, by omitting these values the lesser represented aspect areas are now visible within the graph.

Built Up Areas account for less than 1% of the LPA group area which is significantly less than the 3.6% Wales national average. **Coniferous Woodland** covers 487.16km² (6.95%) of land which is also higher than the Wales national average of 5.96%. Within the Mid Wales LPA , **Marsh/Marshy Grassland** covers a greater area than across Wales as a whole, 4.05% compared to 1.85%.

LANDMAP has not recognised River Corridors as standalone aspect areas within the classification for the Mid Wale LPA group area.

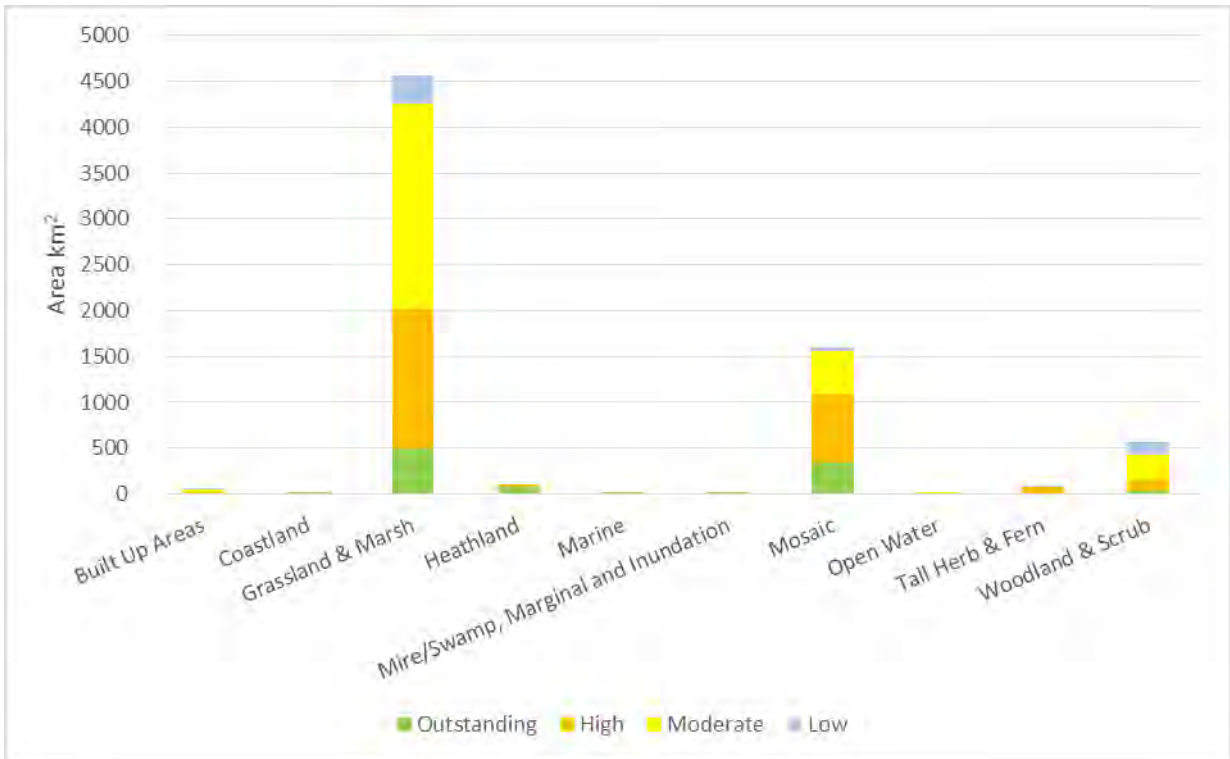


Figure 44: Level 2 Classification Evaluation

Within the Mid Wales LPA group 1002.24km² of aspect areas are evaluated as **Outstanding** (14.3%). This is equal to the Wales national average of 14.87%. Within Heathland aspect areas 66.43% is evaluated as **Outstanding** along with the entirety of **Marine** and **Mire/Swamp, Marginal and Inundation** aspect areas (6.09km² and 18.07km²). Just over half of the aspect areas within the Mid Wales LPA group (50.07%) have evaluations of **High** or **Outstanding** with only 7.11% having an evaluation of **Low** (499km²).

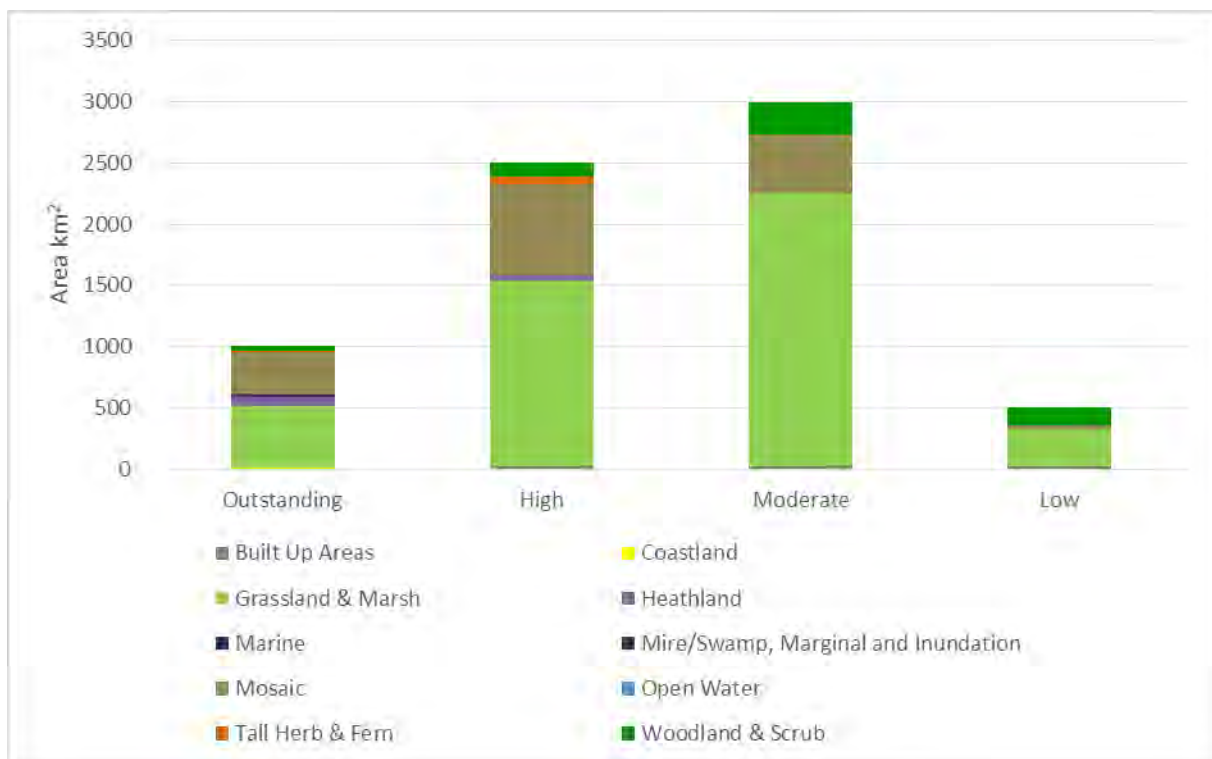


Figure 45: Overall Evaluation for Mid Wales LPA Group

4.5.2. Evaluation

Opportunity

Within the LPA group area, only 1.84% (128.77km²) of aspect areas are evaluated as **Outstanding** for **Opportunity** which is slightly higher than the Wales national average of 1.69%. Just under 26% is evaluated as **High** (1818.04km²), which is significantly higher than the Wales national average of 14.99%. 40.34% is evaluated as **Moderate** (2827.55km²) with 3.34% as **Low** (234.42km²). 28.53% of the LPA group area was **Unassessed** for **Opportunity** (1999.80km²).

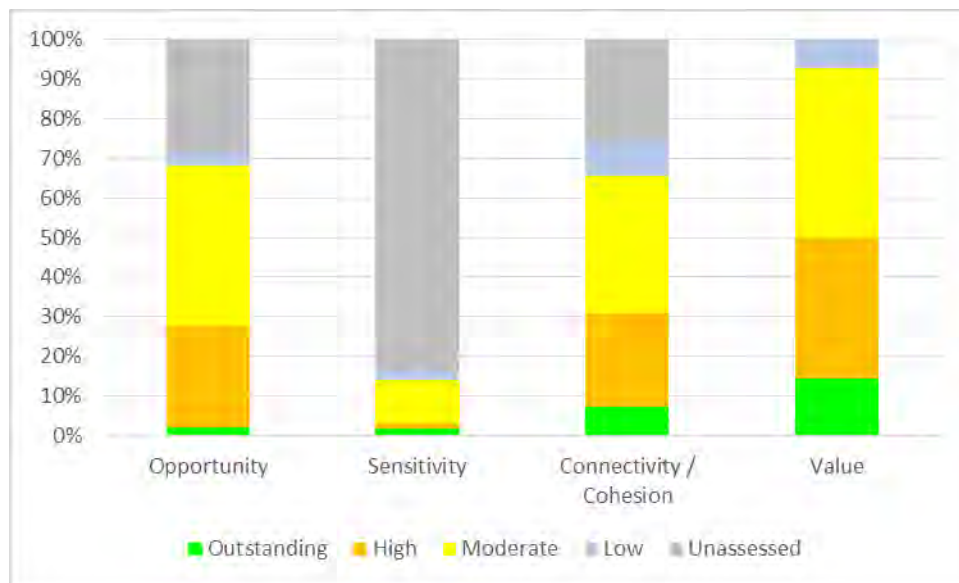


Figure 46: Evaluations for Mid Wales LPA Group

Sensitivity

Over 83% of the LPA group was **Unassessed** for **Sensitivity** (5849.1km²). Only 1.66% of the area was evaluated as **Outstanding** (116.43km²), however this is double the national average of 0.69%. 1.37% of areas are evaluated as **High** (96.18km²). 2.62% of aspect areas (183.40km²) are evaluated as **Low** for **Sensitivity** which is considerably lower than the national average of 15.46%. A further 10.89% are evaluated as **Moderate**.

Connectivity/Cohesion

7.3% of the LPA group area was evaluated as **Outstanding** for **Connectivity/Cohesion** (513.36km²) which is half of the Wales national average of 14.94%. 23.65% (1657.79km²) of areas were evaluated as **High** for **Connectivity/Cohesion** which is almost five times the Wales national average of 4.82%, 34.57% as **Moderate** and 8.94% as **Low** which is half the national average (2422.94km² and 626.9km² respectively). 25.4% was **Unassessed** for **Connectivity/Cohesion** within the LPA group (1787.65km²).

Value

Overall 14.3% of the LPA group area was evaluated as **Outstanding** (1002.24km²), this is almost equal to the national average of 14.88%. Just over 35% was evaluated as **High** (2507.08km²), 42.8% as **Moderate** (3000.26km²) and 7.12% as **Low** (499km²).

Condition

Within the LPA group over 77.32% of areas were **Unassessed** for **Condition** (5419.3km²). 5.37% (376.6km²) were evaluated as **Good**, 16.05% as Fair (1125.18km²) and 1.25% as Poor (87.48km²).

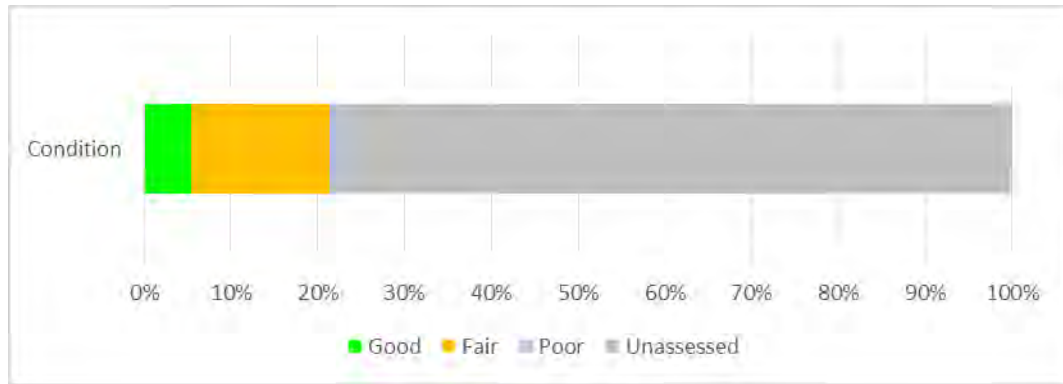


Figure 47: Condition for Mid Wales LPA Group

Trend

Just over 87% of aspect areas within the LPA group area are evaluated as being **Constant** in terms of **Trend** (6111.33km²). Just over 1% are **Improving** which is below the national average of 3.54% and 11.6% are **Declining** which is below the national average of 12.59% (84.07km² and 813.18km² respectively).

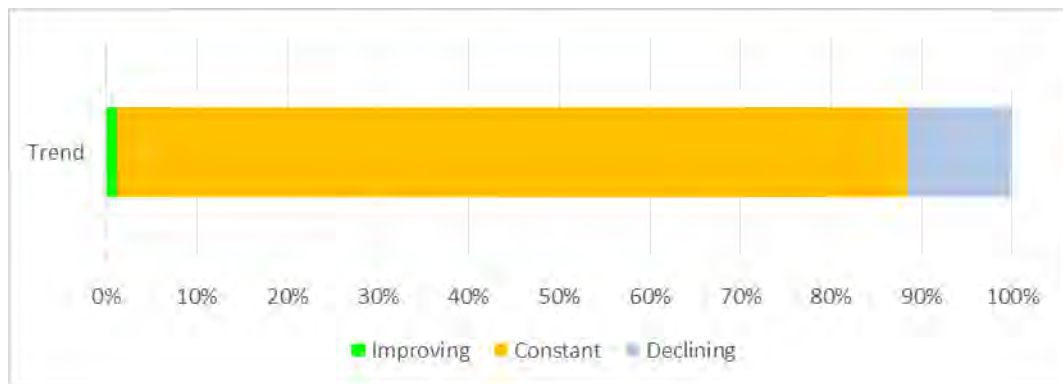


Figure 48: Trend for Mid Wales LPA group

4.5.3. Landscape Habitat Monitoring

An area of 959.84km² has been updated following monitoring work because of **real change** within the LPA group area (13.69%). 21.71km² in **Built Up Areas**, 777.56km² in **Grassland and Marsh** aspect areas, 14.99km² in Heathland, 128.89km² in **Dry and Terrestrial Mosaic, Mosaic** aspect areas, 0.16km² in **Open Water**, 0.90km² in **Tall Herb and Fern** aspect areas and 15.64km² in **Woodland and Scrub** aspect areas.

Classification change

360km² of the LPA group area has been updated because of real change for a combination of reasons with all including **Classification**. 68.18% of this was in **Grassland and Marsh** aspect areas (246.11km²). An area covering 21.71km² has been updated following real change within **Built Up Areas** (2.26%).

Evaluation

No areas within the LPA group have been updated for **Evaluation** alone. An area of **Grassland and Marsh** (9.75km²) was updated because of **real change** that included **Classification, Evaluation and Condition and Trend**.

Condition & Trend

No areas within the LPA group area have been updated for **Condition and Trend** alone. Within the LPA group area 211.97km² has been updated following monitoring work and real change has occurred because **Condition and Trend** among a combination of reasons (Figure 49). An area of 141.74km² has been updated following real change within **Grassland and Marsh** aspect areas because of change in **Classification** along with **Condition and Trend**. Within Mosaic aspect areas, 72.21km² has been updated because of real change due to a combination of reasons including 51.05km² for **Classification** and **Condition and Trend**.

