



1. Does the council have a climate adaptation strategy?
 - a. If yes, is this rolled into the mitigation/Net Zero strategy or is it set out in the form of a separate/stand-alone document?

Wigan Council's Climate Adaptation strategy is part of our Outline Climate Change Strategy. Wigan Council's Climate Adaptation Strategy is part of the 6 Climate Change Action Themes, specifically, the Our Resilience & Adaptation theme, which has its own separate document.
 - b. Please provide link to the document.

[Climate change and sustainability](#)
[Adaptation and Resilience Action Plan 2020-2026](#)
2. Has the council conducted a climate risk assessment?

The Council does not have a specific climate risk assessment; however, climate change and extreme weather events is factored into the Council's financial risk register.

 - a. If yes, please provide link to the document
 - b. If yes, was it produced using the Local Partnerships Risk Areas Matrix?
 - c. What sectors does the climate risk assessment cover?
 - Public buildings
 - Residential buildings
 - New developments
 - Schools
 - Care homes
 - Roads and other transport infrastructure
 - Communication networks – telecom and ITC
 - Energy infrastructure
 - Local businesses
 - Other – please specify
3. Has the council also produced a local climate adaptation action plan with associated timeframe for implementing and reviewing the strategy?

The Council has a specific Adaptation & Resilience Action Plan:

 - a. If yes, please provide link to the document
[Adaptation and Resilience Action Plan 2020-2026](#)
4. What measures has the council put in place to withstand the climate impacts (e.g. severe heat, flooding, coastal erosion) experienced or predicted for your area? For example, by implementing:
 - a. Measures to alleviate flood risks and manage flooding

The Council has implemented several Nature Based solutions, such as Slow the Flow schemes.

The "Slow the Flow" schemes are designed to manage water flow and reduce flood risks by utilising natural processes and features.

We have worked to enhance local moss land and peatlands as well as installing several leaky dams across the borough.

We have facilitated wetland creation, including ponds, Slow the Flow ditches and enhanced flood plain grasslands, which all contribute to managing and alleviating flood risks.

Working in partnership with Resilience for Communities to deliver Flood Risk management schemes within the borough.

The Flood Risk Team have utilised new and innovative technologies to record flooding and flood risk across the Borough in partnership with Hello Lamp Post and Kaarbontech.

- b. Measures to increase resilience of new building developments to climate impacts

New build social housing are built to low carbon standards, with the ability to add heat pumps as a heating source when funding becomes available.

- c. Measures to reduce excess heat in new residential buildings
None.

- d. Measures to address overheating in schools, hospitals, care homes and other public buildings

Currently working with partners to produce strategies and systems that address overheating.

- e. Places for the public to gather in the event of a major climate disaster

There are places designated for the public to gather in the event of a major incident and are part of the Council's wider approach to civil contingencies.

- f. Blue and green spaces

See answers to section (a) for blue spaces.

The Council have been enhancing/creating wildflower meadows and have achieved the creation of 16 ha of wildflower meadows in 5 years and have planted over 87,000 in 6 years.

- g. Strategies to manage climate-induced health problems

Wigan Council works across the borough to reduce the impacts of climate related health problems by promoting healthy lifestyles and active travel.

The Council works with partners, as well as its own officers, to engage with residents over key issues like flooding and the associated health problems.

- h. Improvements to make transport infrastructure more resilient

Wigan Council has made the following improvements to the transport infrastructure.

- **Flood Risk Management: Improved drainage systems and Sustainable Urban Drainage Schemes (SuDS) to reduce surface water flooding on roads.**

- **Heat Resilience:** Updated Road surfacing specifications to withstand hotter temperatures and prevent heat-related damage.
- **Sustainable Transport:** Expanding walking, cycling, and public transport options to reduce emissions and improve air quality.
- **Asset Monitoring and Early Warning Systems:** Deployment of gully/winter maintenance sensors and predictive maintenance technology to monitor road conditions during extreme weather events.
- **Resilient Materials and Design Standards:** Use of durable materials that can withstand temperature extremes and heavy rainfall.
- **Community Engagement and Emergency Planning:** Development of flood action groups.
- **Flood Risk Mapping:** Mapping of flood risk areas to minimise the impact and identify investment opportunities.

i. Nature based solutions, such a tree planting or creating wetlands
See answers to (a) and (f).

j. Coastal defences
N/A as Wigan borough does not have a coastline.

k. SuDS (sustainable drainage systems)
SuDS are often incorporated within the Council's directly delivered new affordable housing schemes, the rationale being SuDS are designed to manage surface water runoff in a way that mimics natural drainage processes. Instead of quickly channelling water into sewers, SuDS slow down and treat runoff, reducing flood risk and improving water quality. This typically includes permeable hardstanding and on-site attenuation to manage discharge of surface water. SuDS systems have been built at recent developments including Miles Lane, Shevington and St Marys, Ince. The Lead Local Flood Authority is a statutory consultee on planning applications and conditions the inclusion of SuDS on new developments, as well as restricted discharge rates.

l. Water efficiency measures
None.

m. Ways of working with farmers to increase resilience of the food system and align adaptation objectives
None.

n. Measures to enhance community engagement
Wigan Council are working with partners such as Resilience 4 Communities and Groundwork to engage with local communities that are largely affected by flooding events. Wigan Council also have dedicated officers who sit in a Climate Response Team who engage with residents, students, elected officials and businesses across the borough. They work to promote positive climate action and raise awareness about the effects of climate change.

The Flood Risk Team have worked with communities to introduce new Community Flood Action Groups, helping communities prepare for flooding and take ownership of their risk and actions.

The Flood Risk Team have also developed Project Yellowfish, which looks to bring the teaching of flooding and pollution into the classroom.

- o. Are there other key measures that you have taken? Please give details.

No

- 5. Does the council have access to all the necessary information, technical advice and support to deliver on adaptation planning and implementation?

Yes.

- 6. Has the council identified funding gaps hindering its ability to implement adaptation action planning?

Yes

- a. Which aspects would be priorities for additional funding?

Extreme heat events and Flood Mitigation.

- 7. Has the council identified shortfalls in its capacity, skills and experience to deliver required adaptation actions?

Yes.

- a. If yes, what is needed?

Additional resources.

- 8. Is the Council aware of, and does it have the capacity to draw in, external funds for climate adaptation measures?

The Council has been awarded external funding.

- 9. Did the council submit a report to ARP4?

No.

- a. If yes, please provide a link

- 10. Has the council supported the call, as articulated by the LGA, for local authorities to be given statutory duties and powers, sufficient funding and robust support to lead on climate action including adaptation?

No.

- a. If yes, please provide link documenting this support