

Connah's Quay Low Carbon Power

Environmental Statement Volume IV Appendix 24-B: Short List of Proposed Schemes

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1. Short List of Proposed Schemes

- 1.1.1 The development of the long and short lists have focused on other planned projects and developments (hereafter referred to as 'proposed schemes') within the 15 km study area which meet the criteria outlined within Section 24.4 of **Chapter 24: Cumulative & Combined Effects** (**EN010166/APP/6.2.24**).
- 1.1.2 This long list (presented in **Appendix 24-A: Long List of Proposed Schemes** (**EN010166/APP/6.4**)) has been reviewed to prepare a short list of proposed schemes with the potential to result in cumulative effects when considered with the Proposed Development. The short list of proposed schemes is presented here, and summarised in Table 24-7 of **Chapter 24: Cumulative & Combined Effects** (**EN010166/APP/6.2.24**).
- 1.1.3 Table 24-5 in **Chapter 24: Cumulative & Combined Effects** (**EN010166/APP/6.2.24**) explains the Zone of Influence (Zol) for each topic. For most topics, the study areas, presented in Stage 1 of the long list, determines when a proposed scheme falls within the Zol for that topic, and if short listed, is considered in the assessment. However, for Traffic and Transport, Water Environment and Flood Risk and Human Health, there are certain characteristics of individual proposed schemes that could qualify or disqualify them from being assessed, even if they fall or outside of identified Zol. For example, the Water Environment and Flood Risk Zol is 1 km from the Construction and Operation Area, but, if a proposed scheme outside of this area imposes an effect which may propagate downstream to within the Zol, it qualifies for further consideration in the assessment. Therefore, additional proposed schemes may be within **Chapter 24: Cumulative & Combined Effects** (**EN010166/APP/6.2.24**) even if they are not identified to be within the Zol in Stage 1.
- 1.1.4 With reference to the long list, in Stage 1, where a proposed scheme is within an environmental topic's Zol, it is assigned the letter 'Y' and highlighted in green. When it is not within a Zol, it is assigned the letter 'N' and highlighted red. In Stage 2, where a proposed scheme is / is not, likely to have a significant cumulative effect, given its size and nature, or if it is / is not expected there will be an overlap in temporal scope, the same formatting is used. Where a Scheme is progressed to the next Stage, 'Yes', with green highlight, is used, and where a Scheme is not progressed to the next Stage, 'No', with red highlight is used.

¹¹The Traffic and Transport 701 is comprised of the main binhway links as set out in Chapter 10: Traffic and Transport (EN010166/APP/6.2.10) and the public transport, cycle and walking provision within the immediate vicinity of these links (see Table 24-5 of Chapter 24: Cumulative and Combined Effects (EN010166/APP/6.2.24)). Therefore, the assessment in Chapter 24: Cumulative and Combined Effects (EN010166/APP/6.2.24) does not consider every shortlisted schemes within the 15 km study area used in Stage 1 and 2.

3The Human Health ZOI is comprised of the following wards: Connah's Quay; Gofynn; Flint; Cilcot; Flint; Colshill and Trelawny; and Flint; Oakenholt, but the wider ZOI for Human Health also reflects the ZOI from other disciplines, as set out in Chapter 24: Cumulative and Combined Effects (EN010166/6.2.24), and as such includes proposed schemes above the 1 km study area used in Stage 1 and 2.