Boundary change

62.39% of real change within the LPA Group is due to **Boundary** change alone (598.87km²) with the majority of this occurring within **Grassland and Marsh** aspect areas (531.45km² or 88.74%). An area of **Open Water** (0.16km²) has been updated because of Boundary change.

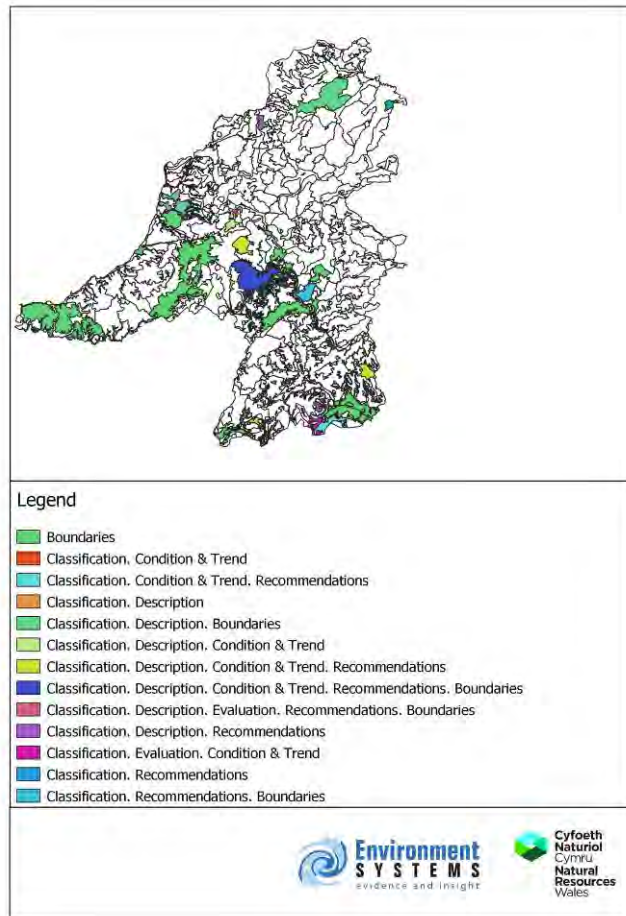


Figure 49: Map showing areas of Real Change within the Mid Wales LPA Group

4.6. North East Wales LPA Group

The North East Wales LPA group comprises Wrexham, Denbighshire and Flintshire.

4.6.1. Classification

The North East Wales LPA Group covers an area of 1839.57km². As with all other LPA group areas **Grassland and Marsh** aspect areas covers the greatest area. Within the LPA group this is 971.62km² accounting for 52.81% of land cover, 46.98% of the LPA group area is covered with **Improved Grassland** (864.30km²). 6.09% of the LPA group area is **Built Up Area** with 102.89km² of that being **Residential/Green Space** which is almost double that of the Wales national average of 3.3%.

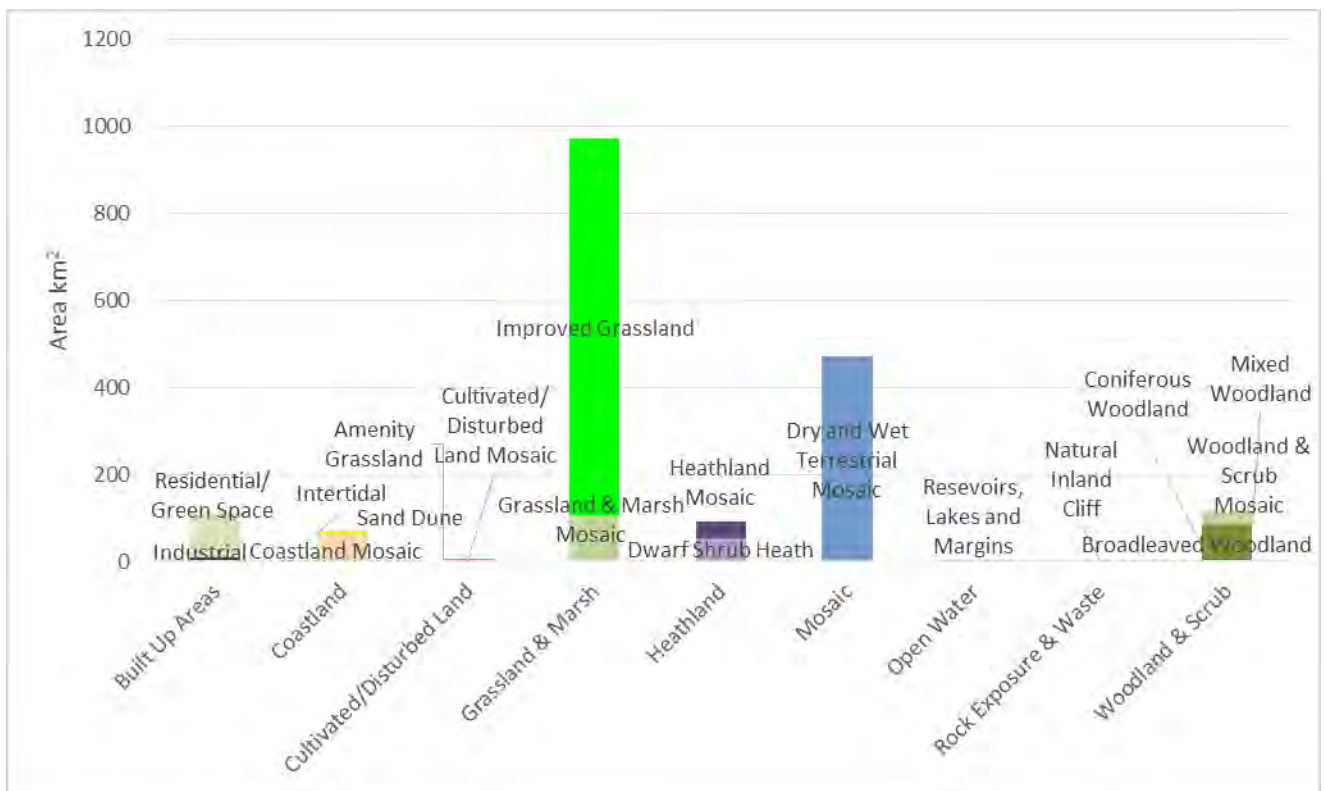


Figure 50: Level 2 and Level 3 Classification

As shown in Figures 47 and 48 just under 19% of areas were evaluated as Outstanding within the LPA group (346.63km²). 91.55km² of this occurs within **Heathland** habitat which accounts for 99.5% of the aspect areas. 614.55km² of the LPA group area has been evaluated as **High**, the majority of this is within **Grassland and Marsh** aspect areas 337.99km² (55% of the evaluation), 193.56km² is within **Dry and Wet Terrestrial Mosaic, Mosaic** aspect areas. The majority of areas within the LPA group have been evaluated as **Moderate** (748.69km² or 40.70%).

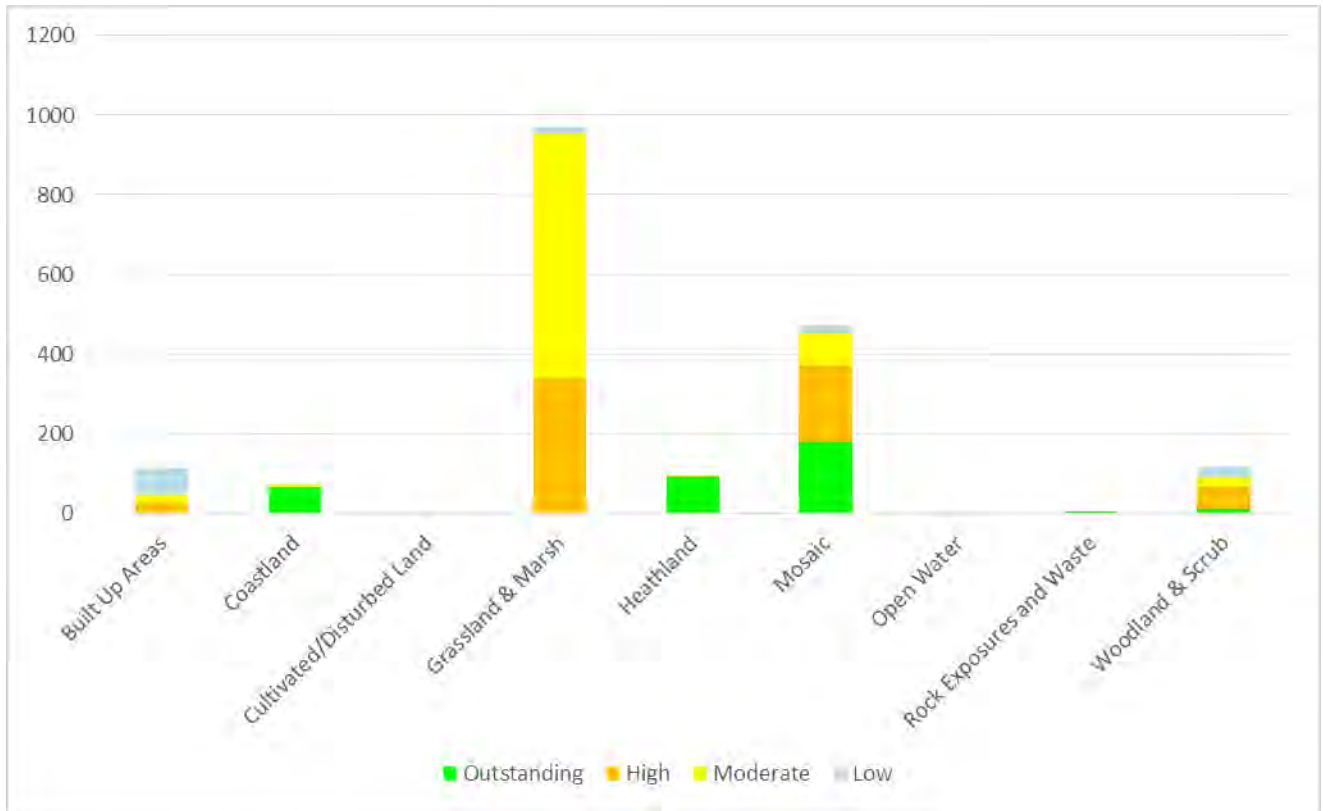


Figure 51: Overall Evaluation by Classification

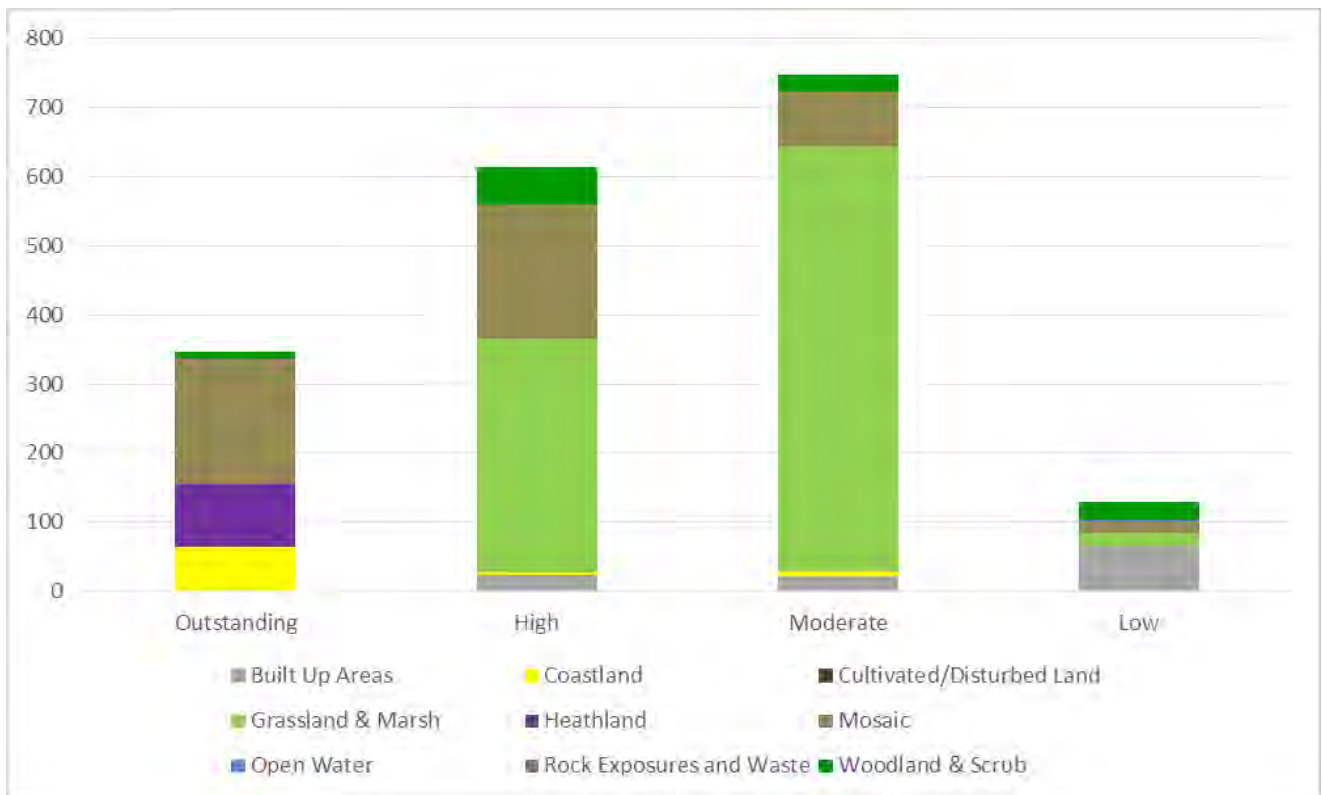


Figure 52: Overall Evaluation for North East Wales LPA Group

4.6.2. Evaluation

Opportunity

Opportunity is scored according to how easy it would be to enhance any existing moderate, high or outstanding aspect areas. 10.66% of areas within the LPA group are evaluated as being **Outstanding** (196.18km²), 44.16 % (812.42km²) of aspect areas are evaluated as **High** both of which are considerably higher than the national averages of 1.69% and 14.99% respectively. 43.01% of aspect areas are evaluated as **Moderate** (791.34km²). Only 2% of aspect areas are evaluated as **Low** for **Opportunity** (38.05km²). 1.59km² was **Unassessed** for **Opportunity** (0.09%)

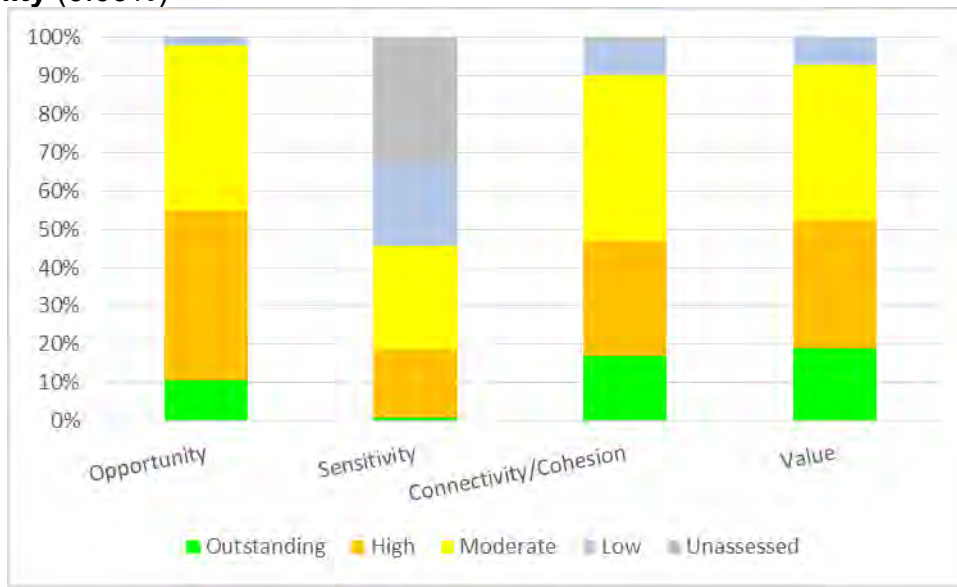


Figure 53: Evaluations for North East Wales LPA Group

Sensitivity

Within the LPA group area, 13.14km² (0.71%) was evaluated as **Outstanding** for sensitivity. 17.84% of aspect areas are evaluated as **High** (328.15km²) and 27.06% as **Moderate** (497.81km²). 32.79% of areas were **Unassessed** (603.25km²).

