LAU 39: HILLTOP ABOVE GELLI-DEG

Susceptibility to Wind and Solar development

Combined summary of landscape susceptibility

Criteria	Description	Score		
Landscape susceptibility		Low	Med	High
Scale	Large scale			
Landform	Undulating plateau at top of hill			
Landcover	Upland grazing with well-maintained hedgerow boundaries			
Built environment	Scattered farmsteads			
Visual susceptibility				
Skylines and settings	Undulating landscape enclosed by woodland with few prominent skylines.			
Movement	Rare human activity			
Visibility, quality of views	An exposed landscape but with limited public access, meaning views in are more common than views out.			
Views in/out	Attractive and detractive views both in and out.			
Typical receptors	Land workers and farm residents. Recreational users of the surrounding uplands.			
Scenic quality and character	High scenic quality, moderate landscape character and high integrity.			

Criteria	Description	Score		
Value		Low	Med	High
Landscape value (designations)	Small area of SINC relating to heathland extending in from northern boundary.			
Visual/sensory	LANDMAP overall evaluation			
Historic value	LANDMAP overall evaluation			
Habitats value	LANDMAP overall evaluation			
Geological value	LANDMAP overall evaluation			
Visual value (key views/vistas)	None			
Aesthetic, perceptual, experiential	A moderate sense of place, perceptual qualities not recorded.			

Landscape Sensitivity

Summary of Sensitivity - Wind	Assessed Sensitivity				
	V Low	Low	Med	High	V High
The assessment identifies that the landscape is of high sensitivity, the landscape character of the area would be able to accommodate development of this type in limited situations.					

Summary of Sensitivity - Solar	Assessed Sensitivity				
	V Low	Low	Med	High	V High
The landscape is assessed as of high sensitivity with a low tolerance to change of this type.					

Guidance on Siting

The following advice should be considered for renewables development within this landscape unit:

Wind turbines

- Consider using existing woodland to partially screen wind turbines from wider views.

Solar PV

- Consider using existing woodland and field boundaries to screen solar development from wider views.
- Avoid siting within SINC unless land management can be consistent with and support conservation objectives.

Any development should be subject to a detailed environmental impact assessment including landscape, cultural heritage and biodiversity as a minimum.

Landscape capacity

Total area of LAU: 95 Ha.

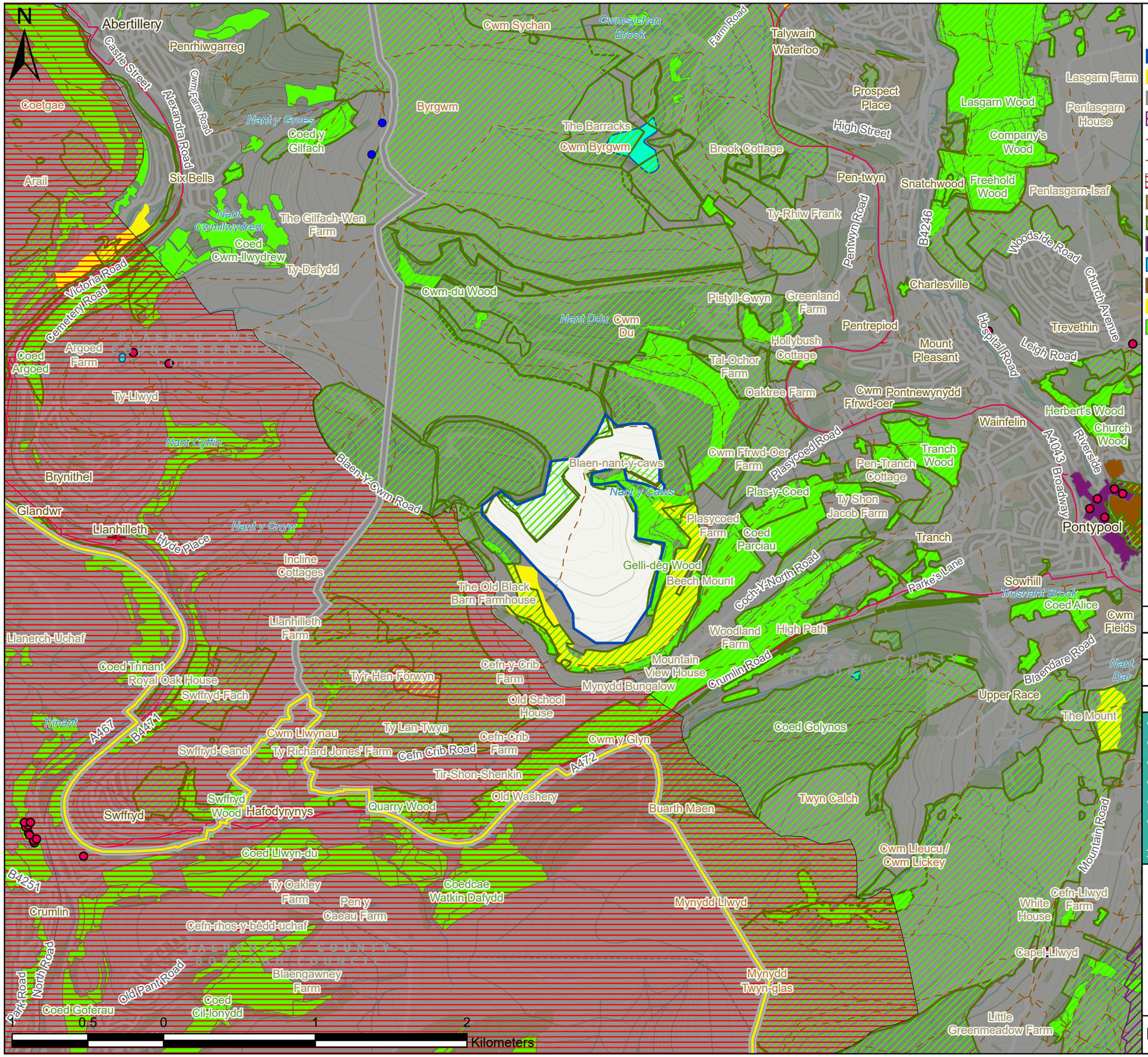
Wind turbines

There is no existing wind turbine development in the area. The area has high sensitivity to wind development. When proposing turbine development consideration should be given to existing relatively intensive productive land use and how the two uses can be combined to maintain the existing landscape character. No more than a single turbine could be accommodated in this area, and consideration given to any cumulative effects with surrounding landscape units.

