

Climate Change Statement

Part 1: Applicant Details

Applicant:

Khadim Supersave

Agent:

DC-Collective Ltd

Site Address:

1 Blacker Road,
Birkby,
Huddersfield, HD1 5HU

Description of Development:

Retrospective application for the retention of a rebuilt single-storey flat-roofed front extension to an existing local convenience store, constructed on the same footprint and to the same height as a previously approved lean-to structure.

Part 2: Climate Change Mitigation and Adaptation Measures

Q1. What measures have been / will be taken to reduce the energy demand associated with the proposed development beyond the minimum required in Building Regulations?

The development involves the retention of a small-scale single-storey extension that replaces an older, less efficient structure. Although no new floorspace is created beyond that previously approved, energy demand has been reduced through:

- Replacement of a poorly performing historic lean-to with a more thermally efficient structure.
- Improved fabric performance relative to the former extension, reducing heat loss.
- A simplified form that reduces air leakage and improves operational efficiency.
- Retention of an existing local retail use, avoiding the need for additional or dispersed commercial premises elsewhere.

Given the retrospective nature and modest scale of the development, these measures are considered proportionate and appropriate.

Q2. What measures have been / will be taken to limit the carbon consumed through implementation and construction processes?

The proposal inherently limits embodied carbon impacts through:

- Reuse of the established footprint and built form, avoiding additional excavation or land take.
- Replacement of an existing structure rather than construction of new standalone development.
- Use of durable materials with a longer lifespan, reducing future replacement and associated carbon costs.
- Localised construction works, limiting transport-related emissions.

The rebuilt extension represents a lower whole-life carbon solution than continued maintenance of the former, degraded lean-to structure.

Q3. What measures have been / will be taken to utilise renewable or low carbon energy sources?

Due to the scale and nature of the development:

- The proposal does not introduce new plant or energy-intensive uses.
- No additional energy demand is generated beyond the established retail use.
- The flat roof form allows *future adaptability*, should renewable technologies become viable or required later.

In this context, the absence of on-site renewable energy is considered reasonable and proportionate, consistent with national guidance for minor development.

Q4. What measures have been / will be taken to ensure the building design and layout has been optimised to energy efficiency beyond Part L requirements?

Energy efficiency has been optimised through:

- Compact and simple built form, minimising exposed surface area.
- Improved construction detailing compared to the former structure.
- Rationalised shopfront design that reduces unnecessary openings and air leakage.
- Orientation and layout consistent with the existing building, avoiding additional shading or heat loss.

These design-led improvements support reduced operational energy demand without altering the established character of the conservation area.

Q5. What measures have been / will be taken to reduce potential impacts of flooding?

The proposal does not increase flood risk:

- No increase in footprint or impermeable surface area.
- No changes to existing ground levels or drainage patterns.
- Existing drainage arrangements are retained.

As such, the development does not increase flood risk on-site or elsewhere and complies with national policy on flood risk and climate resilience.

Q6. What measures have been / will be taken to reduce water stress associated with the proposed development?

Given the nature of the development:

- There is no increase in floorspace or intensity of use.
- No additional water demand is generated beyond the existing lawful use.
- Improved construction quality reduces the risk of leaks and water loss.

The proposal therefore does not contribute to increased water stress and maintains existing levels of water consumption.

Q7. What measures have been / will be taken to provide biodiversity net gains?

The development relates to a fully developed urban shopfront location and does not involve:

- Loss of green space.
- Removal of vegetation.
- Disturbance to habitats.

Given the constrained nature of the site and the retrospective retention of an existing structure, opportunities for on-site biodiversity enhancement are extremely limited. The proposal therefore results in no biodiversity loss, which is considered appropriate for the scale and context of development.

Q8. What measures have been / will be taken to reduce air pollution associated with the proposed development?

The proposal supports air quality objectives by:

- Retaining a local convenience store that reduces the need for longer-distance travel.
- Maintaining walkable access to everyday goods for the surrounding community.

- Avoiding any increase in traffic movements or servicing requirements.

During construction, impacts were temporary, localised, and limited in duration. No ongoing air quality impacts arise from the retained development.

Conclusion

This Climate Change Statement demonstrates that the proposed retention of the single-storey front extension:

- Responds appropriately to climate change mitigation and adaptation objectives.
- Is proportionate to the scale and nature of development.
- Does not increase energy demand, flood risk, water stress, or pollution.
- Aligns with the requirements of the Climate Change Guidance and the National Planning Policy Framework (December 2024).

Accordingly, the proposal is compliant with climate change policy expectations and should be supported as part of the overall planning balance.