Connectivity/Cohesion

16.76% of the aspect areas within the LPA group are evaluated as **Outstanding** for **Connectivity /Cohesion**, just over 50% of this lies within **Mosaic, Mosaic** aspect areas (153.88km²). Over 30% of the LPA Group is evaluated as **High** (555.30km²) which is double that of the national average, and 796.49km² as **Moderate** (43.30%).

Overall Value

Overall 346.63km² of aspect areas are evaluated as **Outstanding** within the LPA group (18.84%). A third (33.41%) are evaluated as **High** (614.55km²) and 40.69% as **Moderate** (748.69km²).

Condition

The overall **Condition** for the South Wales Central LPA group was **Unassessed** for 94% of the area (1730.4km²). Just over 41.52km² of aspect areas were evaluated as **Good** (2.26%), 59.96km² as **Fair** (3.1%) and 10.7km² as **Poor** (0.58%).

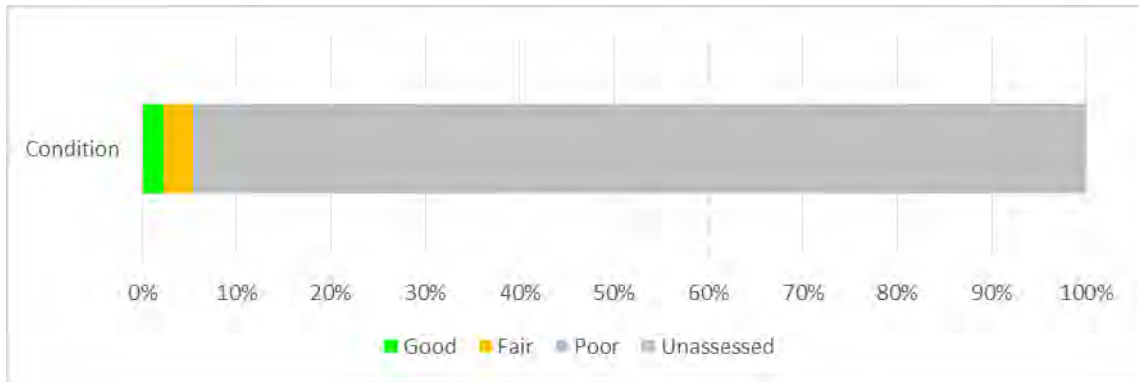


Figure 54: Condition for North East Wales LPA Group

Trend

Just over 84% of aspect areas within the LPA group area are evaluated as being **Constant** in terms of **Trend** (1560.93km²). 5.68% are **Improving** (104.46km²) which is above the national average of 3.54% and 9.47% are **Declining** (174.18km²) which is below the national average of 12.59%.

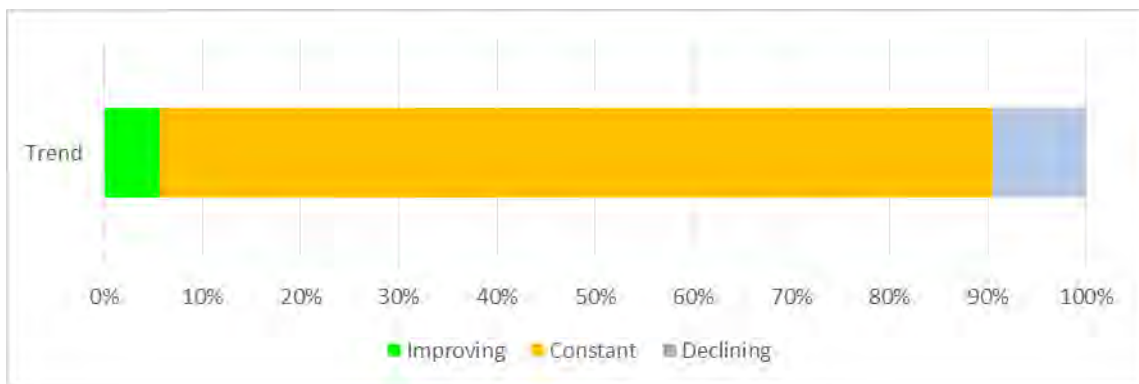


Figure 55: Trend for North East Wales LPA Group

4.6.3. Landscape Habitats Monitoring

176.23km² (9.58%) of the LPA group aspect areas have been updated following monitoring work because real change has occurred. 101km² occurred within Grassland and Marsh aspect areas, 0.42km² within Heathland, 69.51 within Dry and Wet Terrestrial Mosaic, Mosaic aspect areas and 1.511km² within Woodland and Scrub aspect areas

Classification change

1km² of **Woodland and Scrub** aspect areas has been updated because **Classification** has changed only. Within **Mosaic, Mosaic** aspect areas 53.87km² has been updated because **Classification** and **Boundaries** have changed. An area of Heathland has been updated due to **Classification** and **Condition & Trend** (0.42km²).

Evaluation change

Two aspect areas have been updated following monitoring work where real change has occurred and **Evaluation** has changed amongst the reasons for change. 16.05km² of **Grassland and Marsh** aspect areas where the majority of the evaluation is **High** 58.29% compared to 41.71% of **Moderate**

Condition and Trend change

0.92km² of the LPA group area has been updated where real change occurs because **Condition and Trend** were amongst the reasons for change. Within the Heathland 0.42km² of aspect areas is declining in biodiversity value, whereas within **Woodland and Scrub** aspect areas the value is constant (0.50km²)

Boundary change

29% of all real change within the LPA group area is due to **Boundaries** changing only (51.11km²), the majority of this occurs in **Grassland and Marsh** aspect areas (42.17km²), 3.06km² occurs within **Coastland** aspect areas (5.98%) and 5.88km² within Dry and Wet Terrestrial Mosaic, Mosaic aspect areas (11.51%).

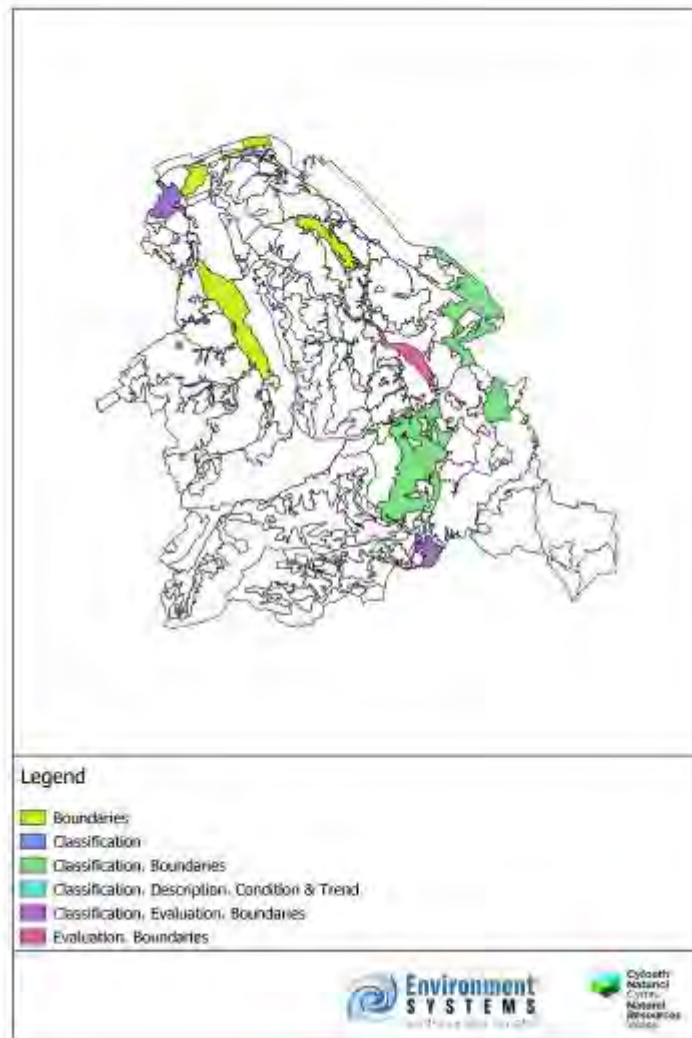


Figure 56: Map showing aspect areas where real change occurred within the LPA group area (North East Wales)

4.7. North West Wales LPA Group

The North West Wales LPA group comprises Conwy, Gwynedd, Ynys Mon and Snowdonia National Park.

4.7.1. Classification

The North West Wales LPA group area covers 4512.36km². Within the LPA group 449.18km² is covered by **Woodland and Scrub** aspect areas (9.95%). The LPA group has the highest cover of **Mire/Swamp, Marginal and Inundation** aspect areas throughout Wales 230.37km² (5.10%) which is significantly higher than the national average of 1.21%. Coastland accounts for 177.97km² of aspect areas (3.94%) which is above the national average of 2.71%.

Over 25% of aspect areas are evaluated as **Outstanding** within the LPA group area (1140.98km²), this is significantly higher than the national average of 14.88%. 208.88km² of **Mire/Swamp, Marginal and Inundation** aspect areas is evaluated as **Outstanding** (90.67%), along with 123.28km² of **Coastland** (69.26%) and 113.74km² of **Heathland** (82.16%). Just over 40% of aspect areas across the LPA group are evaluated as High or Outstanding (1847.14km²), this is slightly below the national average of 42.39%.