Solar PV

There is currently no solar farm development within this landscape unit. The landscape sensitivity is high. Given the small size and relatively contained character of the area, medium scale solar development may be possible, where there is not a conflict with the existing land use and following the guidance above.

For Local Landscape Constraints see Figure 7.39.1



V.	S.	Date	Description	B.	C.	A.
P3	FI	28/10/2021	Client feedback	TW	ZS	LC
P2	FI	06/07/2021	Client feedback	TW	ZS	LC
P1	S3	10/06/2021	First issue	TW	ZS	LC

• Environmental Consultants
• Planners
• Landscape Architects
• Landscape Managers
• Urban Designers
• Ecologists

TACP

10 Park Grove, Cardiff, CF10 3BN • 02920 228966 • admin@tacp.co.uk

Blaenau Gwent and Torfaen County Borough Councils

Sensitivity and Capacity Study for Renewable Energy Development

Figure 7.39.1

LAU 39 Landscape Constraints (Sheet 1 of 1)

Drawing no.:	61007_DWG_F7-39-1LAU39

Scale: 1:25,000 (Printed at A3)

LAU 40: WESTERN SLOPES OF MYNYDD HENLLYS

Susceptibility to Wind and Solar development

Combined summary of landscape susceptibility

Criteria	Description	Score		
Landscape susceptibility		Low	Med	High
Scale	Medium scale		■	
Landform	Undulating hillside		■	
Landcover	Upland forestry and pasture with outgrown hedgerows.		■	
Built environment	Scattered farmsteads, Cwmcarn forest drive along western boundary.			■
Visual susceptibility				
Skylines and settings	Undulating landscape enclosed by woodland with ridge forming skylines in neighbouring landscape area.		■	
Movement	Frequent human activity	■		
Visibility, quality of views	An open publicly accessible landscape largely enclosed by forestry, limiting views in and out depending on state of rotation/direction of view.	■		
Views in/out	Occasional attractive and detractive views both in and out.		■	
Typical receptors	Recreational users (open access land, roads and PRoW), land workers.			■
Scenic quality and character	High scenic quality, moderate landscape character and high integrity.			■

Criteria	Description	Score		
Value		Low	Med	High
Landscape value (designations)	Ancient woodland (PAWS) sites all along western boundary.		■	
Visual/sensory	LANDMAP overall evaluation			■
Historic value	LANDMAP overall evaluation		■	
Habitats value	LANDMAP overall evaluation		■	
Geological value	LANDMAP overall evaluation			■
Visual value (key views/vistas)	Potential intervisibility with Twm-Barlwm Mound SM on hilltop to south	■		
Aesthetic, perceptual, experiential	A moderate sense of place, perceptual qualities not recorded.		■	

Landscape Sensitivity

Summary of Sensitivity - Wind	Assessed Sensitivity				
	V Low	Low	Med	High	V High
The assessment identifies that the landscape is of high sensitivity, the landscape character of the area would be able to accommodate development of this type in limited situations.				■	

Summary of Sensitivity - Solar	Assessed Sensitivity				
	V Low	Low	Med	High	V High
The landscape is assessed as of high sensitivity with a low tolerance to change of this type.				■	

Guidance on Siting

The following advice should be considered for renewables development within this landscape unit:

Wind turbines

- Consider using existing woodland to partially screen wind turbines from wider views.
- Consider aligning windfarms with existing access roads to minimise additional infrastructure.

Solar PV

- Consider using existing woodland and field boundaries to screen solar development from wider views and seek opportunities to enhance these.
- Consider using topography to site solar development where views will be minimised.

Any development should be subject to a detailed environmental impact assessment including landscape, cultural heritage and biodiversity as a minimum.

Landscape capacity

Total area of LAU: 156 Ha.