| Proposed Scheme Details | | | | | | | | | | | | Impact Assessment Summary | | | | | | | | | | | | Cumulative and Combined Effects | | | | | | | | | | | | | |
|-------------------------|-----------------------|---|---|----------------|---|--|--|--------------------------|------------------|------------|---------------------|---------------------------|------------------|---|---------------------|---|-----------------------|------|---------------------------------|-------|---|-------------------|----------------------------------|---------------------------------|-------------------------------|------|------------------------------|---|--|---|---|---|---|----------------------------|---|--------------------------|--------------------------|
| ID | Application reference | Authority | Address | Date Validated | Description | Approximate Distance from Construction and Operation Area (km) | Direction from Construction and Operation Area | Status | Date of decision | Tier 1/2/3 | Air Quality | | | | Stage 1 | | | | Stage 2 | | | | Stage 3 | | | | | | | | | | | | | | |
| | | | | | | | | | | | Construction (250m) | | Operation (15km) | | Noise and Vibration | | Traffic and Transport | | Terrestrial and Aquatic Ecology | | Marine Ecology (with exception of Marine Mammals) | | Water Environment and Flood Risk | | Geology and Ground Conditions | | Landscape and Visual Arousal | | Physical Processes | | Terrestrial Heritage | | Marine Heritage | | Socio-Economics, Recreation and Tourism | | Human Health |
| 92 | FUL/000414/22 | Flintshire County Council | Land off Northrop Road, Flint Mountain, Flint, Flintshire, CH6 5LH | 08/09/2022 | Residential development of 200 dwellings, means of access open space and all associated works. | 1.45 | North West | Ongoing | 30/09/2024 | 1 | N | Y | N | Y | Y | Y | Y | 15km | 15 km ¹ | 10 km | (with exception of Marine Mammals) | 1 km ² | 1 km | 13 km | 15 km | 3 km | 1 km | 2 km | Within Connah's Quay Wards: Goffyn Flint: Coleshill and Trelewry Flint: Oakenholt ³ | 5 km | Comments / Justification | Scale and Nature of Development likely to have a significant cumulative effect? | Overlap in temporal scope? | Other factors | Progress to Stage 3/4? | Comments / Justification | |
| 99 | OUT/22/00956 | Wirral Council | Bromborough Wharf, East Dock Road South, Bromborough, Wirral, CH62 3JQ | 08/08/2022 | Application for outline planning permission with access considered for the demolition of all existing buildings and structures and the erection of up to 598 dwellings and associated infrastructure. (February 2024 Public Consultation on revised Environmental Statement, Plans, and Documents) | 14.64 | North East | Ongoing | | 1 | N | Y | N | Y | Y | Y | N | N | N | Y | N | N | N | N | N | N | N | N | N | Yes | Comments / Justification | Scale and Nature of Development likely to have a significant cumulative effect? | Overlap in temporal scope? | Other factors | Progress to Stage 3/4? | Comments / Justification | |
| 102 | DNS CAS-02009-W1R1Z7 | Planning and Environment Decisions Wales | Padeswood Works, Chester Road, Mold, Flintshire, CH7 4HB | 25/07/2022 | The proposed project will capture approximately 7200,000 tonnes of CO2 per year from cement kiln located at Padeswood. Components of the development can be summarised as follows: Access roadways, construction and laydown compound areas, A CHP plant with 12MW electricity (minimum) and 83MW thermal of installed capacity, to produce electricity and heat to power the carbon capture equipment. A post Combustion Carbon Capture and Compression (PCCC) plant, to extract CO2 from waste gases and compress it for transport and storage. An underground CO2 transport pipeline, to transport capture CO2 from Padeswood Cement Works to Northrop Hall AGI (above ground installation) forming part of the HyNet CO2 pipeline. The demolition of existing structures comprising a workshop, a block of residential garages, small office building and redundant slurry basins | 7.95 | South | Approved with conditions | 04/04/2025 | 1 | N | Y | N | Y | Y | Y | Y | N | N | Y | Y | N | N | N | N | N | N | N | Yes | Comments / Justification | Scale and Nature of Development likely to have a significant cumulative effect? | Overlap in temporal scope? | Other factors | Progress to Stage 3/4? | Comments / Justification | | |
| 113 | FUL/000034/22 | Flintshire County Council | Field West of Highmere Drive, Connah's Quay, CH5 4YH | 16/05/2022 | Construction of a residential development of 141 no. dwellings and associated works | 0.98 | South | Approved | 22/11/2023 | 1 | N | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Yes | Comments / Justification | Scale and Nature of Development likely to have a significant cumulative effect? | Overlap in temporal scope? | Other factors | Progress to Stage 3/4? | Comments / Justification |