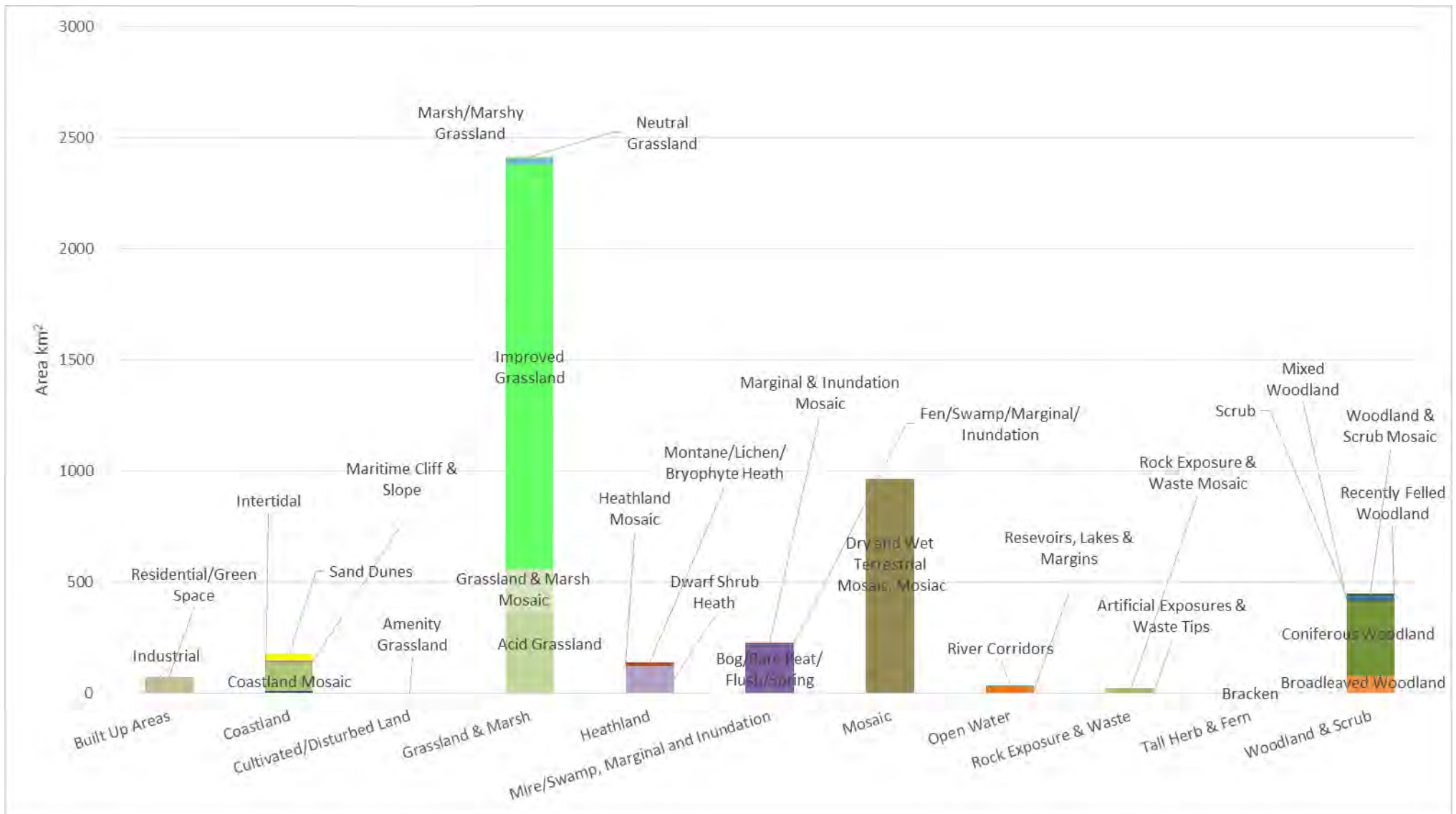


Figure 57: Level 2 and Level 3 Classification for North West Wales LPA Group

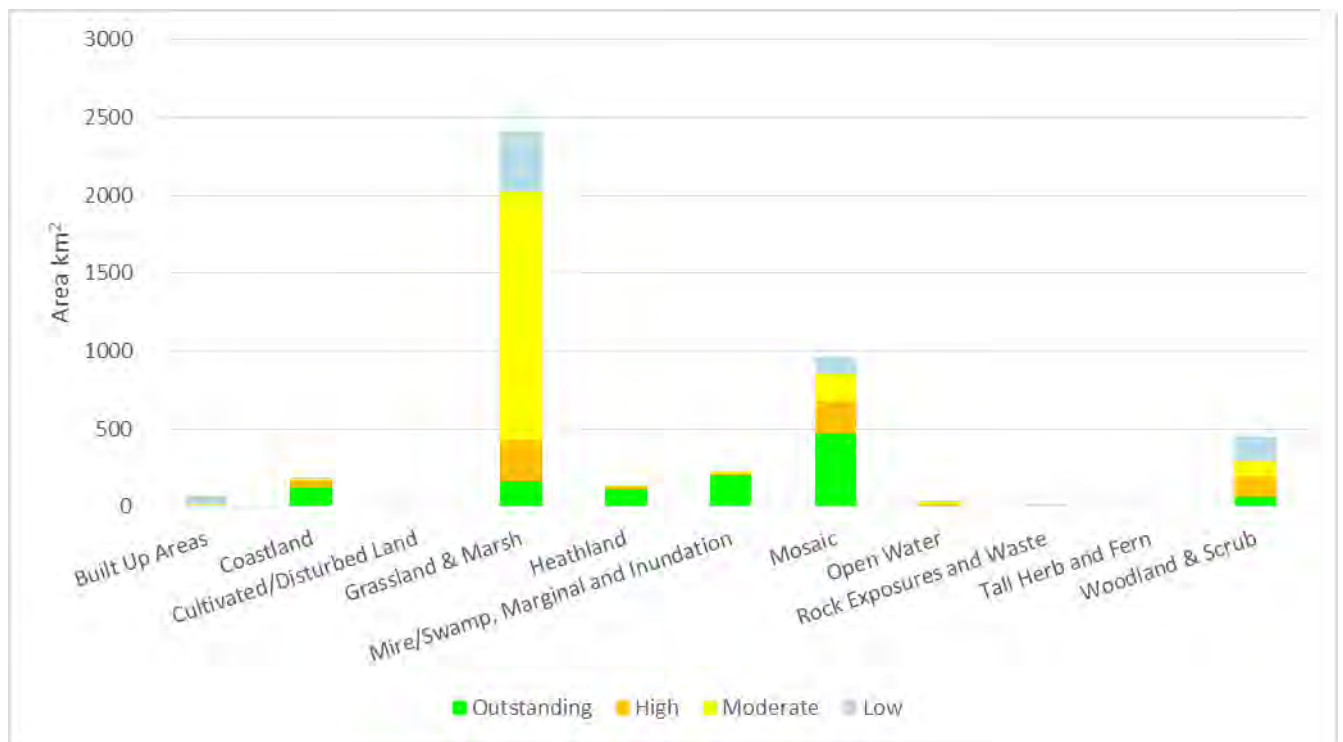


Figure 58: Evaluation by Classification

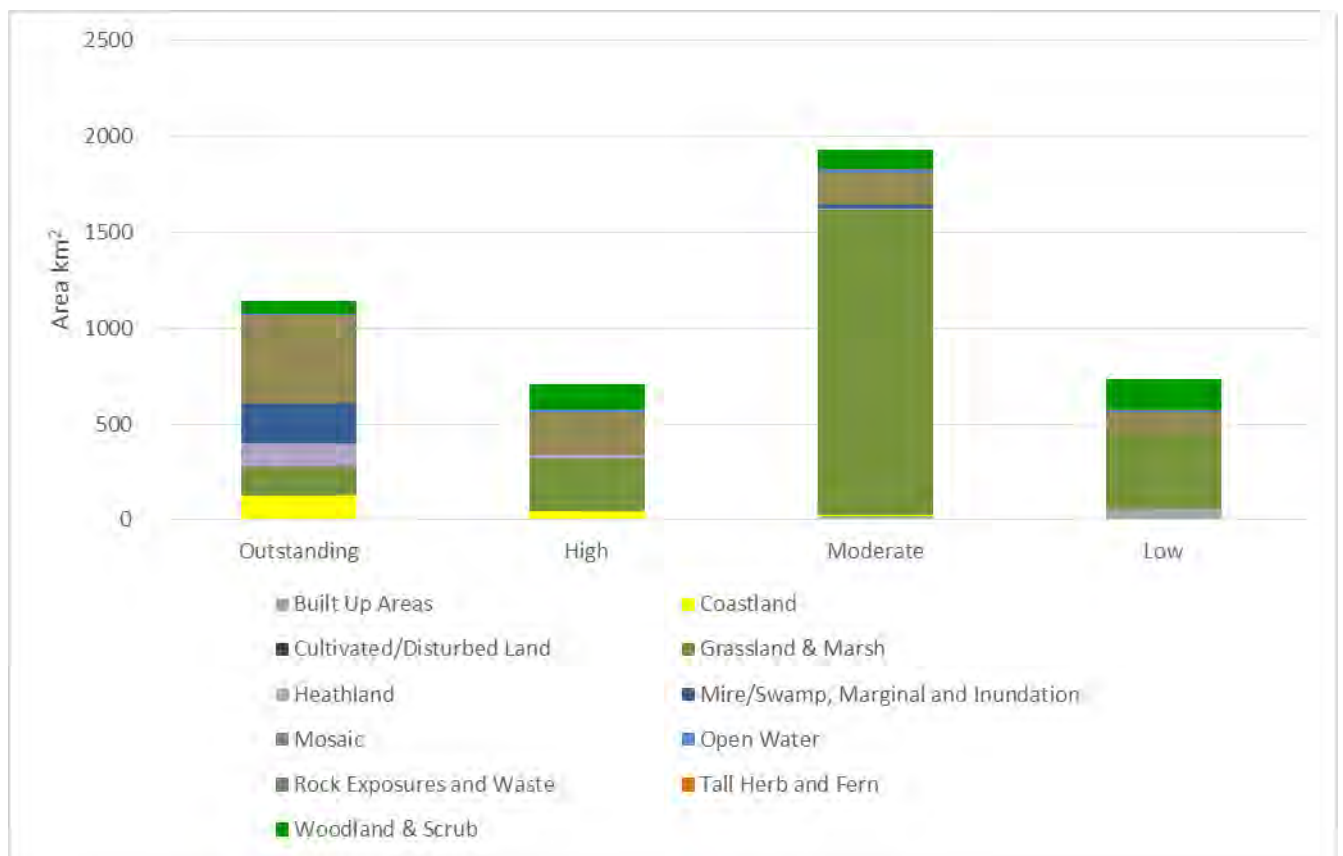


Figure 59: Overall Evaluation

4.7.2. Evaluation

Opportunity

Within the LPA group area, only 0.63% (28.87km²) of aspect areas are evaluated as **Outstanding** for **Opportunity** which is significantly lower than the Wales national average of 1.69%. 4.19% are evaluated as **High** (188.93km²), 60.14% are evaluated as **Moderate** with 6.25% as **Low**. 28.78% of the LPA group area was **Unassessed** for **Opportunity** (1298.83km²).

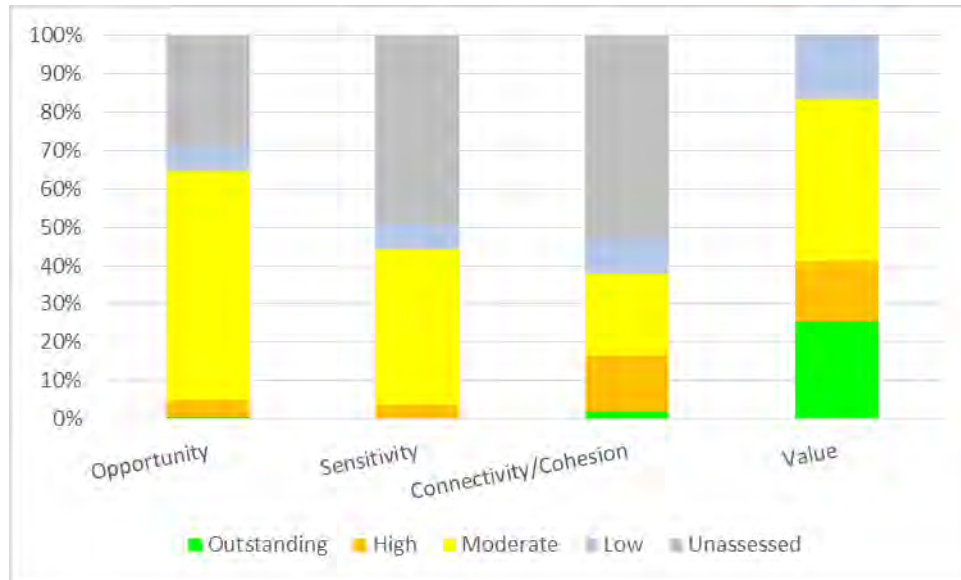


Figure 60: Evaluations

Sensitivity

Just over 49% of the LPA group was **Unassessed** for **Sensitivity** (2225.42km²). Only 0.05% of the area was evaluated as **Outstanding** (2.32km²), this is significantly lower than the national average of 0.69%. 3.57% has been evaluated as **High** (161.27km²). 6.17% was evaluated as **Low** (278.37km²) which is significantly lower than the national average of 15.46%. A further 40.89% was evaluated as **Moderate** (1844.99km²).

Connectivity/Cohesion

1.69% of the LPA group area was evaluated as **Outstanding** for **Connectivity/Cohesion** (76.17km²) which is a third of the national average of 4.82%. A further 14.94% was evaluated as **High**, 21.36% as **Moderate** and 9.07% as **Low** (674.32km², 963.82km² and 409.49km² respectively). 52.93% was **Unassessed** for **Connectivity/Cohesion** within the LPA group.

Value

Overall 25.29% of the LPA group area was evaluated as **Outstanding** (1140.98km²). Just under 16% was evaluated as **High** (706.16km²), 42.77% as **Moderate** (1929.88km²) and 16.21% as **Low** (731.30km²) which is above the national average of 9.75%.

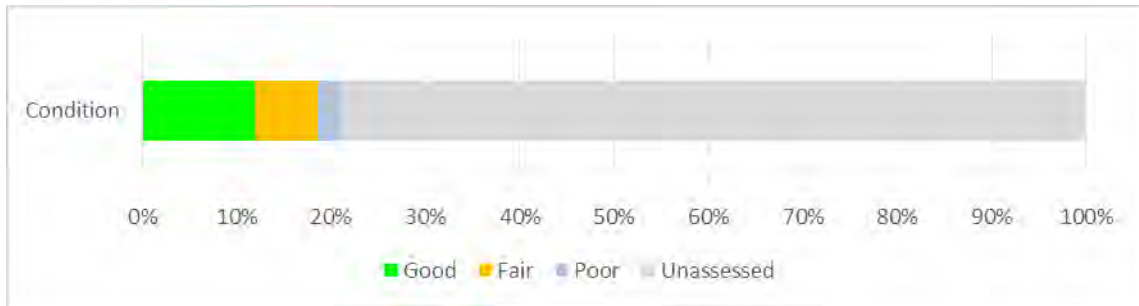


Figure 61: Condition for North West Wales LPA Group

Condition

Within the LPA group over 78.81% of areas were **Unassessed** for **Condition** (3556.32km²). 11.97% (540.21km²) were evaluated as **Good** which is above the national average of 5.8%, 6.58% as Fair (296.97km²) and 2.63% as Poor (118.87km²) which is above the national average of 1.33%.

Trend

Just over 80% of aspect areas within the LPA group are evaluated as being **Constant** in terms of **Trend** (3636.85km²). Just over 9.5% are **Improving** and 9.84% are **Declining** (431.48km² and 444.04km² respectively) which are below the national average for Wales figures (3.54% and 12.59% respectively).

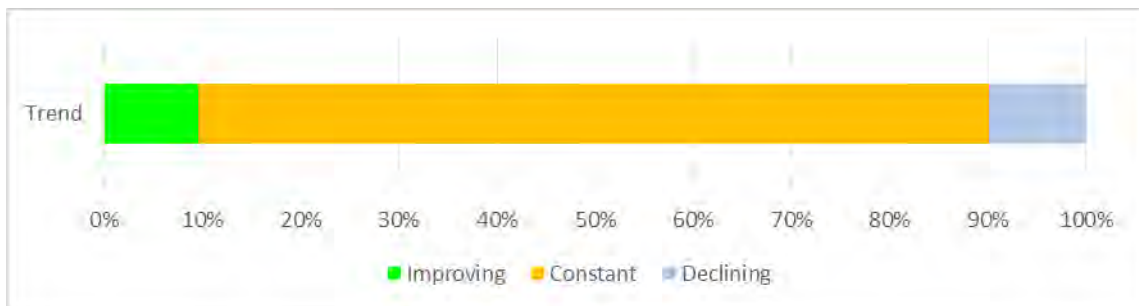


Figure 62: Trend for North West Wales LPA Group

4.7.3. Landscape Habitats Monitoring

Within the LPA group area, 459km² of aspect areas have been updated following monitoring work where there has been real change within the aspect area. The majority of this change has occurred within **Mosaic, Mosaic** aspect areas (266.88km² or 58%). Other areas where real change has occurred are within **Coastland** (4.16km² or 0.9%), **Grassland and Marsh** (153.91km² or 33.46%), **Heathland** (13.14km² or 2.85%), **Mire/Swamp, Marginal and Inundation** (2.85km² or 0.62%), **Rock Exposure & Waste** (1.02km² or 0.22%) and **Woodland & Scrub** (17.94km² 3.9%) aspect areas.

Classification change

A total area of 19.32km² has been updated following monitoring work where only classification has changed. The majority of this is within **Grassland and Marsh** aspect areas (82.5%). 3.38km² of **Mosaic, Mosaic** aspect areas were re-classified.

Evaluation change

No areas within the LPA group area have changed for real following monitoring work because of only **Evaluation**. An area of 177.44km² has changed for a combination of reasons including **Evaluation** (38.66%). The majority of this is within **Mosaic, Mosaic** aspect areas (158.27km² or 89.19%).

Condition and Trend change

No areas within the LPA group area have been updated following monitoring work because there was real change and only **Condition and Trend** has changed. An area of 198.70km² has been updated for a combination of reasons including **Condition and Trend, Mosaic, Mosaic** aspect areas account for 69% of this (137.41km²).

Boundaries change

The area of real change within the LPA group because of only boundary changes accounts for 93.52km² (20.37%). The majority of this is within **Grassland and Marsh** habitat (81.31km²). Within **Rock Exposure & Waste** aspect areas the area that has been updated due to boundary change is 1.02km².

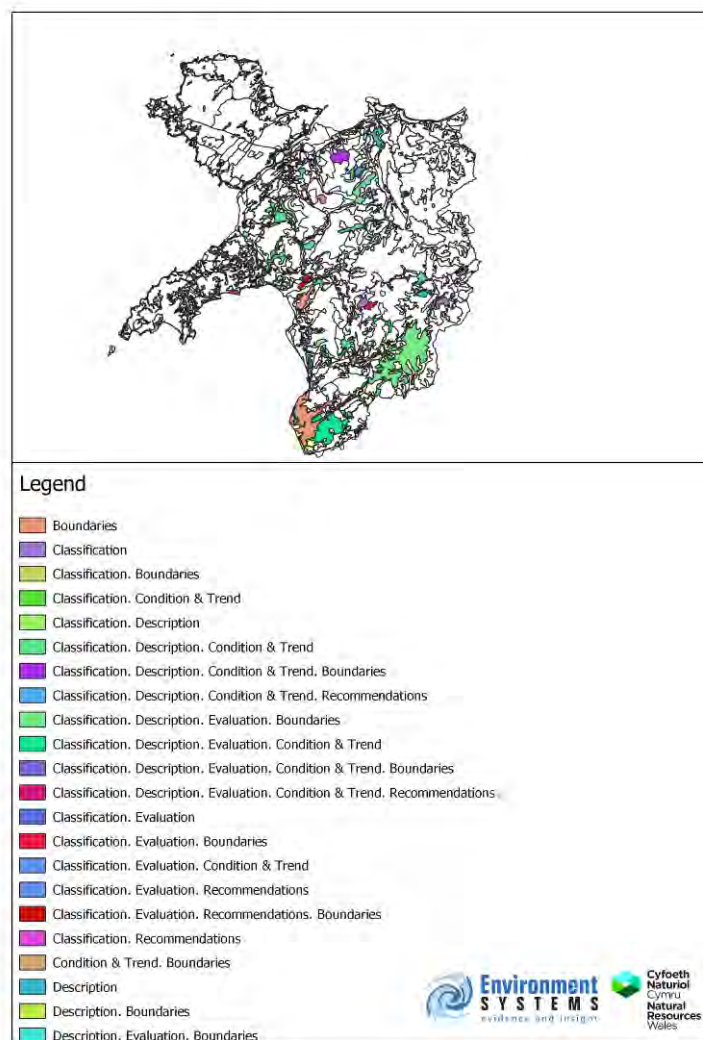


Figure 63: Map showing where aspect areas have been updated following monitoring and real change has occurred (North West Wales)

5. Appendices

The data tables in this appendix support the figures provided throughout the main report. All areas are given in km² unless otherwise stated.