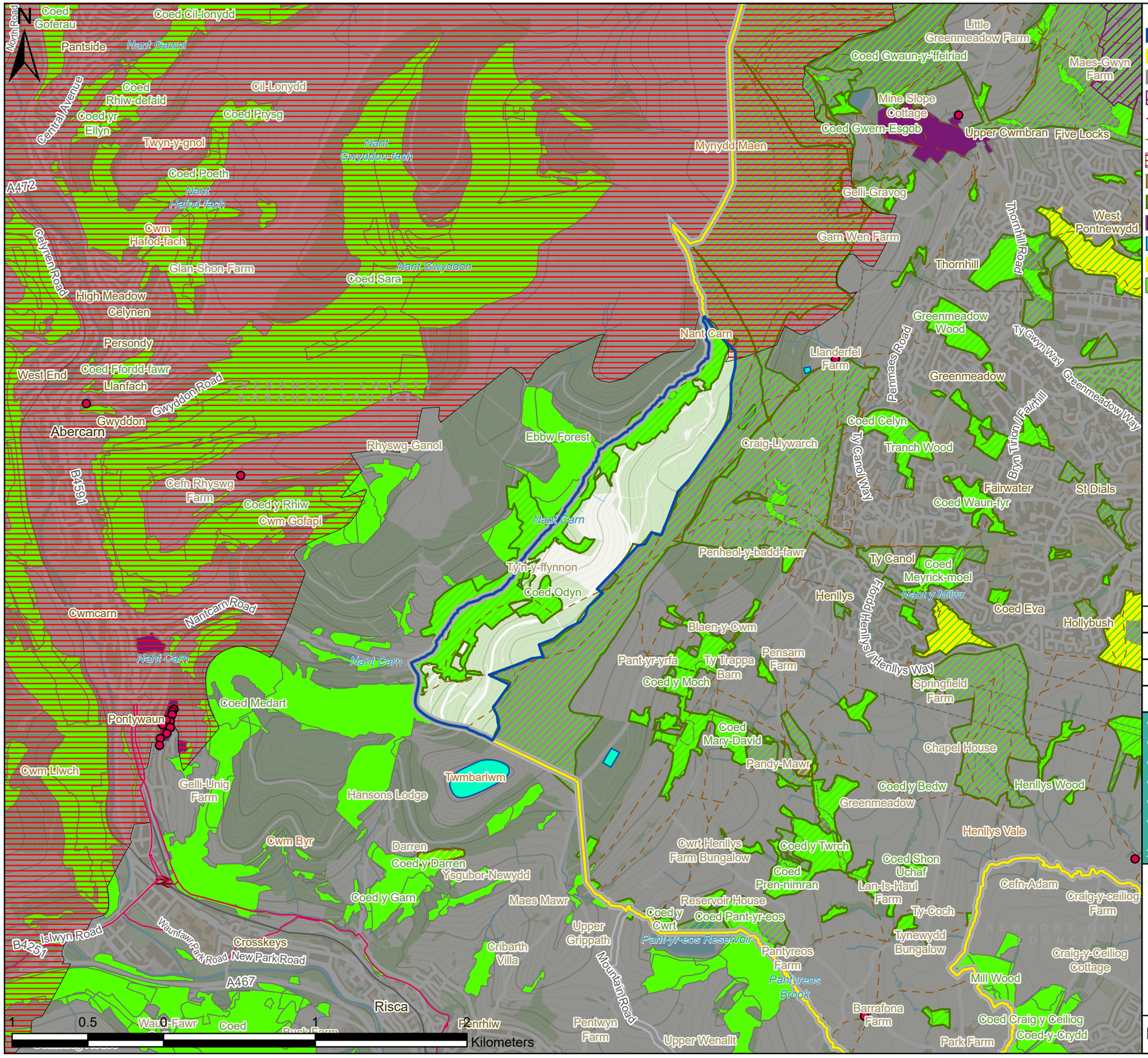
Wind turbines

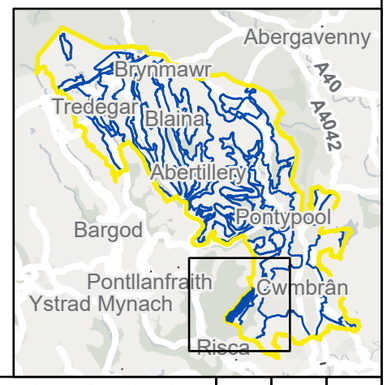
There is no existing wind turbine development in the area. The area has high sensitivity to wind development. Potentially this area could accommodate a single small-scale development, where this doesn't conflict with public amenity and other land use.

Solar PV

There is currently no solar farm development within this landscape unit. The landscape sensitivity is high. Small scale solar development could potentially be accommodated, following the guidance above.

For Local Landscape Constraints see Figure 7.40.1





- Listed Buildings
- Landscape Area Unit
- Study Area
- Local Authorities
- Known built development since LANDMAP assessment
- National Cycle Network
- BGCBC and TCBC Public Rights of Way
- Pre-Assessed Areas for Wind Energy
- Sites of Special Scientific Interest
- BGCBC and TCBC Sites of Importance for Nature Conservation
- Conservation Areas
- Scheduled Monuments
- Local Nature Reserves
- Ancient Woodland

V.	S.	Date	Description	B.	C.	A.
P3	FI	28/10/2021	Client feedback	TW	ZS	LC
P2	FI	06/07/2021	Client feedback	TW	ZS	LC
P1	S3	10/06/2021	First issue	TW	ZS	LC

- Environmental Consultants
- Planners
- Landscape Architects
- Landscape Managers
- Urban Designers
- Ecologists

TACP

10 Park Grove, Cardiff, CF10 3BN • 02920 228966 • admin@tacp.co.uk

Blaenau Gwent and Torfaen County Borough Councils

Sensitivity and Capacity Study for Renewable Energy Development

Figure 7.40.1

LAU 40 Landscape Constraints (Sheet 1 of 1)

Drawing no.: 61007_DWG_F7-40-1LAU40

 Scale: 1:25,000 (Printed at A3)

LAU 41: PANTYGASSEG VALLEY & EDGE OF PONTNEWYNYDD

Susceptibility to Wind and Solar development

Combined summary of landscape susceptibility

Criteria	Description	Score		
Landscape susceptibility		Low	Med	High
Scale	Small scale			
Landform	Undulating valley side			
Landcover	Mosaic of small fields with hedgerow boundaries and woodland			
Built environment	Scattered farmsteads and small settlements. Cefn-Crib Road/ Coch-y-North Road			
Visual susceptibility				
Skylines and settings	Undulating lower slopes			
Movement	Infrequent human activity			
Visibility, quality of views	Enclosure formed by frequent boundary vegetation and topography. Views available from settlement edge of Pontnewynydd and roads on elevated ground.			
Views in/out	Attractive views both in and out with few detractive elements.			
Typical receptors	Recreational users (PRoW), land workers. Residential receptors.			
Scenic quality and character	Moderate scenic quality, moderate landscape character and high integrity.			

