

SUSTAINABILITY AND WASTE MINIMISATION POLICY STATEMENT

Cass Hayward LLP is a Consulting Engineering Practice specialising in the design, construction methodology, assessment and inspection of bridges and heavy structures together with technical services and advice for all aspects of bridge construction.

Cass Hayward embraces the principles of sustainable bridge construction which it recognises is a key issue in design, construction and maintenance of bridge structures.

Cass Hayward will actively contribute, where remits permit, to decisions in support of sustainable construction and will seek to develop its designs in a way that achieves value for money on a whole life basis that generates benefits not only to the Client, but also to society, whilst minimising environmental damage.

Our aims include collaboration with our Client's towards achievement of the following:

Design

- To provide effective management enabling sustainability considerations to be included within the design process taking into account environmental, social and economic needs.
- Use and development of enhanced sustainable products and services.
- Minimise the use of raw material in construction
- Minimise waste as far as practicable, and to promote recycling of waste for re-use.
- Encourage responsible sourcing of materials.
- Minimise the use of water as a resource.
- Minimise the impact of flooding.
- Minimise adverse visual impact where possible and appropriate

Maintenance considerations

- Provision of access for maintenance without disruption to traffic
- Provision of easy replacement of limited life elements
- Provision for replacement, widening, strengthening whilst maintaining the structure in service
- Minimise future maintenance

Cass Hayward will seek opportunities to promote the following

- Purchase products and materials that are ethically sourced.
- Effectively manage and mitigate environmental impacts
- Continually improve social and environmental performance
- Identify opportunities and implement actions to reduce carbon and the use of fuel; use of EA carbon equivalent calculator to test decisions relating to such as material selection.
- Submit prices and suggestions for more sustainable alternatives on a whole life cost basis
- Source timber that meets Forest Stewardship Council (FSC) standards where possible

Office based waste minimisation initiatives

- Recycling is implemented, with all reusable plastics, metals, glass and paper, batteries and cardboard being stored in designated areas and disposed of at recycling centres as appropriate or collected for recycling by a licensed waste contractor.
- Where possible all business reports are digitised and saved electronically to reduce use of paper. Sensitive documents are shredded and then also recycled.
- The company will replace standard lighting with energy efficient light bulbs where feasible and utilise the option of power saving modes present on all low energy consumption computers in the offices. With the exception of the dedicated server all computers and lighting in the offices are turned off at night.
- Heating systems are serviced regularly, thermostatically controlled and switched off when not required.

- Lighting is switched off when not required.
- Company vehicles are maintained at the intervals specified by the manufacturer to the specifications recommended by the manufacturer. Regular servicing ensures that the emissions from the vehicles are kept at the correct levels and also increases vehicle life.
- Vehicles are replaced regularly, which ensures the fleet is maintained at the latest emissions standards.
- Journeys are planned to minimise emissions and the use of fuel.
- Packaging materials are reused to minimise the use of new packaging.
- The Company will procure materials from sustainable sources as far as reasonable.
- We conform to Client guidelines involving our site works and field operations.
- All site work is undertaken in accordance with environmental legislation to ensure that our works and processes do not increase risk of contamination on-site.
- We take care to ensure that the materials used on site are appropriate to the job and will not present a contamination risk on site.

Signed: 
Partner (LLP Member)

Date: 23/04/2022