Table 1: All Wales – Primary and secondary aspect areas classification at levels 2 and 3 by Overall Evaluation

Level 3	Level 2	Total Area (km)	Total area as % of Wales	Area (km ²) by overall evaluation				Overall evaluation as a percentage of Wales			
Level 2 and Level 3 Classification				Outstanding	High	Moderate	Low	Outstanding	High	Moderate	Low
Dry Terrestrial Mosaic	Mosaic	4429.04	20.870	1133.20	1748.89	1313.15	230.22	5.343	8.246	6.192	1.086
	Heathland Mosaic	106.21	0.457	60.25	28.05	8.64	0.00	0.284	0.132	0.041	0.000
	Woodland and Scrub	298.01	1.405	45.67	102.17	145.19	4.98	0.215	0.482	0.685	0.023
	Grassland and Marsh	2153.29	10.121	270.94	1122.84	726.60	26.10	1.278	5.294	3.426	0.123
	Rock Exposure and Waste	0.96	0.005	0.00	0.00	0.96	0.00	0.000	0.000	0.005	0.000
	Cultivated/Disturbed Land	2.35	0.002	0.00	0.37	0.00	0.00	0.000	0.002	0.000	0.000
	Built up area mosaic	10.44	0.049	0.00	0.00	9.21	1.22	0.000	0.000	0.043	0.006
Woodland and scrub	Broadleaved woodland	226.46	1.062	73.44	121.63	30.09	0.00	0.346	0.574	0.142	0.000
	Coniferous woodland	1264.74	5.964	19.91	260.49	637.17	347.17	0.094	1.28	3.004	1.637
	Mixed woodland	106.45	0.502	3.26	64.18	39.01	0.00	0.015	0.303	0.184	0.000
	Scrub	0.16	0.001	0.00	0.00	0.16	0.00	0.000	0.000	0.001	0.000
	Parkland and scattered trees	4.49	0.021	0.00	3.89	0.60	0.00	0.000	0.018	0.003	0.000
	Recently felled woodland	6.88	0.032	0.00	0.48	0.00	6.41	0.000	0.002	0.000	0.030
Grassland and Marsh	Acid grassland	727.71	3.431	343.15	221.42	159.69	3.44	1.618	1.044	0.753	0.016
	Neutral grassland	22.51	0.106	15.28	5.56	1.67	0.00	0.072	0.026	0.008	0.000
	Calcareous grassland	2.47	0.012	0.00	2.47	0.00	0.00	0.000	0.012	0.000	0.000
	Improved grassland	8935.06	42.131	26.94	1466.55	6564.46	877.10	0.127	6.915	30.953	4.136
	Marsh/marshy grassland	394.35	1.847	191.85	186.93	12.26	0.65	0.905	0.881	0.058	0.003
Tall herb and fern	Bracken	241.58	1.139	6.95	77.75	156.22	0.66	0.033	0.367	0.737	0.003
Heathland	Dwarf shrub heath	338.01	1.594	236.33	96.79	4.89	0.00	1.114	0.456	0.023	0.000
	Montane/lichen/bryophyte heath	5.82	0.027	0.00	5.82	0.00	0.00	0.000	0.027	0.000	0.000
Rock exposure and waste	Natural inland cliff	2.00	0.009	2.00	0.00	0.00	0.00	0.009	0.000	0.000	0.000
	Artificial exposures and waste tips	39.49	0.186	2.09	12.61	5.70	19.08	0.010	0.059	0.027	0.090
Cultivated/disturbed land	Arable	30.25	0.143	0.00	0.00	14.59	15.66	0.000	0.000	0.069	0.074
	Amenity grassland	11.49	0.054	0.00	1.25	7.77	2.47	0.000	0.006	0.037	0.012
Built up areas	Industrial	69.10	0.326	0.00	0.00	28.66	40.44	0.000	0.000	0.135	0.191
	Residential/green space	699.91	3.300	0.00	45.78	174.22	479.92	0.000	0.216	0.821	2.263
Wet Terrestrial Mosaic	Mosaic	36.70	0.173	17.17	14.65	4.88	0.00	0.081	0.069	0.023	0.000
	Mire/Swamp, Marginal and Inundation, Mosaic	15.31	0.072	13.62	0.85	0.84	0.00	0.064	0.004	0.004	0.000
Mire/swamp marginal and inundation	Bog/bare peat/flush/spring	233.04	1.099	211.88	1.86	19.30	0.00	0.999	0.009	0.091	0.000
	Fen/swamp/marginal/inundation	8.54	0.040	6.08	2.23	0.22	0.00	0.029	0.011	0.001	0.000

Open water	Reservoirs and lakes and margins	51.39	0.233	8.13	19.08	13.05	9.13	0.038	0.090	0.062	0.043
	River corridors	42.31	0.200	6.83	29.54	5.93	0.00	0.032	0.139	0.028	0.000
Coastal and Marine Mosaic	Coastland Mosaic	107.49	0.507	93.83	11.98	1.68	0.00	0.442	0.056	0.008	0.000
	Mosaic, Mosaic	105.35	0.497	8.97	76.12	20.26	0.00	0.042	0.359	0.096	0.000
Coastland	Intertidal	380.55	1.794	278.47	87.70	12.23	2.16	1.313	0.414	0.058	0.010
	Sand dune	73.14	0.345	56.84	13.44	2.86	0.00	0.268	0.063	0.013	0.000
	Maritime cliff and slope	13.75	0.065	8.87	3.69	1.20	0.00	0.042	0.017	0.006	0.000
Marine	Offshore shallow waters	10.97	0.052	10.97	0.00	0.00	0.00	0.052	0.000	0.000	0.000
Total		21207.77	100%	3152.92	5837.06	10123.36	2066.81	15%	28%	48%	10%

Table 2: All Wales – 39 Opportunity

2018 Area

LH39	Area (km ²)
Outstanding	358.26
High	3178.50
Moderate	10769.51
Low	989.27
Unassessed	5912.24
Total	21207.78

2018 Percentages

LH39	%
Outstanding	1.69%
High	14.99%
Moderate	50.78%
Low	4.66%
Unassessed	27.88%
Total	100%

Table 3: All Wales – 41 Sensitivity

2018 Area

LH41	Area (km ²)
Outstanding	145.51
High	968.13
Moderate	5316.43
Low	3278.94
Unassessed	11498.77
Total	21207.78

2018 Percentages

LH41	%
Outstanding	0.69%
High	4.56%
Moderate	25.07%
Low	15.46%
Unassessed	54.22%
Total	100%

Table 4: All Wales – 42 Connectivity

2018 Area

LH42	Area (km ²)
Outstanding	1021.27
High	3641.16
Moderate	6373.88
Low	3169.47
Unassessed	7002
Total	21207.78

2018 Percentages

LH42	%
Outstanding	4.82%
High	17.17%
Moderate	30.05%
Low	14.94%
Unassessed	33.01%
Total	100%

Table 5: All Wales – 25 Overall Value

2018 Area

LH25	Area (km ²)
Outstanding	3156.24
High	5853.92
Moderate	10124.78
Low	2068.80
Unassessed	4.04
Total	21207.78

2018 Percentages

LH25	%
Outstanding	14.88%
High	27.60%
Moderate	47.74%
Low	9.75%
Unassessed	0.02%
Total	100%

Table 6: All Wales – 26 Condition

2018 Area

LH26	Area (km ²)
Good	1231.07
Fair	1640.12
Poor	282.91
Unassessed	18053.67
Total	21207.78

2018 Percentages

LH26	%
Good	5.80%
Fair	7.73%
Poor	1.33%
Unassessed	85.13%
Total	100%

Table 7: All Wales – 27 Trend

2018 Area

LH27	Area (km ²)
Improving	751.66
Constant	17776.98
Declining	2670.71
Unassessed	8.42
Total	21207.78

2018 Percentages

LH27	%
Improving	3.54%
Constant	83.82%
Declining	12.59%
Unassessed	0.04%
Total	100%

Table 8: South East Wales Local Authority Area Group – Level 2 classification by overall evaluation

Level 3	Level 2	Total Area (km)	Total % of LPA group area	Area (km2) by overall evaluation				Overall evaluation as a percentage			
Level 2 and Level 3 Classification				Outstanding	High	Moderate	Low	Outstanding	High	Moderate	Low
Dry Terrestrial Mosaic	Mosaic	343.89	21.16%	56.21	92.32	190.27	5.09	3.459	5.681	11.708	0.313
	Heathland Mosaic	3.62	0.22%	0.00	0.00	3.62	0.00	0.000	0.000	0.223	0.000
	Cultivated/Disturbed Land Mosaic	1.98	0.12%	6.29	11.07	38.76	0.00	0.387	0.681	2.385	0.000
	Woodland and Scrub	56.12	3.45%	0.00	0.00	0.00	1.98	0.000	0.000	0.000	0.122
	Grassland and Marsh	132.39	8.15%	8.27	36.02	87.21	0.88	0.509	2.216	5.367	0.054
Woodland and scrub	Broadleaved woodland	28.85	1.78%	5.28	16.77	6.80	0.00	0.325	1.032	0.418	0.000
	Coniferous woodland	62.10	3.82%	0.00	11.81	44.58	5.71	0.000	0.727	2.743	0.351
	Mixed woodland	7.89	0.49%	0.00	4.39	3.50	0.00	0.000	0.270	0.215	0.000
	Parkland and scattered trees	0.69	0.04%	0.00	0.69	0.00	0.00	0.000	0.042	0.000	0.000
Grassland and Marsh	Acid grassland	30.57	1.88%	1.64	14.32	14.61	0.00	0.101	0.881	0.899	0.000
	Neutral grassland	1.22	0.08%	0.00	1.22	0.00	0.00	0.000	0.075	0.000	0.000
	Calcareous grassland	0.12	0.01%	0.00	0.12	0.00	0.00	0.000	0.007	0.000	0.000
	Improved grassland	613.90	37.77%	9.55	48.77	530.92	24.66	0.587	3.001	32.669	1.517
	Marsh/marshy grassland	10.22	0.63%	2.67	6.80	0.76	0.00	0.164	0.418	0.047	0.000
Tall herb and fern	Bracken	28.06	1.73%	0.00	9.73	18.33	0.00	0.000	0.599	1.128	0.000
Heathland	Dwarf shrub heath	24.72	1.52%	3.64	19.73	1.35	0.00	0.224	1.214	0.083	0.000
Rock exposure and waste	Artificial exposures and waste tips	3.39	0.21%								
				2.09	0.00	0.50	0.80	0.129	0.000	0.031	0.049
Cultivated/disturbed land	Arable	13.69	0.84%	0.00	0.00	7.57	6.12	0.000	0.000	0.466	0.377
	Amenity grassland	7.06	0.43%	0.00	0.00	6.47	0.59	0.000	0.000	0.398	0.036
Built up areas	Industrial	18.94	1.17%	0.00	0.00	5.04	13.91	0.000	0.000	0.310	0.856
	Residential/green space	142.89	8.80%	0.00	0.00	31.76	111.13	0.000	0.000	1.954	6.838
Wet Terrestrial Mosaic	Mosaic	3.08	0.19%								
				3.08	0.00	0.00	0.00	0.190	0.00	0.0	0.000
Mire/swamp marginal and inundation	Bog/bare peat/flush/spring	1.17	0.07%								
				0.00	0.00	1.17	0.00	0.000	0.000	0.072	0.000
Open water	Reservoirs and lakes and margins	1.91	0.12%	0.00	1.91	0.00	0.00	0.000	0.117	0.000	0.000
	River corridors	5.88	0.36%	5.88	0.00	0.00	0.00	0.362	0.000	0.000	0.000
Coastland Mosaic	Mosaic	18.74	1.15%	0.00	17.78	0.96	0.00	0.000	1.094	0.059	0.000
Coastland	Intertidal	56.62	3.48%	56.62	0.00	0.00	0.00	3.484	0.000	0.000	0.000
	Maritime cliff and slope	0.52	0.03%	0.52	0.00	0.00	0.00	0.032	0.000	0.000	0.000
Marine	Offshore shallow waters	4.88	0.30%	4.88	0.00	0.00	0.00	0.300	0.000	0.000	0.000
TOTAL		1625.13	100%	166.62	293.45	994.17	170.87	10.25%	18.06%	61.17%	10.51%

Table 9: South East Wales Local Authority Area Group – Level 2 classification by overall evaluation

Level 3	Level 2	Total Area (km)	Overall evaluation as a percentage of the overall area			
Level 2 and Level 3 Classification			Outstanding	High	Moderate	Low
Dry Terrestrial Mosaic	Mosaic	343.89	0.265	0.435	0.897	0.024
	Heathland Mosaic	3.62	0.000	0.000	0.017	0.000
	Cultivated/Disturbed Land Mosaic	1.98	0.030	0.052	0.183	0.000
	Woodland and Scrub	56.12	0.000	0.000	0.000	0.009
	Grassland and Marsh	132.39	0.039	0.170	0.411	0.004
Woodland and scrub	Broadleaved woodland	28.85	0.025	0.079	0.032	0.000
	Coniferous woodland	62.10	0.000	0.056	0.210	0.027
	Mixed woodland	7.89	0.000	0.021	0.017	0.000
	Parkland and scattered trees	0.69	0.000	0.003	0.000	0.000
Grassland and Marsh	Acid grassland	30.57	0.008	0.068	0.069	0.000
	Neutral grassland	1.22	0.000	0.006	0.000	0.000
	Calcareous grassland	0.12	0.000	0.001	0.000	0.000
	Improved grassland	613.90	0.045	0.230	2.503	0.116
	Marsh/marshy grassland	10.22	0.013	0.032	0.004	0.000
Tall herb and fern	Bracken	28.06	0.000	0.046	0.086	0.000
Heathland	Dwarf shrub heath	24.72	0.017	0.093	0.006	0.000
Rock exposure and waste	Artificial exposures and waste tips	3.39	0.010	0.000	0.002	0.004
Cultivated/disturbed land	Arable	13.69	0.000	0.000	0.036	0.029
	Amenity grassland	7.06	0.000	0.000	0.031	0.003
Built up areas	Industrial	18.94	0.000	0.000	0.024	0.066
	Residential/green space	142.89	0.000	0.000	0.150	0.524
Wet Terrestrial Mosaic	Mosaic	3.08	0.015	0.000	0.000	0.000
Mire/swamp marginal and inundation	Bog/bare peat/flush/spring	1.17	0.000	0.000	0.005	0.000
Open water	Reservoirs and lakes and margins	1.91	0.000	0.009	0.000	0.000
	River corridors	5.88	0.028	0.000	0.000	0.000
Coastland Mosaic	Mosaic	18.74	0.000	0.084	0.005	0.000
Coastland	Intertidal	56.62	0.267	0.000	0.000	0.000
	Maritime cliff and slope	0.52	0.002	0.000	0.000	0.000
Marine	Offshore shallow waters	4.88	0.023	0.000	0.000	0.000
TOTAL		1625.11	0.79	1.38	4.69	0.80