Criteria	Description	Score		
Value		Low	Med	High
Landscape value (designations)	Ty'r Hen Forwyn wetland SSSI in southern section, with SINC covering wider area. Large blocks of ancient woodland sites in northern section and along both boundaries. Listed railway viaduct crossing Nant Ddu in northern section, with SINC covering the area to the west of this.			
Visual/sensory	LANDMAP overall evaluation			
Historic value	LANDMAP overall evaluation			
Habitats value	LANDMAP overall evaluation			
Geological value	LANDMAP overall evaluation			
Visual value (key views/vistas)	None			
Aesthetic, perceptual, experiential	A moderate sense of place, perceptual qualities not recorded.			

Landscape Sensitivity

Summary of Sensitivity - Wind	Assessed Sensitivity				
	V Low	Low	Med	High	V High
The assessment identifies that the landscape is of very high sensitivity, the strong landscape character of the area would be adversely affected by development of this type.					

Summary of Sensitivity - Solar	Assessed Sensitivity				
	V Low	Low	Med	High	V High
The landscape is assessed as of very high sensitivity with a low tolerance to change of this type.					

Guidance on Siting

The following advice should be considered for renewables development within this landscape unit:

Wind turbines

- Consider aligning wind turbines with existing road corridor where the landscape is well enclosed.
- Consider using existing woodland to partially screen wind turbines from wider views.
- Respect the setting of listed viaduct.
- Avoid development in close proximity to residential areas.

Solar PV

- Consider opportunities for siting solar farms where topography will limit wider views.
- Consider using existing forestry and woodland to screen solar development from wider views. Avoid direct impacts on Ty'r Hen Forwyn SSSI.
- Avoid siting within SINC unless land management can be consistent with and support conservation objectives.
- Consider opportunities to utilise and enhance existing field pattern and boundaries to integrate development.
- Respect the setting of listed viaduct.

Any development should be subject to a detailed environmental impact assessment including landscape, cultural heritage and biodiversity as a minimum.

Landscape capacity

Total area of LAU: 405 Ha.

Wind turbines

There is no existing wind turbine development in the area. The area has very high sensitivity to wind development. Wind development is not recommended within this area.

Solar PV

There is currently no solar farm development within this landscape unit. The landscape sensitivity is very high. Up to 1-2 small scale solar developments could potentially be accommodated, on separate sites to avoid cumulative effects, following the guidance above.

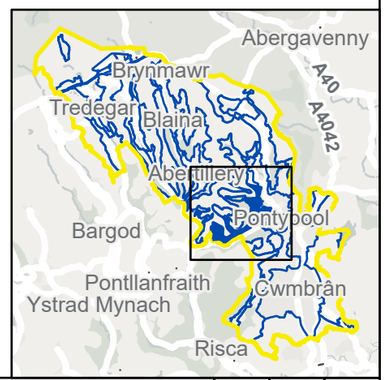
For Local Landscape Constraints see Figure 7.41.1

N

Abertillery
Penrhiwgarreg
Byrgwm
Nant y Groes
Coed y Gilfach
Six Bells
Nant Cwmillwydrew
Coed Cwm-llwydrew
The Gilfach-Wen Farm
Ty-Dafydd
Cwm-du Wood
Victoria Road
Cemetery Road
Ty-Llwyd
Nant Cyffin
Blaen-Y-Cwm Road
Llanhilleth
Hyde Place
Nant y Cnyw
Incline Cottages
Coed Trinant
Royal Oak House
Swffryd-Fach
B4471
Swffryd-Ganol
Swffryd
Swffryd Wood
Hafodynynys
Coed Llwyn-du
Ty Oakley Farm
Pen y Caeau Farm
Cefn-rhos-y-bedd-uchaf
Coedcae Watkin Dafydd
Blaengawney
Rhiw Park Road
Castle Street
Alexandra Road
Cwm Farm Road
A4167
Cwm Sychan
Cwmsychan Brook
The Bungalow
Golynos
Victoria Village
Talywain Waterloo
B4246
The Barracks
Cwm Byrgwm
Brook Cottage
Prospect Place
High Street
The Woodlands
Garn-Wen
Lasgarn Farm
Lasgarn Wood
Penlasgarn House
Company's Wood
Pen-twyn
Snatchwood
Freehold Wood
Penlasgarn-Isaf
Ty-Rhiw Frank
Penwyn Road
Woodside Road
Charlesville
Pistyll-Gwyn
Greenland Farm
Nant Ddu
Cwm Du
Pentrepiod
Hollybush Cottage
Tal-Ochor Farm
Oaktree Farm
Mount Pleasant
Hospital Road
Leigh Road
Trevethin
Folly Road
Cwm Pontnewynydd
Ffrwd-oer
Wainfelin
Herbert's Wood
Church Wood
Penygarn
Tranch Wood
Pen-Tranch Cottage
Cwm Ffrwd-Oer Farm
Blaen-nant-y-caws
Nant y Caws
Plas-y-Coed
Ty Shon Jacob Farm
Plasycoed Farm
Coed Parciau
Gelli-deg Wood
Beech Mount
The Old Black-Barn Farmhouse
Llanhilleth Farm
Coch-y-North Road
Tranch
Pontypool
Parke's Lane
Sowhill
Trosnant Brook
Trosnant
Coed Alice
Cwm Fields
Woodland Farm
High Path
Mountain View House
Crumlin Road
Mynydd Bungalow
Cefn-y-Crib Farm
Tyr-Hen-Forwyn
Old School House
Ty-Lan-Twyn
Cefn-Crib Farm
Cwm Llwynau
Ty Richard Jones Farm
Cwm-y-Glyn
A472
Tir-Shon-Shenkin
Old Washery
Quarry Wood
Buarth Maen
Blaen Nant Road
Nant Dar
Cwmynyscoy
Blaendare Road
Upper Race
The Mount
Firtree Cottage
Coed Golynos
New Farm
Twyn Calch
Cwm Lleucu / Cwm Lickey
Mountain Road
Cwrdy Wood
Cefn-Llwyd Farm
White House
Capel Llwyd
Mynydd Llwyd
Mynydd Twyn-glas
Uplands Farm
Riverside
A4043 Broadway

