

3.11 Construction waste and recycling and waste facilities

LOCATION:	Cambridge and South Cambridgeshire
POLICY:	Cambridge: <ul style="list-style-type: none">• Policy 28: Carbon reduction, community energy networks, sustainable design and construction, and water use• Policy 57: Designing new buildings South Cambridgeshire: <ul style="list-style-type: none">• Policy CC/6: Construction methods• Policy HQ/1: Design principles
SCALE OF DEVELOPMENT:	All development (except householder)
TYPE OF DEVELOPMENT:	Residential and non-residential
SUBMISSION REQUIREMENTS:	Construction waste: Site Waste Management Plans (secured via conditions) Occupational phase waste management: <ul style="list-style-type: none">• Recap Waste Management Design Guide Toolkit (as required by Policy CS28 of the Cambridgeshire Minerals and Waste Core Strategy).• Proposals in Cambridge should also submit Cambridge City Council's Waste and Recycling Provision Checklist.
LINK TO THE SUSTAINABILITY CHECKLIST:	Wr.1, Wr.2, Wr.3

Policy context

3.11.1 One third of all waste in the UK is generated by the construction and demolition sector, making it the largest contributor to waste nationally. All new development should be designed to reduce construction waste and to make it easier for future occupants to maximise levels of recycling and reduce waste being sent to landfill. Storage capacity for waste, both internal and external, should be an integral element of the design of new developments.

3.11.2 Cambridgeshire County Council are responsible for detailed planning policy related to waste, in their role as the Minerals and Waste Local Planning Authority⁵². However, both the 2018 Cambridge and South Cambridgeshire Local Plans include policies to support the minimisation of construction waste and to ensure that waste facilities are integrated into the design of new developments in order to enable residents and building occupants to maximise levels of recycling and reduce the amount of waste being sent to landfill.

⁵² <https://www.cambridgeshire.gov.uk/business/planning-and-development/planning-policy/adopted-minerals-and-waste-plan/>

Submission requirements – Construction waste

- 3.11.3 The Sustainability Statement should outline the measures that will be taken to reduce construction waste and to maximise the amount of construction waste that is recycled. For schemes utilising construction methodologies such as BREEAM, reference can be made to credits being targeted under the waste section of the methodology. In some cases, notably for major developments, planning conditions may be used to secure the submission and implementation of Site Waste Management Plans.
- 3.11.4 There are a range of methods that can be implemented to reduce construction waste. WRAP (Waste and Resources Action Programme) have identified five key principles that design teams can use during the design process to reduce waste:
- Design for reuse and recovery;
 - Design for off-site construction;
 - Design for materials optimisation;
 - Design for waste efficient procurement; and
 - Design for deconstruction and flexibility
- 3.11.5 These are principles that should be applied to all scales of development and to all disciplines within the built environment, not only considering the construction of new buildings but also wider infrastructure including landscape design (including sustainable drainage) and civil engineering projects.

Further guidance

- 3.11.6 WRAP has produced a number of guides for the construction sector, including:
- Designing out waste: landscape opportunities, available online at http://www.wrap.org.uk/sites/files/wrap/Designing_out_Waste_landscape_opportunities.pdf
 - Designing out waste: A design team guide for civil engineering, available online at http://www.wrap.org.uk/sites/files/wrap/Designing_out_Waste_landscape_opportunities.pdf
 - Designing out waste: A design team guide for buildings, available online at: <https://www.modular.org/marketing/documents/DesigningoutWaste.pdf>
- 3.11.7 Further guidance is available from:
- UK Green Building Council (2019). Circular construction guidance for construction clients: How to practically apply circular economy principles at the project brief stage. Available online at: <https://www.ukgbc.org/wp-content/uploads/2019/04/Circular-Economy-Report.pdf>
 - For further guidance on BREEAM please see <https://www.breeam.com/>

Submission requirements: occupational phase waste management

- 3.11.8 In line with the requirements of the Cambridgeshire Minerals and Waste Core Strategy, all new development is required to follow the guidance set out in the RECAP Waste Management Design Guide SPD, and applicants should submit the associated RECAP

Waste Management Toolkit as part of their planning proposals. For applications in Cambridge, developers should also refer to Cambridge City Council's guidance on household waste and recycling facilities in new developments, which supplements and, in some cases, includes requirements that are additional to the RECAP Waste Management Design Guide. The City Council's Waste and Recycling Provision Checklist should also be submitted.

Further guidance

3.11.9 For the RECAP Waste Management Design Guide SPD and RECAP Waste Management Toolkit, please see: <https://www.cambridgeshire.gov.uk/business/planning-and-development/planning-policy/recap-waste-management-design-guide/>

3.11.10 For Cambridge specific information, please see:

- Waste and recycling guide for new developments, available online at:
<https://www.cambridge.gov.uk/waste-and-recycling-guide-for-developers>
- Waste and recycling checklist for developers, available online at:
<https://www.cambridge.gov.uk/media/2795/waste-and-recycling-provision-checklist.pdf>