

Climate Change

The Climate Change Act 2017 has been considered in preparation of this application. The social, economic and environmental benefits have been considered throughout the application.

Environmental Impact

The proposal produces negligible impacts on the environment from an emissions point of view. Our business aim is to drive sustainability for our customers to ensure we maximise diversion of PIW from landfill through offering potential recycling services or diverting materials to an Energy Recovery reuse.

Potential impacts of a proposal under future climate scenarios with reference to the Victorian Government's Climate Ready Regional Data Sheets for Greater Melbourne indicate future climate scenarios in the built environment that may have an impact on the Greencare proposed business:

Increasing sea level, storm surges and flooding

At this point in time flooding is not a risk to the property according to the Hume City Council Municipal Flood Emergency Plan.

Increasing hot days, heat waves and fire weather

The current building location has a risk management plans in place for storage of contained flammable materials under fire protection levels.

Potential increased fuel and energy costs

This can be mitigated by use of energy efficient vehicles and machinery.

Greencare proposes to adopt the following best practice measures in operation of the business to reduce greenhouse gas emissions:

Energy management

- Make and implement a plan to manage our business energy use
- Use energy bills to track how our energy use is changing over time
- Investigate renewable energy options.
- Adjust air conditioning temperatures according to the season
- Tune the building's heating, ventilating and cooling systems
- Install blinds inside or outside our building to keep cool on hot days
- Install LED lighting to save on electricity
- Equipment - encourage staff to turn off equipment they're not using
- Maintain our equipment for the best performance
- Get the most from IT systems; use energy efficient equipment or cloud based services
- Swap inefficient equipment for more energy efficient models

Transport and fleet

- Plan, coordinate and share trips to reduce transport distances
- Arrange client collections in area localities to reduce fuel consumption.
- Arrange sales team to provide quotations pending sample. Pricing can be based on verbal description, safety data sheets and sent images. Site visit can be arranged on inspection to reduce unnecessary trips.
- Train staff in fuel efficient driving techniques to cut fuel consumption, costs and emissions
- Encourage staff to use public transport for work-related travel by providing MYKI cards – for example customer meetings in city locations
- Provide facilities for staff who cycle, walk or run to work
- Buy carbon offsets for air travel

Waste reduction

- Separate recyclable and reuse materials and investigate recycling options
- Treat waste according to waste hierarchy – this includes diverting landfill and chemical treatment - Waste to Energy recovery where possible
- Identify waste item recycling opportunities including metals, batteries and raw chemical products.

Purchasing and supply chains

- Develop a sustainable procurement policy
- Buy products and services from businesses that are reducing their carbon emissions