1 0.5 0 1 2 Kilometers

- Existing Wind Turbines
- Listed Buildings
- Landscape Area Unit
- Study Area
- Local Authorities
- Brecon Beacons National Park
- Known built development since LANDMAP assessment
- National Cycle Network
- BGCBC and TCBC Public Rights of Way
- Pre-Assessed Areas for Wind Energy
- Sites of Special Scientific Interest
- BGCBC and TCBC Sites of Importance for Nature Conservation
- Conservation Areas
- Scheduled Monuments
- Historic Parks and Gardens
- Local Nature Reserves
- Ancient Woodland



P3	FI	28/10/2021	Client feedback	TW	ZS	LC
P2	FI	06/07/2021	Client feedback	TW	ZS	LC
P1	S3	10/06/2021	First issue	TW	ZS	LC
V.	**S.**	**Date**	**Description**	**B.**	**C.**	**A.**

- Environmental Consultants
- Planners
- Landscape Architects
- Landscape Managers
- Urban Designers
- Ecologists

TACP

10 Park Grove, Cardiff, CF10 3BN • 02920 228966 • admin@tacp.co.uk

Blaenau Gwent and Torfaen County Borough Councils

Sensitivity and Capacity Study for Renewable Energy Development

Figure 7.41.1

LAU 41 Landscape Constraints (Sheet 1 of 1)

Drawing no.: 61007_DWG_F7-41-1LAU41

 Scale: 1:25,000 (Printed at A3)

LAU 43: BRITISH WORKS WEST OF TALYWAIN

Susceptibility to Wind and Solar development

Combined summary of landscape susceptibility

Criteria	Description	Score		
Landscape susceptibility		Low	Med	High
Scale	Large scale			
Landform	Disturbed low lying land			
Landcover	Historic extractive landscape with exposed surfaces in places, regenerating grassland scrub woodland mosaic			
Built environment	Scattered farmsteads and small roads at urban fringe. Overhead power lines. Bounded to the east by railway line, now cycle path, on embankment.			
Visual susceptibility				
Skylines and settings	Undulating landform			
Movement	Infrequent activity			
Visibility, quality of views	An open landscape with views into the valley from higher elevations, where not restricted by vegetation.			
Views in/out	Attractive and detractive views out, with detractive views in.			
Typical receptors	Residential receptors, from settlement edges of Abersychan and Talywain. Recreational users of NCN Route 492 and PRoW.			
Scenic quality and character	Low scenic quality, moderate landscape character and low integrity.			

Criteria	Description	Score		
Value		Low	Med	High
Landscape value (designations)	Three listed structures and two Scheduled Monuments in the southern central part of the area relating to the historic British Ironworks. Entire site with exception of extreme northwest corner covered by SINC.			
Visual/sensory	LANDMAP overall evaluation			
Historic value	LANDMAP overall evaluation			
Habitats value	LANDMAP overall evaluation			
Geological value	LANDMAP overall evaluation			
Visual value (key views/vistas)	Overlooked by the Cwmbyrgwm Colliery SM to the west.			
Aesthetic, perceptual, experiential	A moderate sense of place but considered unattractive.			

Landscape Sensitivity

Summary of Sensitivity - Wind	Assessed Sensitivity				
	V Low	Low	Med	High	V High
The assessment identifies that the landform and visual qualities of the area would be able to accommodate a significant amount of change without affecting landscape character.					

Summary of Sensitivity - Solar	Assessed Sensitivity				
	V Low	Low	Med	High	V High
The area has low sensitivity to solar development, meaning it can accommodate this type of development in many situations without significant impact on landscape character					

Guidance on Siting

The following advice should be considered for renewables development within this landscape unit:

Wind turbines

- Consider opportunities to use local topography to partially screen turbines from wider views.
- Respect the setting of the SM and listed buildings from the British Ironworks.
- Avoid negative effects from proximity to residential areas.

Solar PV

- Consider opportunities to use local topography to screen solar development from wider views.
- Respect the setting of the SM and listed buildings from the British Ironworks.
- Avoid siting solar farms adjacent to existing settlements.

A Cabinet approved Development Plan is in place for this LAU developed in conjunction with local resident groups – any future development should take account of its recommendations. Any development should be subject to a detailed environmental impact assessment including landscape, cultural heritage and biodiversity as a minimum.

Landscape capacity

Total area of LAU: 70 Ha.

This area includes landscape well used as a recreational resource by the local communities. Development proposals should consider local sensibilities. The cultural importance of this site locally alongside conservation and recreational value suggests that development would need to respect these qualities. Utilising the western spur of the area beyond Farm Road could enable development while minimising impacts on the core area of the British works and local residents.

Wind turbines

There are no turbines currently within this landscape unit. The landscape sensitivity is low.

A small to medium group of turbines may be considered within this area. This should follow the guidance on siting described above.

Solar PV

There is currently no solar farm development within this landscape unit. The landscape sensitivity is low. Given the relatively small size of the area, a single small-medium sized development could be accommodated by following the guidance set out above.