Table 10: South East Wales Local Authority Area Group – Evaluations

2018 Area

Type	Evaluation	25. Value	39. Opportunity	41. Sensitivity	42. Connectivity/Cohesion
South East Wales	Outstanding	166.64	2.66	8.52	97.48
South East Wales	High	293.46	74.15	155.34	278.63
South East Wales	Moderate	994.18	1395.08	647.74	793.96
South East Wales	Low	170.87	106.64	554.35	206.29
South East Wales	Unassessed	0.00	46.60	259.19	248.79
Total		1625.15	1625.13	1625.14	1625.15

Table 11: South East Wales Local Authority Area Group – Evaluations

2018 Percentages

Type	Evaluation	25. Value	39. Opportunity	41. Sensitivity	42. Connectivity/Cohesion
South East Wales	Outstanding	10.25%	0.16%	0.52%	6.00%
South East Wales	High	18.06%	4.56%	9.56%	17.14%
South East Wales	Moderate	61.17%	85.84%	39.86%	48.85%
South East Wales	Low	10.51%	6.56%	34.11%	12.69%
South East Wales	Unassessed	0.00%	2.87%	15.95%	15.31%
Total		100%	100%	100%	100%

Table 12: South East Wales Local Authority Area Group – Evaluations

2018 Area

Type	Evaluation	26. Condition	Type	Evaluation	27. Trend
South East Wales	Good	71.94	South East Wales	Improving	48.31
South East Wales	Fair	8.85	South East Wales	Constant	1490.89
South East Wales	Poor	9.92	South East Wales	Declining	85.93
South East Wales	Unassessed	1531.43	Total		1625.13
Total		1625.14			

Table 13: South East Wales Local Authority Area Group – Evaluations

2018 Percentages

Type	Evaluation	26. Condition
South East Wales	Good	4.42%
South East Wales	Fair	0.54%
South East Wales	Poor	0.61%
South East Wales	Unassessed	94.23%
Total		100%

Type	Evaluation	27. Trend
South East Wales	Improving	2.97%
South East Wales	Constant	91.74%
South East Wales	Declining	5.29%
Total		100%

Table 14: South Wales Central Local Authority Area Group – Level 2 and Level 3 classification by overall evaluation

Level 3	Level 2	Total Area (km)	Total % of LPA group area	Area (km2) by overall evaluation				Overall evaluation as a percentage			
Level 2 and Level 3 Classification				Outstanding	High	Moderate	Low	Outstanding	High	Moderate	Low
Dry Terrestrial Mosaic	Mosaic	364.84	27.78%	12.43	89.48	213.72	3.05	0.98%	7.06%	16.87%	0.24%
	Heathland Mosaic	14.43	1.14%	0.00	14.43	0.00	0.00	0.00%	1.14%	0.00%	0.00%
	Woodland and Scrub Mosaic	9.29	0.73%	2.72	5.60	0.97	0.00	0.21%	0.44%	0.08%	0.00%
	Grassland and marsh mosaic	78.73	6.21%	15.10	31	32.63	0.00	1.19%	2.45%	2.58%	0.00%
Woodland and scrub	Broadleaved woodland	25.49	2.01%	2.82	22.08	0.59	0.00	0.22%	1.74%	0.05%	0.00%
	Coniferous woodland	101.90	8.04%	0.00	27.51	63.70	10.69	0.00%	2.17%	5.03%	0.84%
	Mixed woodland	1.72	0.14%	0.00	0.00	1.72	0.00	0.00%	0.00%	0.14%	0.00%
Grassland and Marsh	Acid grassland	64.29	5.07%	0.00	57.89	6.41	0.00	0.00%	4.57%	0.51%	0.00%
	Calcareous grassland	2.35	0.19%	0.00	2.35	0.00	0.00	0.00%	0.19%	0.00%	0.00%
	Improved grassland	283.61	22.38%	5.39	36.46	228.23	13.53	0.43%	2.88%	18.01%	1.07%
	Marsh/marshy grassland	36.15	2.86%	10.01	19.90	6.25	0.00	0.79%	1.57%	0.49%	0.00%
Tall herb and fern	Bracken	4.06	0.32%	0.00	3.49	0.56	0.00	0.00%	0.28%	0.04%	0.00%
Heathland	Dwarf shrub heath	12.71	1%	0.00	12.71	0.00	0.00	0.00%	1.00%	0.00%	0.00%
Rock exposure and waste	Artificial exposures and waste tips	5.77	0.46%	0.00	0.00	0.00	5.77	0.00%	0.00%	0.00%	0.46%
Cultivated/disturbed land	Arable	7.02	0.56%	0.00	0.00	7.02	0.00	0.00%	0.00%	0.55%	0.00%
	Amenity grassland	0.99	0.08%	0.00	0.48	0.00	0.52	0.00%	0.04%	0.00%	0.04%
Built up areas	Industrial	13.45	1.06%	0.00	0.00	0.00	13.45	0.00%	0.00%	0.00%	1.06%
	Residential/green space	196.91	15.54%	0.00	0.00	69.55	127.36	0.00%	0.00%	5.49%	10.05%
Wet Terrestrial Mosaic	Mosaic	0.99	0.08%	0.00	0.65	0.34	0.00	0.00%	0.00%	0.03%	0.00%
Open Water	Reservoirs and lake margins	0.13	0.01%	0.00	0.00	0.13	0.00	0.00%	0.00%	0.01%	0.00%
	River corridors	13.44	1.06%	0.00	13.44	0.00	0.00	0.00%	1.06%	0.00%	0.00%
Coastal and Marine Mosaic	Coastland Mosaic	0.12	0.01%	0.00	0.12	0.00	0.00	0.00%	0.01%	0.00%	0.00%
	Mosaic, Mosaic	45.17	3.57%	0.12	41.98	3.06	0.00	0.01%	3.31%	0.24%	0.00%
Coastland	Intertidal	19.48	1.54%	11.62	6.16	1.71	0.00	0.92%	0.49%	0.13%	0.00%
	Sand dune	10.15	0.80%	10.15	0.00	0.00	0.00	0.80%	0.00%	0.00%	0.00%
TOTAL		1267.03	100%	70.36	385.73	636.59	174.36	5.55%	30.44%	50.24%	13.76%

Level 3	Level 2	Total Area (km)	Overall evaluation as a percentage of the overall area			
Level 2 and Level 3 Classification			Outstanding	High	Moderate	Low
Dry Terrestrial Mosaic	Mosaic	318.68	0.06%	0.42%	1.01%	0.01%
	Heathland Mosaic	14.43	0.000%	0.07%	0.00%	0.00%
	Woodland and Scrub	9.29	0.01%	0.03%	0.00%	0.00%
	Grassland and Marsh	78.73	0.07%	0.15%	0.15%	0.00%
Woodland and scrub	Broadleaved woodland	25.49	0.01%	0.10%	0.00%	0.00%
	Coniferous woodland	101.90	0.00%	0.13%	0.30%	0.05%
	Mixed woodland	1.72	0.00%	0.00%	0.01%	0.00%
Grassland and Marsh	Acid grassland	64.29	0.00%	0.27%	0.03%	0.00%
	Calcareous grassland	2.35	0.00%	0.01%	0.00%	0.00%
	Improved grassland	283.61	0.03%	0.17%	1.08%	0.06%
	Marsh/marshy grassland	36.15	0.05%	0.09%	0.03%	0.00%
Tall herb and fern	Bracken	4.06	0.00%	0.02%	0.00%	0.00%
Heathland	Dwarf shrub heath	12.71	0.00%	0.06%	0.00%	0.00%
Rock exposure and waste	Artificial exposures and waste tips	5.77	0.00%	0.00%	0.00%	0.03%
Cultivated/disturbed land	Arable	7.02	0.00%	0.00%	0.03%	0.00%
	Amenity grassland	0.99	0.00%	0.00%	0.00%	0.00%
Built up areas	Industrial	13.45	0.00%	0.00%	0.00%	0.06%
	Residential/green space	196.91	0.00%	0.00%	0.33%	0.60%
Wet Terrestrial Mosaic	Mosaic	0.99	0.00%	0.00%	0.00%	0.00%
Open water	Reservoirs and lakes and margins	0.13	0.00%	0.00%	0.00%	0.00%
	River corridors	13.44	0.00%	0.06%	0.00%	0.00%
Coastland and Marine Mosaic	Coastland Mosaic	0.12	0.00%	0.00%	0.00%	0.00%
	Mosaic, Mosaic	45.17	0.00%	0.20%	0.01%	0.00%
Coastland	Intertidal	19.48	0.05%	0.03%	0.01%	0.00%
	Sand dune	10.15	0.05%	0.00%	0.00%	0.00%
TOTAL		1267.03	0.33%	1.82%	3%	0.82%

Table 15: South Wales Central Local Authority Area Group – Evaluations

2018 Area

Type	Evaluation	25. Value	39. Opportunity	41. Sensitivity	42. Connectivity/Cohesion
South Wales Central	Outstanding	70.35	0.64	0.00	16.61
South Wales Central	High	385.73	121.52	190.17	218.80
South Wales Central	Moderate	636.59	883.92	589.38	562.65
South Wales Central	Low	174.36	59.30	304.77	322.33
South Wales Central	Unassessed	0.00	201.66	182.72	146.64
Total		1267.03	1267.04	1267.04	1267.03

Table 16: South Wales Central Local Authority Area Group – Evaluations

2018 Percentages

Type	Evaluation	25. Value	39. Opportunity	41. Sensitivity	42. Connectivity/Cohesion
South Wales Central	Outstanding	5.55%	0.05%	0.00%	1.31%
South Wales Central	High	30.44%	9.59%	15.01%	17.27%
South Wales Central	Moderate	50.24%	69.76%	46.52%	44.41%
South Wales Central	Low	13.76%	4.68%	24.05%	25.44%
South Wales Central	Unassessed	0.00%	15.92%	14.42%	11.57%
Total		100%	100%	100%	100%

Table 17: South Wales Central Local Authority Area Group – Evaluations

2018 Area

Type	Evaluation	26. Condition	Type	Evaluation	27. Trend
South Wales Central	Good	71.22	South Wales Central	Improving	49.29
South Wales Central	Fair	129.02	South Wales Central	Constant	1090.59
South Wales Central	Poor	43.17	South Wales Central	Declining	118.74
South Wales Central	Unassessed	1023.62	South Wales Central	Unassessed	8.42
Total		1267.03	Total		1267.04

Table 18: South Wales Central Local Authority Area Group – Evaluations

2018 Percentages

Type	Evaluation	26. Condition	Type	Evaluation	27. Trend
South Wales Central	Good	5.62%	South Wales Central	Improving	3.89%
South Wales Central	Fair	10.18%	South Wales Central	Constant	86.08%
South Wales Central	Poor	3.41%	South Wales Central	Declining	9.37%
South Wales Central	Unassessed	80.79%	South Wales Central	Unassessed	0.66%
Total		100%	Total		100%

Table 19: South West Wales Local Authority Area Group – Level 2 and Level 3 classification by overall evaluation

Level 3	Level 2	Total Area (km)	Total % of LPA group area	Area (km2) by overall evaluation				Overall evaluation as a percentage			
Level 2 and Level 3 Classification				Outstanding	High	Moderate	Low	Outstanding	High	Moderate	Low
Dry Terrestrial Mosaic	Mosaic	790.36	15.95	96.36	445.63	189.78	58.59	1.94	8.99	3.83	1.18
	Heathland Mosaic	39.54	0.80	14.75	19.76	5.02	0.00	0.30	0.40	0.10	0.00
	Woodland and Scrub Mosaic	157.66	3.18	6.04	60.89	90.73	0.00	0.12	1.23	1.83	0.00
	Grassland and marsh mosaic	581.81	11.74	10.56	404.51	154.79	11.94	0.21	8.16	3.12	0.24
Woodland and scrub	Broadleaved woodland	59.59	1.20	7.59	36.86	15.14	0.00	0.15	0.74	0.31	0.00
	Coniferous woodland	199.23	4.02	0.00	10.07	171.38	17.77	0.00	0.20	3.46	0.36
	Mixed woodland	64.78	1.31	0.00	39.53	25.25	0.00	0.00	0.80	0.51	0.00
	Parkland and scattered trees	3.21	0.06	0.00	3.21	0.00	0.00	0.00	0.06	0.00	0.00
	Recently felled woodland	0.68	0.01	0.00	0.00	0.00	0.00	0.68	0.00	0.00	0.01
Grassland and Marsh	Acid grassland	115.90	2.34	98.26	9.45	8.19	0.00	1.98	0.19	0.17	0.00
	Neutral grassland	16.25	0.33	15.28	0.00	0.97	0.00	0.31	0.00	0.02	0.00
	Improved grassland	2285.21	46.12	9.16	183.92	1948.37	143.76	0.18	3.71	39.32	2.90
	Marsh/marshy grassland	32.96	0.67	2.45	26.98	3.52	0.00	0.05	0.54	0.07	0.00
Tall herb and fern	Bracken	136.55	2.76	0.00	0.87	135.68	0.00	0.00	0.02	2.74	0.00
Heathland	Dwarf shrub heath	15.87	0.32	0.64	15.23	0.00	0.00	0.01	0.31	0.00	0.00
Rock exposure and waste	Artificial exposures and waste tips	12.24	0.25	0.00	7.98	0.00	4.26	0.00	0.16	0.00	0.09
Cultivated/disturbed land	Arable	9.54	0.19	0.00	0.00	0.00	9.54	0.00	0.00	0.00	0.19
Built up areas	Industrial	26.37	0.53	0.00	0	19.01	7.37	0.00	0.00	0.38	0.15
	Residential/green space	134.04	2.71	0.00		26.15	107.89	0.00	0.00	0.53	2.18
Wet Terrestrial Mosaic	Mire/Swamp, Marginal and Inundation Mosaic	0.85	0.02	0.00	0.85	0.00	0.00	0.00	0.02	0.00	0.00
	Mosaic	1.37	0.03	0.00	1.20	0.17	0.00	0.00	0.02	0.00	0.00
Mire/Swamp, Marginal and Inundation	Bog/ Bare Peat/Flush/Spring	2.20	0.04	1.64	0.57	0.00	0.00	0.03	0.01	0.00	0.00
	Fen/Swamp/Marginal/Inundation	4.22	0.09	2.99	1.01	0.22	0.00	0.06	0.02	0.00	0.00
Open Water	Reservoirs and lake margins	5.03	0.10	0.35	3.75	0.83	0.10	0.01	0.08	0.02	0.00
	River corridors	15.90	0.32	0.95	13.44	1.51	0.00	0.02	0.27	0.03	0.00
Coastal and Marine Mosaic	Mosaic	15.59	0.31	0	0.72	14.86	0.00	0.00	0.01	0.30	0.00
	Coastal Mosaic	35.69	0.72	26.85	8.54	0.31	0.00	0.54	0.17	0.01	0.00
Coastland	Intertidal	156.86	3.17	110.07	42.43	2.68	1.67	2.22	0.86	0.05	0.03
	Maritime Cliff and Slope	5.08	0.10	2.83	2.25	0.00	0.00	0.06	0.05	0.00	0.00
	Sand dune	30.50	0.62	22.61	7.28	0.61	0.00	0.46	0.15	0.01	0.00
TOTAL		4955.08	100%	429.38	1346.92	2815.17	363.57	8.67%	27.18%	56.81%	7.34%

