

In addition to the above the Cabinet Member for Social Regeneration, Great Estates and New Council Homes has been leading on addressing the embodied carbon and resource impact of regeneration, in the new council homes programme. Schemes are also looking at utilising timber products to reduce the huge amounts of embodied carbon in cement and steel; every tonne of cement releases 900kg of carbon and every tonne of steel 1,000kg.

The New Council Homes and Great Estates programme is focused on delivering environmentally friendly homes for rent that are low waste and low impact, and ensuring new developments deliver ecological and environmental improvements for everybody through the Great Estates programme.

The council is presently seeking a construction partner and this will be a key priority for the construction company.

These are some of the measures being taken to deliver low waste and low impact council homes:

- Bringing forward construction using low impact materials and implementing low ecological impact forms of development (rooftop development, waterways development)
- New Homes Design Guide requirements
- Nature recovery plans, biodiversity measures of new habitat development, including increase in tree canopy coverage
- Bringing forward low embodied energy development (first projects due on Woodland Road, with more due at Fendall Street, Maltby Street, Ann Moss Way, Rotherhithe Old Road)
- Explore options for partnership moves into commercial forestry.
- Establish a technical pathfinder towards carbon negative operational energy (initial target of EPC ratings of A and B for all new developments, incorporation of new heat store, energy management and renewable technologies; move to Passivhaus standard)

The Great Estates programme will include the following:

- Allotment expansion guarantee . Rolling out secure food growing plots where residents can provide a maintenance plan, basic water source and tools. Over 200 have already been identified on the 7 'pilot' estates. There

will be Commonplace exercises to help establish demand for remaining 253 estates. This will link in to food security work.

- Two community gardening coordinators now recruited to roll out allotment programme, wildflower planting, estate-based tree planting programme, enabling new community gardening groups and strengthening existing networks.
- Partnership work with London Wildlife Trust.

The following national lobbying is taking place on this agenda:

- Changes to onerous new building regulations hitting the viability of low waste low impact forms of development (e.g. retrofitting sprinklers in host building for rooftop)
- Structural timber ambiguity in building regulations, where European countries are creating new presumptions (e.g. France now require timber for all new public buildings) <https://www.architectscan.org/safe-timber>
- Reforestation presumption in planning for Green Belt for carbon capture and sustainable timber farming.