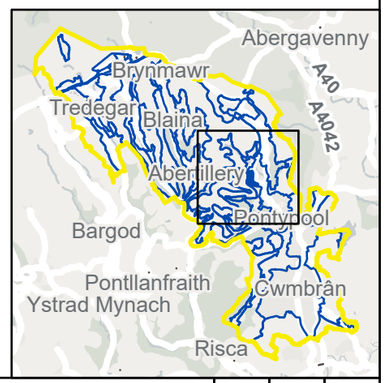
For Local Landscape Constraints see Figure 7.43.1

N

Reservoir House
Cwm Tyleri
Blaen-Melyn
Nant Ffrwd
Mynydd Farteg Fawr
Ty Michael Farm
Furlong Wood
Cwmavon House
Cwmavon
Garn-Llêch
Penrhoel-Medwyn
Shop Road
Graig-ddu Wood
Hafod-Wenog
Pwll Cefn-y-llaw
Spring Cottage
Beili Glass Farm
Gwastad
Afon Lwyd
Old Mill Farm
The Bungalows
Coedcae Sal
Carnau British Wood
Waun Wen
Garndiffaith
Pen-y-ddoyga
Tyr-beili Wood
Cwm Ffrwd
Cwm Afon
Pen-yr-heol
Abersychan
Nant y Maelor
The Bungalow
The Woodlands
Victoria Village
Mynydd Garn-wen or Garn Wen
Golynos
Garn-Wen
Rhiw-park
Cwm Sychan
Cwmsychan Brook
Talywain
Waterloo
A4043
Coedcae Ambrose
Penrhiwgarreg
Lasgarn Farm
Prospect Place
Lasgarn Wood
Penlasgarn House
Byrgwm
High Street
Company's Wood
Nant y Groes
Coed y Gilfach
The Barracks
Cwm Byrgwm
Brook Cottage
Coed-Lthel Little Mountain
Six Bells
Pen-twyn
Snatchwood
Freehold Wood
Penlasgarn-Isaf
Nant Cwmillwydrew
The Gilfach-Wen Farm
Coed Cwm-llwydrew
Ty-Rhiw Frank
Pentwyn Road
B4246
Woodside Road
Ty-Dafydd
Charlesville
Nant-y-gollen Cottage
Nant y Gollen
Cwm-du Wood
Pistyll-Gwyn
Greenland Farm
Nant Ddu
Cwm Du
Pentrepiod
Trevethin
Folly Road
Hollybush Cottage
Mount Pleasant
Hospital Road
Leigh Road
Tal-Ochor Farm
Rustic Lodge
Oaktree Farm
Cwm Pontnewynydd Ffrwd-oer
Herbert's Wood
Wainfelin
Penygarn
Church Wood
Nant Cyfrin
Cwm Ffrwd-Oer Farm
Plasycoed Road
Tranch Wood
Twyn-gwyn Wood
Blaen-nant-y-caws
Pen-Tranch Cottage
Riverside
Broadway
Blaen-y-Cwm Road
Nant y Caws
Plas-y-Coed
Ty Shon Jacob Farm
Ski Lodge
Pontypool
Nant y Cnyw
Plasycoed Farm
Coed Parciau
Tranch
B4471
Incline Cottages
Gelli-dêg Wood
Beech Mount
Coch-Y-North Road
Sowhill
Crumlin Road
Trosnant Brook
Trosnant
A472
Usk Road
Alexandra Road
Cwm Farm Road

1 0.5 0 1 2 Kilometers

- Existing Wind Turbines
- Listed Buildings
- Landscape Area Unit
- Study Area
- Local Authorities
- Brecon Beacons National Park
- National Cycle Network
- BGCBC and TCBC Public Rights of Way
- Pre-Assessed Areas for Wind Energy
- BGCBC and TCBC Sites of Importance for Nature Conservation
- Blaenavon World Heritage Site
- Historic Landscapes
- Conservation Areas
- Scheduled Monuments
- Historic Parks and Gardens
- Local Nature Reserves
- Ancient Woodland



P3	FI	28/10/2021	Client feedback	TW	ZS	LC
P2	FI	06/07/2021	Client feedback	TW	ZS	LC
P1	S3	10/06/2021	First issue	TW	ZS	LC
V.	**S.**	**Date**	**Description**	**B.**	**C.**	**A.**

- Environmental Consultants
- Planners
- Landscape Architects
- Landscape Managers
- Urban Designers
- Ecologists

TACP

10 Park Grove, Cardiff, CF10 3BN • 02920 228966 • admin@tacp.co.uk

Blaenau Gwent and Torfaen County Borough Councils

Sensitivity and Capacity Study for Renewable Energy Development

Figure 7.43.1

LAU 43 Landscape Constraints (Sheet 1 of 1)

Drawing no.:	61007_DWG_F7-43-1LAU43

 Scale: 1:25,000 (Printed at A3)

LAU 44: BRITISH WORKS ON MYNYDD FARTEG FAWR

Susceptibility to Wind and Solar development

Combined summary of landscape susceptibility

Criteria	Description	Score		
Landscape susceptibility		Low	Med	High
Scale	Large scale valley side with fields on flatter land.			
Landform	Steep, rolling but disturbed land.			
Landcover	An upland landscape with mosaic of woodland, farmland and partially reclaimed extraction.			
Built environment	Scattered farmsteads and small rural settlement. Small access roads.			
Visual susceptibility				
Skylines and settings	Undeveloped skyline, WHS in northern section			
Movement	Infrequent activity			
Visibility, quality of views	A relatively open landscape, with regenerating scrub and some hedgerow and woodland cover, particularly to west and on steeper northern slopes. Detractive views of spoil tips.			
Views in/out	Good views out of area, views in from valley floor and ridges			
Typical receptors	Residential properties within landscape unit, residents of Abersychan to south-east. Drivers on B4246 Varteg Road.			
Scenic quality and character	Low scenic quality and integrity, with moderate landscape character.			

