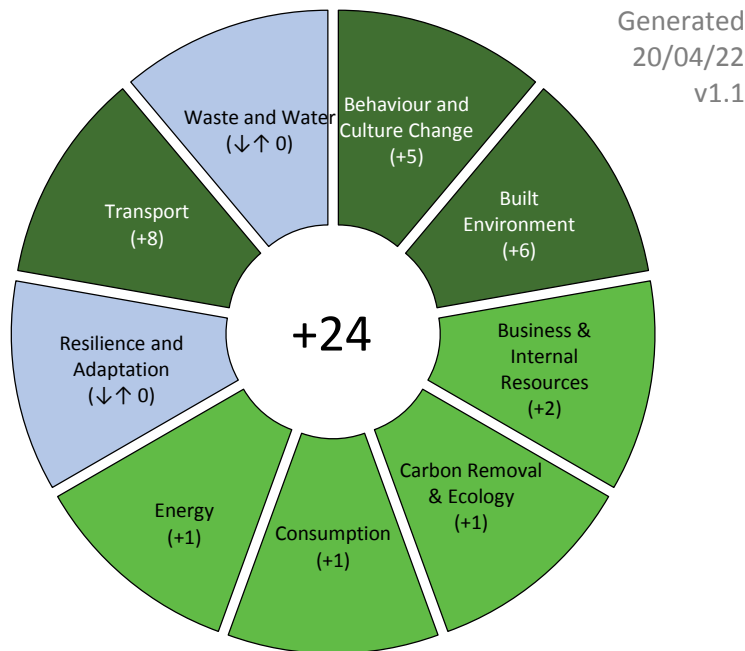


Replacement Nottingham Central Library at the Broadmarsh Development



Nottingham is aiming to become the first carbon neutral city in the country by 2028 (5 years and 8 months away).

- This project is limited in its effectiveness to contribute towards the City Council's aim to achieve net carbon neutral status by 2028 due to the fact that the project management of the "shell and core" construction, which the Library will sit within, is outside the scope of this project. For example, options for natural ventilation is not possible as the Library has a defined position within the car park which includes full height windows.
- Due to the fact that the Broadmarsh Development has been constructed and is now open (the Central Library is being fitted out within the car park "shell") it is impossible to alter any elements of the buildings infrastructure.
- The majority of the Library space and movement of visitors is at the north elevation of the new development, where glazing on this north elevation will maximise natural light and prevent excessive heat gain.
- A Solar Photo Voltaic (PV) farm will be installed on the roof of the new car park. This renewable energy resource will benefit the entire development including the Library, which will significantly reduce the energy use and carbon footprint.
- The scheme will be delivered by a contractor on the SCAPE Group framework which has active KPIs to manage and monitor contractors and their supply chain in the delivery of sustainable schemes.
- SCAPE Construction contractors have been selected because of their carbon literacy and demonstrable ability to meet environmental targets. Carbon measurement and benchmarking is standard on projects as part of the SCAPE Construction framework. The procurement and project standards are built on LETI net-zero design guide and RIBA 2030 climate challenge principles. The contractors are all carbon literate contractors and are compliant with PPN 06/21, with Carbon Reduction Plans in place.

- The future services offered by the Library are to consider re-useable and sustainable proposals such as a toy library, a nappy library and tool library. This will be reviewed within the new programme of work, managed by the Libraries team.
- The Business IP Centre based at Central Library actively encourages entrepreneurs and growth of businesses. The service provides free business support to start-up business owners, entrepreneurs, and inventors across Nottinghamshire and neighbouring areas which can include the development of green businesses/ businesses which are focussed on delivering green technologies, research, services.
- The new location of the Library is much more efficient in terms of space and staffing as well as utility demand/ consumption.
- As part of the car park development and adjacent to the bus station, staff and visitors are closer to the train station enabling a wider variety of travel options to the site. A new cycle hub is also being installed as part of the car park development aiding active travel opportunities.
- The new Central library has been designed to be much easier in terms of customer flow and customer accessibility including facilities such as recycling points.
- The library by its nature can be an educational tool for increasing awareness to a wider audience and provide positive messages.