Level 3	Level 2	Total Area (km)	Overall evaluation as a percentage of the overall area			
Level 2 and Level 3 Classification			Outstanding	High	Moderate	Low
Dry Terrestrial Mosaic	Mosaic	790.36	0.45	2.10	0.89	0.28
	Heathland	39.54	0.07	0.09	0.02	0.00
	Woodland and scrub	157.66	0.03	0.29	0.43	0.00
	Grassland and Marsh	581.81	0.05	1.91	0.73	0.06
Woodland and scrub	Broadleaved woodland	59.59	0.04	0.17	0.07	0.00
	Coniferous woodland	199.23	0.00	0.05	0.81	0.08
	Mixed woodland	64.78	0.00	0.19	0.12	0.00
	Parkland and scattered trees	3.21	0.00	0.02	0.00	0.00
	Recently felled woodland	0.68	0.00	0.00	0.00	0.00
Grassland and Marsh	Acid grassland	115.90	0.46	0.04	0.04	0.00
	Neutral grassland	16.25	0.07	0.00	0.00	0.00
	Improved grassland	2285.21	0.04	0.87	9.19	0.68
	Marsh/marshy grassland	32.96	0.01	0.13	0.02	0.00
Tall herb and fern	Bracken	136.55	0.00	0.00	0.64	0.00
Heathland	Dwarf shrub heath	15.87	0.00	0.07	0.00	0.00
Rock exposure and waste	Artificial exposures and waste tips	12.24	0.00	0.04	0.00	0.02
Cultivated/disturbed land	Arable	9.54	0.00	0.00	0.00	0.04
Built up areas	Industrial	26.37	0.00	0.00	0.09	0.03
	Residential/green space	134.04	0.00	0.00	0.12	0.51
Wet Terrestrial Mosaic	Mire/Swamp, Marginal and Inundation Mosaic	0.85	0.00	0.00	0.00	0.00
	Mosaic	1.37	0.00	0.01	0.00	0.00
Mire/Swamp, Marginal and Inundation	Bog/ Bare Peat/Flush/Spring	2.20	0.01	0.00	0.00	0.00
	Fen/Swamp/Marginal/Inundation	4.22	0.01	0.00	0.00	0.00
Open Water	Reservoirs and lakes and margins	5.03	0.00	0.02	0.00	0.00
	River corridors	15.90	0.00	0.06	0.01	0.00
Coastal and Marine Mosaic	Mosaic	15.59	0.00	0.00	0.07	0.00
	Coastal Mosaic	35.69	0.13	0.04	0.00	0.00
Coastland	Intertidal	156.86	0.52	0.20	0.01	0.01
	Maritime Cliff and Slope	5.08	0.01	0.01	0.00	0.00
	Sand dune	30.50	0.11	0.03	0.00	0.00
TOTAL		4955.08	2.02%	6.35%	13.27	1.71%

Table 20: South West Wales Local Authority Area Group – Evaluations

2018 Area

Type	Evaluation	25. Value	39. Opportunity	41. Sensitivity	42. Connectivity/Cohesion
South West Wales	Outstanding	429.4	1.14	5.09	9.40
South West Wales	High	1346.93	163.45	37.03	256.31
South West Wales	Moderate	2815.18	2157.79	973.05	834.02
South West Wales	Low	363.56	268.96	1560.81	1446.16
South West Wales	Unassessed	0.00	2363.74	2379.09	2409.19
Total		4955.07	4955.08	4955.07	4955.08

Table 21: South West Wales Local Authority Area Group – Evaluations

2018 Percentages

Type	Evaluation	25. Value	39. Opportunity	41. Sensitivity	42. Connectivity/Cohesion
South West Wales	Outstanding	8.67%	0.02%	0.10%	0.19%
South West Wales	High	27.18%	3.30%	0.75%	5.17%
South West Wales	Moderate	56.81%	43.55%	19.64%	16.83%
South West Wales	Low	7.34%	5.43%	31.50%	29.19%
South West Wales	Unassessed	0.00%	47.70%	48.01%	48.62%
Total		100%	100%	100%	100%

Table 22: South West Wales Local Authority Area Group – Evaluations

2018 Area

Type	Evaluation	26. Condition	Type	Evaluation	27. Trend
South West Wales	Good	129.56	South West Wales	Improving	34.05
South West Wales	Fair	23.14	South West Wales	Constant	3886.39
South West Wales	Poor	12.77	South West Wales	Declining	1034.64
South West Wales	Unassessed	4789.60	Total		4955.07
Total		4955.07			

Table 23: South West Wales Local Authority Area Group – Evaluations

2018 Percentages

Type	Evaluation	26. Condition	Type	Evaluation	27. Trend
South West Wales	Good	2.61%	South West Wales	Improving	0.69%
South West Wales	Fair	0.47%	South West Wales	Constant	78.43%
South West Wales	Poor	0.26%	South West Wales	Declining	20.88%
South West Wales	Unassessed	96.66%	Total		100%%
Total		100%			

Table 24: Mid Wales Local Authority Area Group – Level 2 and Level 3 classification by overall evaluation

Level 3	Level 2	Total Area (km)	Total % of LPA group area	Area (km2) by overall evaluation				Overall evaluation as a percentage			
Level 2 and Level 3 Classification				Outstanding	High	Moderate	Low	Outstanding	High	Moderate	Low
Dry Terrestrial Mosaic	Mosaic	1572.28	22.43	333.78	731.39	475.95	31.15	4.76	10.44	6.79	0.44
	Built up area Mosaic	10.44	0.15	0.00	0.00	9.21	1.22	0.00	0.00	0.13	0.02
	Woodland and Scrub Mosaic	1056.76	15.08	222.60	556.85	272.90	4.41	3.18	7.95	3.89	0.06
	Grassland and marsh mosaic	35.65	0.51	21.17	3.44	11.03	0.00	0.30	0.05	0.16	0.00
Woodland and scrub	Broadleaved woodland	31.07	0.44	17.43	12.76	0.88	0.00	0.25	0.18	0.01	0.00
	Coniferous woodland	487.16	6.95	0.69	93.32	250.96	142.18	0.01	1.33	3.58	2.03
	Mixed woodland	8.92	0.13	0.00	6.99	1.94	0.00	0.00	0.10	0.03	0.00
	Parkland and scattered trees	0.60	0.01	0.00	0.00	0.60	0.00	0.00	0.00	0.01	0.00
Grassland and Marsh	Acid grassland	152.91	2.18	0.00	42.78	4.55	105.59	0.00	0.61	0.06	1.51
	Neutral grassland	0.60	0.01	0.00	0.60	0.00	0.00	0.00	0.01	0.00	0.00
	Improved grassland	3068.79	43.79	1.24	810.33	1953.47	303.74	0.02	11.56	27.87	4.33
	Marsh/marshy grassland	284.05	4.05	172.08	111.55	0.42	0.00	2.46	1.59	0.01	0.00
Tall herb and fern	Bracken	72.15	1.03	6.95	63.66	1.14	0.40	0.10	0.91	0.02	0.01
Heathland	Dwarf shrub heath	108.76	1.55	72.25	36.50	0.00	0.00	1.03	0.52	0.00	0.00
Built up areas	Industrial	0.34	0.00	0.00		0.00	0.34	0.00	0.00	0.00	0.00
	Residential/green space	50.06	0.71	0.00	21.71	12.80	15.55	0.00	0.31	0.18	0.22
Wet Terrestrial Mosaic	Mire/Swamp, Marginal and Inundation Mosaic	22.42	0.32	12.88	9.55	0.00	0.00	0.18	0.14	0.00	0.00
	Mosaic	9.50	0.14	9.50	0.00	0.00	0.00	0.14	0.00	0.00	0.00
Mire/Swamp, Marginal and Inundation	Bog/ Bare Peat/Flush/Spring	8.58	0.12	8.58	0.00	0.00	0.00	0.12	0.00	0.00	0.00
Open Water	Reservoirs and lake margins	11.46	0.16	1.39	5.67	4.40	0.00	0.02	0.08	0.06	0.00
Coastland	Intertidal	8.96	0.13	8.96	0.00	0.00	0.00	0.13	0.00	0.00	0.00
	Sand dune	1.07	0.02	1.07	0.00	0.00	0.00	0.02	0.00	0.00	0.00
Marine	Offshore shallow waters	6.09	0.09	6.09	0.00	0.00	0.00	0.09	0.00	0.00	0.00
TOTAL		7008.62	100%	896.66	2507.08	3000.26	604.59	12.81%	35.78%	42.8%	8.62%

Level 3	Level 2	Total Area (km)	Overall evaluation as a percentage of the overall area			
Level 2 and Level 3 Classification			Outstanding	High	Moderate	Low
Dry Terrestrial Mosaic	Mosaic	1572.28	1.57	3.45	2.24	0.15
	Built Up Area	10.44	0.00	0.00	0.04	0.01
	Grassland and marsh	1056.76	1.05	2.63	1.29	0.02
	Woodland and scrub	35.65	0.10	0.02	0.05	0.00
Woodland and scrub	Broadleaved woodland	31.07	0.08	0.06	0.00	0.00
	Coniferous woodland	487.16	0.00	0.44	1.18	0.67
	Mixed woodland	8.92	0.00	0.03	0.01	0.00
	Parkland and scattered trees	0.60	0.00	0.00	0.00	0.00
Grassland and Marsh	Acid grassland	152.91	0.00	0.20	0.02	0.50
	Neutral grassland	0.60	0.00	0.00	0.00	0.00
	Improved grassland	3068.79	0.01	3.82	9.21	1.43
	Marsh/marshy grassland	284.05	0.81	0.53	0.00	0.00
Tall herb and fern	Bracken	72.15	0.03	0.30	0.01	0.00
Heathland	Dwarf shrub heath	108.76	0.34	0.17	0.00	0.00
Built up areas	Industrial	0.34	0.00	0.00	0.00	0.00
	Residential/green space	50.06	0.00	0.10	0.06	0.07
Wet Terrestrial Mosaic	Mire/Swamp, Marginal and Inundation Mosaic	22.42	0.06	0.05	0.00	0.00
	Mosaic	9.50	0.04	0.00	0.00	0.00
Mire/Swamp, Marginal and Inundation	Bog/ Bare Peat/Flush/Spring	8.58	0.04	0.00	0.00	0.00
Open Water	Reservoirs and lakes and margins	11.46	0.01	0.03	0.02	0.00
Coastland	Intertidal	8.96	0.04	0.00	0.00	0.00
	Sand dune	1.07	0.01	0.00	0.00	0.00
Marine	Offshore shallow waters	6.09	0.03	0.00	0.00	0.00
TOTAL		4955.08	4.22%	11.83%	14.13%	2.85%

Table 25: Mid Wales Local Authority Area Group – Evaluations

2018 Area

Type	Evaluation	25. Value	39. Opportunity	41. Sensitivity	42. Connectivity/Cohesion
Mid Wales	Outstanding	1002.24	128.77	116.43	513.36
Mid Wales	High	2507.08	1818.04	96.18	1657.79
Mid Wales	Moderate	3000.26	2827.55	763.46	2422.94
Mid Wales	Low	499.00	234.42	183.40	626.85
Mid Wales	Unassessed	0.00	1999.81	5849.11	1787.65
Total		7008.58	7008.59	7008.58	7008.59

Table 26: Mid Wales Local Authority Area Group – Evaluations

2018 Percentages

Type	Evaluation	25. Value	39. Opportunity	41. Sensitivity	42. Connectivity/Cohesion
Mid Wales	Outstanding	14.30	1.84	1.66	7.32
Mid Wales	High	35.77	25.94	1.37	23.65
Mid Wales	Moderate	42.81	40.34	10.89	34.57
Mid Wales	Low	7.12	3.34	2.62	8.94
Mid Wales	Unassessed	0.00%	28.53	83.46	34.57
Total		100%	100%	100%	100%

Table 27: Mid Wales Local Authority Area Group – Evaluations

2018 Area

Type	Evaluation	26. Condition	Type	Evaluation	27. Trend
Mid Wales	Good	376.63	Mid Wales	Improving	84.07
Mid Wales	Fair	1125.18	Mid Wales	Constant	6111.33
Mid Wales	Poor	87.48	Mid Wales	Declining	813.19
Mid Wales	Unassessed	5419.30	Total		7008.59
Total		7008.59			

Table 28: Mid Wales Local Authority Area Group – Evaluations

2018 Percentages

Type	Evaluation	26. Condition	Type	Evaluation	27. Trend
Mid Wales	Good	5.37%	Mid Wales	Improving	1.20%
Mid Wales	Fair	16.05%	Mid Wales	Constant	87.20%
Mid Wales	Poor	1.25%	Mid Wales	Declining	11.60%
Mid Wales	Unassessed	77.32%	Total		100%
Total		100%			

Table 29: North East Wales Local Authority Area Group – Level 2 and Level 3 classification by overall evaluation

Level 3	Level 2	Total Area (km)	Total % of LPA group area	Area (km2) by overall evaluation				Overall evaluation as a percentage			
Level 2 and Level 3 Classification				Outstanding	High	Moderate	Low	Outstanding	High	Moderate	Low
Dry Terrestrial Mosaic	Mosaic	469.88	25.54	179.02	193.56	79.65	17.65	9.73	10.52	4.33	0.96
	Cultivated/disturbed Mosaic	0.37	0.02	0.00	0.37	0.00	0.00	0.00	0.02	0.00	0.00
	Woodland and Scrub Mosaic	29.90	1.63	9.46	16.91	2.28	1.26	0.51	0.92	0.12	0.07
	Heathland Mosaic	37.85	2.06	37.85	0.00	0.00	0.00	2.06	0.00	0.00	0.00
	Grassland and marsh mosaic	107.32	5.83	0.00	27.90	79.42	0.00	0.00	1.52	4.32	0.00
Woodland and scrub	Broadleaved woodland	4.38	0.24	0.21	2.95	1.21	0.00	0.01	0.16	0.07	0.00
	Coniferous woodland	77.02	4.19	0.00	34.88	17.64	24.50	0.00	1.90	0.96	1.33
	Mixed woodland	4.14	0.23	0.00	0.50	0.00	3.63	0.00	0.03	0.00	0.20
Grassland and Marsh	Improved grassland	864.30	46.98	0.97	310.09	535.48	17.76	0.05	16.86	29.11	0.97
Heathland	Dwarf shrub heath	54.12	2.94	53.70	0.42	0.00	0.00	2.92	0.02	0.00	0.00
Rock Exposure and Waste	Natural inland cliff	2.00	0.11	2.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00
Cultivated and Disturbed Land	Amenity grassland	1.59	0.09	0.00	0.77	0.00	0.82	0.00	0.04	0.00	0.04
Built up areas	Industrial	9.20	0.50	0.00	4.58	0.00	4.62	0.00	0.25	0.00	0.25
	Residential/green space	102.89	5.59	0.00	24.07	17.33	61.49	0.00	1.31	0.94	3.34
Wet Terrestrial Mosaic	Mosaic	0.95	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.05	0.00
Open Water	Reservoirs and lake margins	1.75	0.10	0.00	0.00	0.12	1.63	0.00	0.00	0.01	0.09
Coastland and Marine Mosaic	Mosaic	60.36	3.28	60.36	0.00	0.00	0.00	3.28	0.00	0.00	0.00
Coastland	Intertidal	8.50	0.46	0.00	2.13	6.36	0.00	0.00	0.12	0.35	0.00
	Sand dune	3.06	0.17	3.06	0.00	0.00	0.00	0.17	0.00	0.00	0.00
TOTAL		1839.58	100%	346.63	619.13	740.44	133.36	18.84%	33.67%	40.26%	7.25%