Criteria	Description	Score		
Value		Low	Med	High
Landscape value (designations)	Northern section beyond Salisbury Terrace lies within Blaenavon WHS. Majority, with exception of slope at southern end, covered by SINC. This slope includes a small ancient woodland site.			
Visual/sensory	LANDMAP overall evaluation			
Historic value	LANDMAP overall evaluation			
Habitats value	LANDMAP overall evaluation			
Geological value	LANDMAP overall evaluation			
Visual value (key views/vistas)	Northern section within WHS, views from wider WHS restricted by landform.			
Aesthetic, perceptual, experiential	Considered discordant and unattractive in LANDMAP visual and sensory assessment.			

Landscape Sensitivity

Summary of Sensitivity - Wind	Assessed Sensitivity				
	V Low	Low	Med	High	V High
Due to the degraded nature of this area and its low scenic quality, the assessment concludes that it has a low sensitivity to wind development.					

Summary of Sensitivity - Solar	Assessed Sensitivity				
	V Low	Low	Med	High	V High
The area has low sensitivity to solar development, meaning it can accommodate this type of development in many situations without significant impact on landscape character					

Guidance on Siting

The following advice should be considered when planning renewables development within this landscape unit:

Wind turbines

- Avoid placing turbines within WHS or where there would be intervisibility with that area.
- Site turbines away from individual residences.
- Site turbines where blade tips will not appear above the ridgeline.

Solar PV

- Consider opportunities to site solar development within existing field boundaries, or where these can be enhanced as part of the development.
- Only site solar farms within SINCs where their management can be consistent with management objectives of SINC.
- Avoid steeper slopes where solar development will be more widely visible.

Any development should be subject to a detailed environmental impact assessment including landscape, cultural heritage and biodiversity as a minimum.

Landscape capacity

Total area of LAU: 56.4 Ha.

Wind turbines

There is currently no wind farm development within this landscape unit.

The landscape sensitivity is low, indicating that it would be able to accommodate wind development with minimum disruption to existing character. However, the area is small, especially considering that part of it falls within the WHS where development should be avoided. It is therefore recommended that development should be limited to a single medium group, or two small groups of turbines, with careful consideration given impacts on residential receptors.

Solar PV

There is currently no solar farm development within this landscape unit. The landscape sensitivity is low. Due to the limited size of the area and practical constraints, there may only be potential to site small (<10Ha) development with suitable screening within this landscape.

For Local Landscape Constraints see Figure 7.44.1

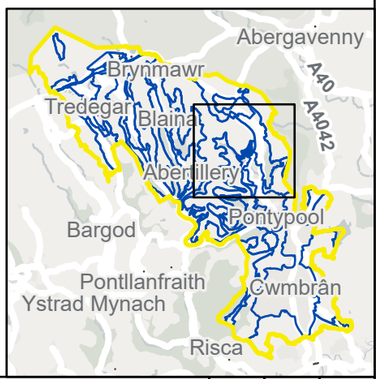
N

Colty Pond
Afon Lwyd
Broad Street
Upper Coedcae
Middle Coedcae
Forge Side
Forge Side Road
Blaenavon Junction
Blaen Ochron
Yewtree Farm
Rock Cottage
Blaentillery Farm
Mynydd Coety / Coety Mountain
Beech Tree Cottage
Coffee Tavern House
Pen-Talar
Hill Farm
Bwthyn yr Ywen
Ty Parson
Cwm y Nant
Hendre-Glyn Farm
Cuckoo Cottage
Glebeland Farm
Blaenavon Community Woodland
Ty Michael Farm
Mynydd Farteg Fawr
Furlong Wood
Garn-Llêch
Cwmavon House
Cwmavon
Blaen-Melyn
Nant Pfrwd
Penrhoel-Medwyn
Shop Road
A4043
Graig-ddu Wood
Hafod-Wenog
Spring Cottage
Beili Glass Farm
Pwll Cefn-y-llaw
Gwastad
The Bungalows
Afon Lwyd
Old Mill Farm
Coedcae Sal
Carnau British Wood
Waun Wen
Garndiffaith
Tyr-beili Wood
Cwm Ffrwd
Cwm Afon
Pen-y-ddoyga
Pen-yr-heol
Abersychan
Nant y Maelor
The Bungalow
The Woodlands
Victoria Village
Mynydd Garn-wen or Garn Wen
Garn-Wen
Rhiw-ParkRoad
Golynos
Cwm Sychan
Cwmsychan Brook
Talywain Waterloo
Coedcae Ambrose
Penrhiwgarreg
Lasgarn Farm
Prospect Place
Lasgarn Wood
Penlasgarn House
Byrgwm
Nant y Groes
Coed y Gilfach
The Barracks
Cwm Byrgwm
Brook Cottage
High Street
Company's Wood
Coed-Lthel
Six Bells
Pen-twyn
Snatchwood
Freehold Wood
Penlasgarn-Isaf
Little Mountain
Nant Cwmillwydrew
The Gilfach-Wen Farm
Coed Cwm-llwydrew
Ty-Dafydd
Ty-Rhiw Frank
Pentwyn Road
B4246
Woodside Road
Newman Road
Charlesville
Nant-y-gollen Cottage
Nant y Gollen
Greenland Farm

1 0.5 0 1 2 Kilometers

MONMOUTHSHIRE COUNTY COUNCIL

- Existing Wind Turbines
- Listed Buildings
- Landscape Area Unit
- Study Area
- Local Authorities
- Brecon Beacons National Park
- National Cycle Network
- BGCBC and TCBC Public Rights of Way
- Pre-Assessed Areas for Wind Energy
- Sites of Special Scientific Interest
- BGCBC and TCBC Sites of Importance for Nature Conservation
- Blaenavon World Heritage Site
- Historic Landscapes
- Conservation Areas
- Scheduled Monuments
- Historic Parks and Gardens
- Local Nature Reserves
- Ancient Woodland



V.	S.	Date	Description	B.	C.	A.
P3	FI	28/10/2021	Client feedback	TW	ZS	LC
P2	FI	06/07/2021	Client feedback	TW	ZS	LC
P1	S3	10/06/2021	First issue	TW	ZS	LC