| 114 | FUL/000011/22 | Flintshire County Council: Marine License Application | Shotton Paper Mill, Weighbridge Road Deeside, Flintshire, CH5 2UL | 12/05/2022 | Redevelopment and expansion of former UPM Shotton Paper Mill site comprising 82 hectares of new paper factory buildings and processing plant and associated landscaping, offices, access and parking. Marine License required for New outfall construction associated with the new Paper Mill Production Facility on the River Dee (CML279) | 1.63 | North East | Approved | 26/10/2022 | 1 | N | Y | N | Y | Y | Y | Y | N | N | Y | Y | Y | N | Y | Y | N | Y | Y | Y | Yes | Comments / Justification | Scale and Nature of Development likely to have a significant cumulative effect? | Overlap in temporal scope? | Other factors | Progress to Stage 3/4? | Comments / Justification | |
| 141 | 063721 | Flintshire County Council | The Airfields (Airfields Delta), Welsh Road, Sealand, Deeside | 04/11/2021 | Erection of a Paper Processing Mill to produce and manufacture tissue paper (B2, B8 use class) with ancillary B1a office space; associated servicing and infrastructure including car parking, HGV parking and vehicle and pedestrian circulation; noise mitigation features; earthworks to create development platforms; creation of drainage features including a new outfall to the River Dee; water treatment plant; and landscaping. | 3.64 | East | Ongoing | | 1 | N | Y | N | Y | Y | Y | Y | N | N | Y | Y | N | N | N | N | N | Y | Y | Y | Y | Yes | Comments / Justification | Scale and Nature of Development likely to have a significant cumulative effect? | Overlap in temporal scope? | Other factors | Progress to Stage 3/4? | Comments / Justification |
| 145 | 063507 | Flintshire County Council | Land to the south of New Brighton Road, New Brighton, Mold, CH7 6RB | 08/09/2021 | Residential development comprising 90 Dwellings including the provision of affordable units, areas of public open space, landscaping and associated works. | 5.16 | South | Approved | 08/07/2024 | 1 | N | Y | N | Y | Y | Y | Y | N | N | Y | Y | N | N | N | N | N | N | Yes | Comments / Justification | Scale and Nature of Development likely to have a significant cumulative effect? | Overlap in temporal scope? | Other factors | Progress to Stage 3/4? | Comments / Justification | | | |
| 159 | DNS/3251545 | Planning and Environment Decisions Wales | Bretton Hall, Chester Road, Flintshire, CH4 0DF | 28/05/2021 | A proposed solar farm and grid connection, supporting energy infrastructure including battery storage and associated site works incorporating partial widening of an existing access, maintenance tracks, perimeter and stock fencing, CCTV cameras and the provision of a customer cabin, outdoor classroom, and parking. | 10.00 | South East | Approved with Conditions | 19/12/2023 | 1 | N | Y | N | Y | Y | Y | N | N | N | Y | Y | N | N | N | N | N | N | Yes | Comments / Justification | Scale and Nature of Development likely to have a significant cumulative effect? | Overlap in temporal scope? | Other factors | Progress to Stage 3/4? | Comments / Justification | | | |
| 183 | 061994 | Flintshire County Council | Land to the north of Gwernaffield Road, Mold, Flintshire | 22/10/2020 | Erection of residential development of 235 no. units together with associated public open space and infrastructure | 6.33 | South | Approved | 13/02/2025 | 1 | N | Y | N | Y | Y | Y | N | N | Y | Y | N | N | N | N | N | N | Yes | Comments / Justification | Scale and Nature of Development likely to have a significant cumulative effect? | Overlap in temporal scope? | Other factors | Progress to Stage 3/4? | Comments / Justification | | | | |
| 199 | 20/02712/OUT | Cheshire West & Chester Council | Land Bordering Clifton Drive and Sealand Road, Chester, Cheshire | 30/07/2020 | Erection of up to 150 dwellings and demolition of nos. 272, 274, 276 and 278 Sealand Road with all matters reserved except access | 9.87 | East | Awaiting Decision | | 1 | N | Y | N | Y | Y | Y | N | N | Y | Y | N | N | N | N | N | N | Yes | Comments / Justification | Scale and Nature of Development likely to have a significant cumulative effect? | Overlap in temporal scope? | Other factors | Progress to Stage 3/4? | Comments / Justification | | | | |
| 311 | 058314 | Flintshire County Council | Street Record, Northrop Road, Flint, Flintshire | 18/04/2018 | An outline permission for residential development of up to 145 dwellings (Use Class C3) and associated works including highways, landscaping, unit mix, precise layout and Affordable Housing provision) reserved. | 2.00 | North West | Ongoing | | 1 | N | Y | N | Y | Y | Y | N | N | Y | Y | N | N | N | N | N | Yes | Comments / Justification | Scale and Nature of Development likely to have a significant cumulative effect? | Overlap in temporal scope? | Other factors | Progress to Stage 3/4? | Comments / Justification | | | | | |
| 331 | FUL/001091/24 | Flintshire County Council | Land off Mold Road & Bryn Road, New Brighton, Mold, Flintshire, CH7 6WL | 17/12/2024 | Full planning for 135 affordable dwellings, on site public open space and site infrastructure. | 5.48 | South | Ongoing | | 1 | N | Y | N | Y | Y | Y | N | N | Y | Y | N | N | N | N | N | Yes | Comments / Justification | Scale and Nature of Development likely to have a significant cumulative effect? | Overlap in temporal scope? | Other factors | Progress to Stage 3/4? | Comments / Justification | | | | | |