Level 3	Level 2	Total Area (km)	Overall evaluation as a percentage of the overall area			
Level 2 and Level 3 Classification			Outstanding	High	Moderate	Low
Dry Terrestrial Mosaic	Mosaic	469.88	0.84	0.91	0.38	0.08
	Cultivated/disturbed Mosaic	0.37	0.00	0.00	0.00	0.00
	Woodland and Scrub Mosaic	29.90	0.04	0.08	0.01	0.01
	Heathland Mosaic	37.85	0.18	0.00	0.00	0.00
	Grassland and Marsh Mosaic	107.32	0.00	0.13	0.37	0.00
Woodland and scrub	Broadleaved woodland	4.38	0.00	0.01	0.01	0.00
	Coniferous woodland	77.02	0.00	0.16	0.08	0.12
	Mixed woodland	4.14	0.00	0.00	0.00	0.02
Grassland and Marsh	Improved grassland	864.30	0.00	1.46	2.52	0.08
	Heathland	54.12	0.25	0.00	0.00	0.00
Rock Exposure and Waste	Natural inland cliff	2.00	0.01	0.00	0.00	0.00
Cultivated and Disturbed Land	Amenity grassland	1.59	0.00	0.00	0.00	0.00
Built up areas	Industrial	9.20	0.00	0.02	0.00	0.02
	Residential/green space	102.89	0.00	0.11	0.08	0.29
Wet Terrestrial Mosaic	Mosaic	0.95	0.00	0.00	0.00	0.00
Open Water	Reservoirs and lakes and margins	1.75	0.00	0.00	0.00	0.01
Coastland and Marine Mosaic	Mosaic	60.36	0.28	0.00	0.00	0.00
Coastland	Intertidal	8.50	0.00	0.01	0.03	0.00
	Sand dune	3.06	0.01	0.00	0.00	0.00
TOTAL		1839.58	4.22%	1.63	2.92	3.49

Table 29 North East Wales Local Authority Area Group – Evaluations

2018 Area

Type	Evaluation	25. Value	39. Opportunity	41. Sensitivity	42. Connectivity/Cohesion
North East Wales	Outstanding	346.63	196.18	13.14	308.25
North East Wales	High	614.55	812.42	328.15	555.30
North East Wales	Moderate	748.69	791.34	497.81	796.49
North East Wales	Low	129.70	38.05	397.23	158.35
North East Wales	Unassessed	0.00	1.59	603.25	21.19
Total		1839.57	1839.58	1839.58	1839.58

Table 30: North East Wales Local Authority Area Group – Evaluations

2018 Percentages

Type	Evaluation	25. Value	39. Opportunity	41. Sensitivity	42. Connectivity/Cohesion
North East Wales	Outstanding	14.30	1.84	1.66	7.32
North East Wales	High	35.77	25.94	1.37	23.65
North East Wales	Moderate	42.81	40.34	10.89	34.57
North East Wales	Low	7.12	3.34	2.62	8.94
North East Wales	Unassessed	0.00%	28.53	83.46	34.57
Total		100%	100%	100%	100%

Table 31: North East Wales Local Authority Area Group – Evaluations

2018 Area

Type	Evaluation	26. Condition	Type	Evaluation	27. Trend
North East Wales	Good	41.52	North East Wales	Improving	104.46
North East Wales	Fair	56.96	North East Wales	Constant	1560.93
North East Wales	Poor	10.7	North East Wales	Declining	174.18
North East Wales	Unassessed	1730.4	Total		1839.58
Total		1839.58			

Table 32: North East Wales Local Authority Area Group – Evaluations

2018 Percentages

Type	Evaluation	26. Condition	Type	Evaluation	27. Trend
North East Wales	Good	2.26	North East Wales	Improving	5.68
North East Wales	Fair	3.10	North East Wales	Constant	84.85
North East Wales	Poor	0.58	North East Wales	Declining	9.47
North East Wales	Unassessed	94.07	Total		100%
Total		100%			

Table 33: North West Wales Local Authority Area Group – Level 2 and Level 3 classification by overall evaluation

Level 3	Level 2	Total Area (km)	Total area as % of Wales	Area (km2) by overall evaluation					Overall evaluation as a percentage				
Level 2 and Level 3 Classification				Outstanding	High	Moderate	Low	Unassessed	Outstanding	High	Moderate	Low	Unassessed
Dry Terrestrial Mosaic	Mosaic	933.94	20.70	455.40	198.74	164.54	114.69	0.57	5.343%	8.246%	6.192%	1.086%	0.013%
	Heathland Mosaic	10.77	0.24	7.65	3.13	0.00	0.00	0.00	0.284%	0.132%	0.041%	0.000%	0.000%
	Woodland and Scrub	9.39	0.21	0.00	4.26	1.42	4.26	0.00	0.215%	0.482%	0.685%	0.023%	0.000%
	Grassland and Marsh	0.96	0.02	0.00	0.00	0.96	0.00	0.00	1.278%	5.294%	3.426%	0.123%	0.000%
	Rock Exposure and Waste	196.28	4.35	14.40	69.90	99.65	8.87	3.46	0.000%	0.000%	0.005%	0.000%	0.077%
Woodland and scrub	Broadleaved woodland	77.09	1.71	40.77	30.21	6.11	0.00	0.00	0.346%	0.5745	0.142%	0.000%	0.013%
	Coniferous woodland	337.33	7.48	19.22	82.90	88.90	146.32	0.00	0.094%	1.28%	3.004%	1.637%	0.000%
	Mixed woodland	19.00	0.42	3.26	12.77	2.97	0.00	0.00	0.015%	0.303%	0.184%	0.000%	0.000%
	Scrub	0.16	0.00	0.00	0.00	0.16	0.00	0.00	0.000%	0.000%	0.001%	0.000%	0.000%
	Recently felled woodland	6.20	0.14	0.00	0.48	0.00	5.73	0.00	0.000%	0.002%	0.000%	0.030%	0.000%
Grassland and Marsh	Acid grassland	364.03	8.07	137.67	96.99	125.94	3.44	0.00	1.618%	1.044%	0.753%	0.016%	0.000%
	Neutral grassland	4.43	0.10	0.00	3.74	0.69		0.00	0.072%	0.026%	0.008%	0.000%	0.000%
	Improved grassland	1819.25	40.32	0.63	76.98	1367.99	373.65	0.00	0.127%	6.915%	30.953%	4.136%	0.000%
	Marsh/marshy grassland	30.97	0.69	7.31	21.70	1.32	0.65	0.00	0.905%	0.881%	0.058%	0.003%	0.000%
Tall herb and fern	Bracken	0.77	0.02	0.00		0.51	0.27	0.00	0.033%	0.367%	0.737%	0.003%	0.000%
Heathland	Dwarf shrub heath	121.82	2.70	106.09	12.20	3.53	0.00	0.00	1.114%	0.456%	0.023%	0.000%	0.000%
	Montane/lichen/bryophyte heath	5.82	0.13	0.00	5.82	0.00	0.00	0.00	0.000%	0.0275	0.000%	0.000%	0.000%
Rock exposure and waste	Artificial exposures and waste tips	18.08	0.40	0.00	4.63	5.20	8.25	0.00	0.009%	0.000%	0.000%	0.000%	0.000%
Cultivated/disturbed land	Amenity grassland	1.84	0.04	0.00	0.00	1.30	0.54	0.00	0.000%	0.000%	0.069%	0.074%	0.000%
Built up areas	Industrial	0.80	0.02	0.00	0.00		0.80	0.00	0.000%	0.000%	0.135%	0.191%	0.000%
	Residential/green space	73.13	1.62	0.00	0.00	16.63	56.50	0.00	0.000%	0.216%	0.821%	2.263%	0.000%
Wet Terrestrial Mosaic	Mire/Swamp, Marginal and Inundation, Mosaic	4.96	0.11	4.12		0.84	0.00	0.00	0.081%	0.069%	0.023%	0.000%	0.000%
	Mosaic	7.88	0.17	1.21	3.26	3.42	0.00	0.00	0.064%	0.004%	0.004%	0.000%	0.000%
Mire/swamp marginal and inundation	Bog/bare peat/flush/spring	221.10	4.90	201.67	1.29	18.14	0.00	0.00	0.999%	0.009%	0.091%	0.000%	0.000%
	Fen/swamp/marginal/inundation	4.31	0.10	3.10	1.22		0.00	0.00	0.029%	0.011%	0.001%	0.000%	0.000%
Open water	Reservoirs and lakes and margins	31.11	0.69	6.38	9.76	7.57	7.40	0.00	0.038%	0.090%	0.062%	0.043%	0.000%
	River corridors	7.08	0.16		2.66	4.42	0.00	0.00	0.032%	0.139%	0.028%	0.000%	0.000%
Coastal and Marine Mosaic	Coastland Mosaic	11.32	0.25	6.62	3.33	1.37	0.00	0.00	0.442%	0.056%	0.008%	0.000%	0.000%
	Mosaic, Mosaic	25.87	0.57	8.85	15.64	1.38	0.00	0.00	0.042%	0.359%	0.096%	0.000%	0.000%
Coastland	Intertidal	130.13	2.88	91.19	36.97	1.47	0.49	0.00	1.313%	0.414%	0.058%	0.010%	0.000%
	Sand dune	28.37	0.63	19.95	6.16	2.25	0.00	0.00	0.268%	0.063%	0.013%	0.000%	0.000%
	Maritime cliff and slope	8.15	0.18	5.52	1.43	1.20	0.00	0.00	0.042%	0.017%	0.006%	0.000%	0.000%
Total		4512.34	100%	1141.01	706.17	1929.88	731.86	4.03	25.29%	15.65%	42.77%	16.22%	0.09%

Level 3	Level 2	Total Area (km)	% by overall evaluation of Wales				
Level 2 and Level 3 Classification			Outstanding	High	Moderate	Low	Unassessed
Dry Terrestrial Mosaic	Mosaic	933.94	2.15%	0.94%	0.78%	0.54	0.00
	Heathland Mosaic	10.77	0.04%	0.01%	0.00%	0.00	0.00
	Woodland and Scrub	9.39	0.00%	0.02%	0.01%	0.02	0.00
	Grassland and Marsh	0.96	0.00%	0.00%	0.00%	0.00	0.00
	Rock Exposure and Waste	196.28	0.07%	0.33%	0.47%	0.04	0.02
Woodland and scrub	Broadleaved woodland	77.09	0.19%	0.14%	0.03%	0.00	0.00
	Coniferous woodland	337.33	0.09%	0.39%	0.42%	0.69	0.00
	Mixed woodland	19.00	0.02%	0.06%	0.01%	0.00	0.00
	Scrub	0.16	0.00%	0.00%	0.00%	0.00	0.00
	Recently felled woodland	6.20	0.00%	0.00%	0.00%	0.03	0.00
Grassland and Marsh	Acid grassland	364.03	0.65%	0.46%	0.59%	0.02	0.00
	Neutral grassland	4.43	0.00%	0.02%	0.00%	0.00	0.00
	Improved grassland	1819.25	0.00%	0.36%	6.45%	1.76	0.00
	Marsh/marshy grassland	30.97	0.03%	0.10%	0.01%	0.00	0.00
Tall herb and fern	Bracken	0.77	0.00%	0.00%	0.00%	0.00	0.00
Heathland	Dwarf shrub heath	121.82	0.50%	0.06%	0.02%	0.00	0.00
	Montane/lichen/bryophyte heath	5.82	0.00%	0.03%	0.00%	0.00	0.00
Rock exposure and waste	Artificial exposures and waste tips	18.08	0.00%	0.02%	0.02%	0.04	0.00
Cultivated/disturbed land	Amenity grassland	1.84	0.00%	0.00%	0.01%	0.00	0.00
Built up areas	Industrial	0.80	0.00%	0.00%	0.00%	0.00	0.00
	Residential/green space	73.13	0.00%	0.00%	0.08%	0.27	0.00
Wet Terrestrial Mosaic	Mosaic	4.96	0.02%	0.00%	0.00%	0.00	0.00
	Mire/Swamp, Marginal and Inundation, Mosaic	7.88	0.01%	0.02%	0.02%	0.00	0.00
Mire/swamp marginal and inundation	Bog/bare peat/flush/spring	221.10	0.95%	0.01%	0.09%	0.00	0.00
	Fen/swamp/marginal/inundation	4.31	0.01%	0.01%	0.00%	0.00	0.00
Open water	Reservoirs and lakes and margins	31.11	0.03%	0.05%	0.04%	0.03	0.00
	River corridors	7.08	0.00%	0.01%	0.02%	0.00	0.00
Coastal and Marine Mosaic	Coastland Mosaic	11.32	0.03%	0.02%	0.01%	0.00	0.00
	Mosaic, Mosaic	25.87	0.04%	0.075	0.01%	0.00	0.00
Coastland	Intertidal	130.13	0.43%	0.17%	0.01%	0.00	0.00
	Sand dune	28.37	0.09%	0.03%	0.01%	0.00	0.00
	Maritime cliff and slope	8.15	0.03%	0.01%	0.01%	0.00	0.00
Total		4512.36	5.38%	3.33%	9.10%	3.45	0.02

Table 34 North West Wales Local Authority Area Group – Evaluations

2018 Area

Type	Evaluation	25. Value	39. Opportunity	41. Sensitivity	42. Connectivity/Cohesion
North West Wales	Outstanding	1140.98	28.87	2.32	76.17
North West Wales	High	706.16	188.93	161.27	674.32
North West Wales	Moderate	1929.88	2713.82	1844.99	963.82
North West Wales	Low	731.30	281.90	278.37	409.49
North West Wales	Unassessed	4.04	1298.83	2225.42	2388.55
Total		4512.36	4512.35	4512.37	4512.35

Table 35: North West Wales Local Authority Area Group – Evaluations

2018 Percentages

Type	Evaluation	25. Value	39. Opportunity	41. Sensitivity	42. Connectivity/Cohesion
North West Wales	Outstanding	25.29	0.64	0.05	1.69
North West Wales	High	15.65	4.19	3.57	14.94
North West Wales	Moderate	42.77	60.14	40.89	21.36
North West Wales	Low	16.21	6.25	6.17	9.07
North West Wales	Unassessed	0.09	28.78	49.32	52.93
Total		100%	100%	100%	100%

Table 36: North West Wales Local Authority Area Group – Evaluations

2018 Area

Type	Evaluation	26. Condition	Type	Evaluation	27. Trend
North West Wales	Good	540.21	North West Wales	Improving	431.48
North West Wales	Fair	296.97	North West Wales	Constant	3636.85
North West Wales	Poor	118.87	North West Wales	Declining	444.04
North West Wales	Unassessed	3556.32	Total		4512.37
Total		4512.37			

Table 37: North West Wales Local Authority Area Group – Evaluations

2018 Percentages

Type	Evaluation	26. Condition	Type	Evaluation	27. Trend
North West Wales	Good	11.97%	North West Wales	Improving	9.56%
North West Wales	Fair	6.58%	North West Wales	Constant	80.60%
North West Wales	Poor	2.63%	North West Wales	Declining	9.84%
North West Wales	Unassessed	78.81%	Total		100%
Total		100%			

Data Archive Appendix

No data outputs were produced as part of this project.

The data archive contains:

[A] The final report in Microsoft Word and Adobe PDF formats available from

<https://cyfoethnaturiolcymru.sharepoint.com/:f:/r/teams/advice/Landscape/Indmon/Landscape%20Habitats/Evidence?csf=1>



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