- Environmental Consultants
- Planners
- Landscape Architects
- Landscape Managers
- Urban Designers
- Ecologists

TACP

10 Park Grove, Cardiff, CF10 3BN • 02920 228966 • admin@tacp.co.uk

Blaenau Gwent and Torfaen County Borough Councils

Sensitivity and Capacity Study for Renewable Energy Development

Figure 7.44.1

LAU 44 Landscape Constraints (Sheet 1 of 1)

Drawing no.: 61007_DWG_F7-44-1LAU44

 Scale: 1:25,000 (Printed at A3)

LAU 45: LOWER SLOPES OF VARTEG HILL

Susceptibility to Wind and Solar development

Combined summary of landscape susceptibility

Criteria	Description	Score		
Landscape susceptibility		Low	Med	High
Scale	Large scale			
Landform	Undulating valley slopes			
Landcover	Pasture with hedge field boundaries, small woodlands, reclaimed tips, amenity use at urban edge including playing fields.			
Built environment	Scattered farmsteads and small-scale residential terraces, B4246 Varteg road forms eastern boundary. Pylons through southern section.			
Visual susceptibility				
Skylines and settings	Low lying land without prominent skylines			
Movement	Frequent activity			
Visibility, quality of views	Enclosure formed by low lying landform and intervening field boundaries and woodland limits views out, with little public access. However, the area is occasionally visible from elevated land within the valley.			
Views in/out	Attractive and detractive views out of the area			
Typical receptors	Residents within the area and in Garndiffaith, immediately adjacent. Recreational users (open access land and PRoW concentrated in north of area).			
Scenic quality and character	Moderate scenic quality, landscape character and integrity.			

Criteria	Description	Score		
Value		Low	Med	High
Landscape value (designations)	Northern section beyond Salisbury Terrace falls within Blaenavon World Heritage Site. SINC covers northern section beyond Cwm Ffrwd.			
Visual/sensory	LANDMAP overall evaluation			
Historic value	LANDMAP overall evaluation			
Habitats value	LANDMAP overall evaluation			
Geological value	LANDMAP overall evaluation			
Visual value (key views/vistas)	Northern section lies within Blaenavon WHS with views across valley and to north.			
Aesthetic, perceptual, experiential	A moderate sense of place, perceptions not recorded.			

Landscape Sensitivity

Summary of Sensitivity - Wind	Assessed Sensitivity				
	V Low	Low	Med	High	V High
The assessment identifies that the landscape is of high sensitivity, the landscape character of the area would only be able to accommodate development of this type in limited situations.					

Summary of Sensitivity - Solar	Assessed Sensitivity				
	V Low	Low	Med	High	V High
The landscape is assessed as of high sensitivity with a low tolerance to change of this type.					

Guidance on Siting

The following advice should be considered for renewables development within this landscape unit:

Wind turbines

- Consider opportunities to partially screen turbines with local topography or existing woodland.
- Avoid placing turbines within WHS or where there would be intervisibility with that area.
- Site turbines away from individual residences.

Solar PV

- Consider opportunities to site solar development within existing field boundaries, or where these can be enhanced as part of the development.
- Only site solar farms within SINCs where their management can be consistent with management objectives of SINC.
- Avoid placing development within WHS or where there would be intervisibility with that area.

Any development should be subject to a detailed environmental impact assessment including landscape, cultural heritage and biodiversity as a minimum.

Landscape capacity

Total area of LAU: 66 Ha.

Wind turbines

There is no existing wind turbine development in the area. The area has high sensitivity to wind development. It is not recommended to site wind development in this area, given the proximity to residential settlement and the WHS status.

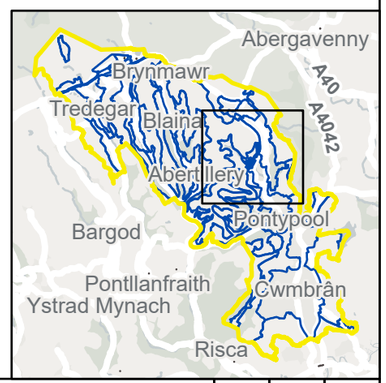
Solar PV

There is currently no solar farm development within this landscape unit. The landscape sensitivity is high. Small scale solar development could potentially be accommodated in the south of the area, following the guidance above.

For Local Landscape Constraints see Figure 7.45.1

N

Existing Wind Turbines
Listed Buildings
Landscape Area Unit
Study Area
Local Authorities
Brecon Beacons National Park
National Cycle Network
BGCBC and TCBC Public Rights of Way
Pre-Assessed Areas for Wind Energy
Sites of Special Scientific Interest
BGCBC and TCBC Sites of Importance for Nature Conservation
Blaenavon World Heritage Site
Historic Landscapes
Conservation Areas
Scheduled Monuments
Historic Parks and Gardens
Local Nature Reserves
Ancient Woodland



V.	S.	Date	Description	B.	C.	A.
P3	FI	28/10/2021	Client feedback	TW	ZS	LC
P2	FI	06/07/2021	Client feedback	TW	ZS	LC
P1	S3	10/06/2021	First issue	TW	ZS	LC

• Environmental Consultants
• Planners
• Landscape Architects
• Landscape Managers
• Urban Designers
• Ecologists

TACP

10 Park Grove, Cardiff, CF10 3BN • 02920 228966 • admin@tacp.co.uk

Blaenau Gwent and Torfaen County Borough Councils

Sensitivity and Capacity Study for Renewable Energy Development

Figure 7.45.1

LAU 45 Landscape Constraints (Sheet 1 of 1)

Drawing no.:	61007_DWG_F7-45-1LAU45

Scale: 1:25,000 (Printed at A3)