

By choosing the Beattie Passive Build System over a traditional housebuilder, you could save 5189 tonnes of carbon (CO₂e).

That's the equivalent to...



86,483

TREES GROWING FROM SEED FOR 10 YEARS



12,067

BARRELS OF OIL NOT BEING BURNT



1.12

WIND TURBINES RUNNING FOR 1 YEAR

Beattie Passive's whole life carbon impact is 1460 tonnes, which is 78% lower than a traditional build. Beattie Passive has a net zero carbon operational performance, and an embodied carbon of 242 tCO₂e/m², which is compliant with the RIBA 2030 challenge.



Beattie Passive employs local workers, upskills them in sustainable building, and gives them a new, futureproof vocation.



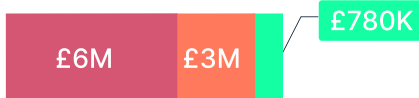
Residents will get access to affordable housing that saves ~£2,200 on their yearly bills. They will also gain the health benefits associated with living in a passive house.



Local Authorities can provide housing to low income residents, and stable homes to those in temporary accommodation. Additionally, the housing stock is improved by 2 EPC bands.

Potential Life Cycle Cost savings exceeding £17M, when compared to a like-for-like traditional masonry build, with average energy consumptions.*

BEATTIE PASSIVE



TRADITIONAL MASONRY



■ CONSTRUCTION ■ MAINTENANCE ■ OPERATIONAL



*Life cycle of build assumed to be 60 years, in line with guidance from the RICS