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²The Water Environment and Flood Risk ZOI is 1 km from the Construction and Operation Area, but, where relevant, the assessment in Chapter 24: Cumulative and Combined Effects (EN010166/APP/6.2.24) considers a wider ZOI to include impacts which propagate downstream, and flood risk impacts upstream and downstream, and as such includes proposed schemes above the 1 km study area used in Stage 1 and 2.

³The Human Health ZOI is comprised of the following wards: Connah's Quay: Goffyn Flint: Castle Flint: Coleshill and Trelewry Flint: Oakenholt, but the wider ZOI for Human Health also reflects the ZOI from other disciplines, as set out in Chapter 24: Cumulative and Combined Effects (EN010166/APP/6.2.24), and as such includes proposed schemes above the 1 km study area used in Stage 1 and 2.

| Proposed Scheme Details | | | | | | | | | | | | Assessment of Impacts | | | | | | | | | | | | Mitigation and Monitoring | | | | | | | | | | | |
|-------------------------|-----------------------|---------------------------------|---|----------------|---|--|--|----------------------|------------------|------------|---------------------|-----------------------|-----|------|-----------------------|---------------------------------|---|----------------------------------|-------------------------------|------------------------------|--------------------|----------------------|--------------------------|---|--------------------------|--|------|--|-----|---------------------|-----|-----|--|-----|--|
| ID | Application reference | Authority | Address | Date Validated | Description | Approximate Distance from Construction and Operation Area (km) | Direction from Construction and Operation Area | Status | Date of decision | Tier 1/2/3 | Air Quality | | | | Stage 1 | | | | Stage 2 | | | | Comments / Justification | Progress to Stage 3/4? | Comments / Justification | | | | | | | | | | |
| | | | | | | | | | | | Construction (250m) | Operation (15km) | 1km | 15km | Traffic and Transport | Terrestrial and Aquatic Ecology | Marine Ecology (with exception of Marine Mammals) | Water Environment and Flood Risk | Geology and Ground Conditions | Landscape and Visual Arousal | Physical Processes | Terrestrial Heritage | Marine Heritage | Socio-Economics, Recreation and Tourism | Human Health | Major Accidents and Disasters | | | | | | | | | |
| 341 | 24/02763/REM | Cheshire West & Chester Council | Land At Wrexham Road, Chester | 13/09/2024 | Reserved matters application, pursuant to part of the outline element of the hybrid planning permission 17/02453/OUT (as amended by 22/01679/S73), with details (external appearance, landscaping, site layout and scale) of 1.5FE primary school (to be delivered over two phases) with associated playing fields and car parking. | 12.21 | South East | Approved | 12/12/2024 | 1 | N | Y | N | Y | Y | Y | N | N | Y | Y | N | 13 km | 15 km | 3 km | 1 km | Within Connah's Quay Wards: Goffyn Flint: Castle Coleshill and Trelewlyn Flint: Oskenholt ³ | Yes | Located within ZOIs | Y | Y | N/A | Yes | Located within ZOIs, Scale and nature likely to have a significant effect, and potential overlap in temporal scope | | |
| 342 | 24/02885/REM | Cheshire West & Chester Council | Land At Sutton New Hall Farm, Ledsham Road, Little Sutton, Ellesmere Port, Cheshire | 27/09/2024 | Details of electric sub-station (intended to service the adjacent site for a primary school) under outline permission 12/02091/OUT | 9.23 | North East | Approved | 20/02/2025 | 1 | N | Y | N | Y | Y | Y | N | N | Y | Y | N | N | N | 2 km | 1 km | 3 km | 1 km | Within Connah's Quay Wards: Goffyn Flint: Castle Coleshill and Trelewlyn Flint: Oskenholt ³ | Yes | Located within ZOIs | Y | Y | N/A | Yes | Located within ZOIs, Scale and nature likely to have a significant effect, and potential overlap in temporal scope |
| 358 | DPP4/22/01080 | Wirral Council | Former Mod Site, Wirral | 05/07/2022 | Outline planning application with all matters reserved except for points of access (from Old Hall Road and across Warren Lane) for residential development of up to 249 dwellings with associated parking, servicing, landscaping, drainage features and associated infrastructure | 12.95 | North East | Conditional Approval | 21/12/2022 | 1 | N | Y | N | Y | Y | N | N | N | Y | Y | N | N | N | 5 km | 1 km | 3 km | 1 km | Within Connah's Quay Wards: Goffyn Flint: Castle Coleshill and Trelewlyn Flint: Oskenholt ³ | Yes | Located within ZOIs | Y | Y | N/A | Yes | Located within ZOIs, Scale and nature likely to have a significant effect, and potential overlap in temporal scope |

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