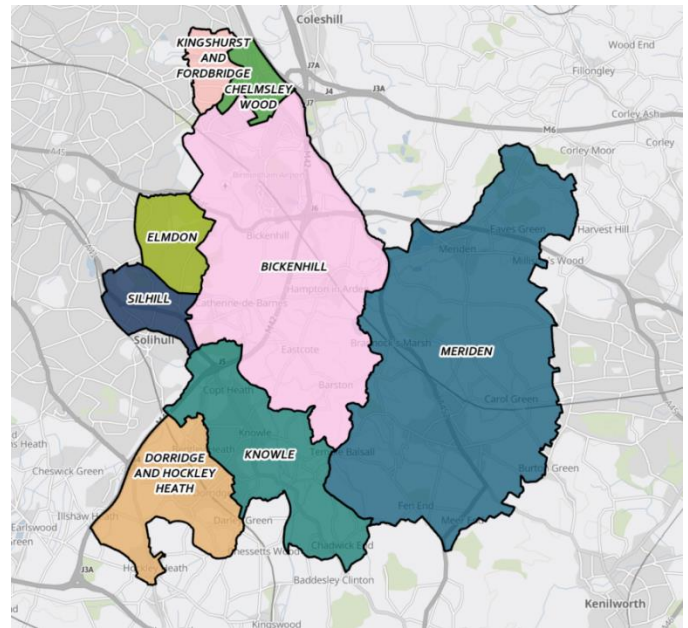## 2024 Constituency Narratives: Meriden & Solihull East

Warwickshire Wildlife Trust

- 4 nature reserves covering 17.99ha

- Landscapes projects in the area
    - Sherbourne Valley Project
    - Tame Valley Wetlands Project
    - Arden Farm Wildlife Network

Constituents

- Local Intelligence Hub Public opinion polls [national average]:
    - Considering voting for a different party at the next election (compared to 2019) = 40% [38.2%]
    - Would be less favourable towards the Conservatives if they weaken climate policies = 69% [69.1%]
    - Would prefer the next leader of the Conservatives to invest in renewable energy = 72% [72.2%]
    - Support renewable energy projects in their local area = 90% [85%]
    - Believe the government has increased investment in renewables over the past 5 years = 58% [51.9%]
    - Believe the government should use wind & solar farms to reduce energy bills = 86% [84.2%]
    - Believe the government should continue to block onshore wind development = 24% [24.2%]
    - Consider climate change a high priority = 53% [53.9%]
    - Mental health has been impacted by the cost of living crisis = 42% [41.6%]
    - Support net zero = 59% [60.6%]
    - Oppose net zero = 13% [12.7%]
    - Think the Conservative government do not understand the impact the cost of living crisis is having on people = 70% [68.0%]

- Indicative GBNS [Great British Nature Survey, The Wildlife Trusts and Defra Data Services Platform]:
    - 77.8% respondents 'agree' or 'strongly agree' that the loss of nature is noticeably affecting them
    - 77.8% respondents 'agree' or 'strongly agree' that climate change is noticeably affecting them
    - 44.4% respondents voted pollution as the most negative impact on nature in the UK
    - 22.2% respondents voted 'very' or 'somewhat effective' when asked "how effective are the National Government at protecting nature?"

Environment – area 13,367ha

Priority 1: Bring back Warwickshire's lost wildlife

Protected Sites & Landscapes © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2020-2.	Local Nature Reserves cover 129.2ha (1% of constituency area) Areas of Outstanding Natural Beauty cover 0ha (0% of constituency area) Sites of Special Scientific Interest cover 41.3ha (0.3% of constituency area) - 2.3ha in favourable condition (6%) - 5.7ha in unfavourable recovering condition (14%) - 33.3ha in unfavourable no change condition (80%)	
Habitats © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2022-4.	Ancient Woodlands cover 246.3ha (1.8% of constituency area) 0km of Priority River Habitat 0ha of Priority River Headwater Area Priority Habitat cover 728.1ha (5.4% of constituency area) - Deciduous woodlands cover 661.6ha - Grasslands cover 44.2ha - Wetlands cover 6.1ha - Traditional Orchards cover 16.2ha	

Priority 2: End river pollution and water scarcity

Water Quality © Environment Agency copyright and/or database right 2022. All rights reserved. The Rivers Trust. © Environment Agency copyright and / or database rights 2016.	346 sewage spill events recorded in 2022 with a total duration of 4076.4 hours 498 sewage spill events recorded in 2023 with a total duration of 6855.5 hours 59.6km waterways (rivers & canals) within constituency Ecological WFD status: - 43.5% poor quality - 37.3% moderate quality - 19.2% good quality	
Projections	Summer rainfall projected to decrease 14.68 - 20.16% under low - high emissions scenarios	

Priority 3: Fund wildlife friendly farming

Land Use © Gov.uk. Crown copyright and database right 2022.	Agricultural land accounts for 7029ha (52.6% of the constituency area)

Priority 4: Enable healthy communities

Greenspace © Crown copyright and/or database right 2023 Ordnance Survey	Greenspace covers 592.5ha (4.4% of constituency area)	
Country Parks © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2022.	Country parks cover 2.4ha (<0.1% of constituency area)	
Indices of Multiple Deprivation (2019) © Gov.uk. Crown copyright and database right 2019.	Mean average IMD decile of LSOAs = 6 Median IMD decile of LSOAs = 6	
Green Flag Awards 2023 Source	Dorridge Park and Gardens, Bentley Heath Recreation Ground, Knowle Park, Lavender Hall Park, Elmdon Park, Damson Lane Park, Meriden Park & Babb's Mill Recreation Ground & Local Nature Reserve. The Green Flag Award Scheme is a national project to reward the best parks and green spaces in the UK.	

Priority 5: Tackle the climate emergency

Projections	Average annual temperature projected to increase 1.21°C - 2.00°C under low - high emissions scenarios Maximum summer temperature projected to increase 1.85°C - 2.90°C under low - high emissions scenarios
Local Authorities	SMBCs Wildlife Ways programme has planted thousands of trees, over 3 million bulbs and millions of wildflowers across the borough over recent years - equivalent to around 57 football pitches Source 2021/22 Net Zero Action Plan: Source - Annual Greenhouse Gas Emissions of2020 saw a 15% reduction on 2019 emissions - 39% of municipal waste was recycled in 2020/21; below the national average of 42.3% but on par with the West Midlands average of 38.8% Two improved cycle routes created in line with the Local Cycling and Walking Infrastructure Plan (LCWIP), located on Blossomfield Road in Solihull town centre and in Knowle Source

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Priority Habitats Inventory: Contains data created and provided by Cumbria Biodiversity Data Centre on behalf of Cumbria Wildlife Trust. The data has been extracted from Cumbria Wildlife Trust's Grassland Inventory and is used under the CC BY 4.0 International licence terms - https://creativecommons.org/licenses/by/4.0/

Climate metric projections: Data made available under a Creative Commons Attribution 4.0 International License.Data downloaded from the Climate Risk Indicators website (https://uk-cri.org/), a collaborative project between the UK Climate Resilience Programme, the University of Reading, UK Centre for Ecology and Hydrology, and The Institute for Environmental Analytics. The climate projections are based on the probabilistic strand of the Met Office's UK Climate Projections 2018 (UKCP18), which consists of 3,000 climate scenarios for each emissions scenario, and each of the values mapped here come from the median member of these 3,000 scenarios.

IMD 2019: averages calculated from LSOAs whose centroids locate within the constituency. The entire LSOA may not always lie within the new constituency boundary.