

Springfield Meadows



Project category

Finalist



Image credits: Greencore Construction

Springfield Meadows is a project of 16 private and 9 affordable zero-carbon homes, all built to the same Passivhaus thermal performance standards.

Benefitting from diverse shared outdoor spaces and private gardens, the high-performance homes provide comfortable, low-carbon living, thanks to the use of 'Biond' timber panels insulated with hemplime and wood fibre.

Key info

- Project name:** Springfield Meadows
- Project location:** Southmoor, Oxfordshire
- Building completion date:** 07/2022
- Building size (sqm):** Houses between 63 and 309 sqm
- Construction cost (approx.):** 10 million
- Construction type:** MMC Biond panels - closed timber panels insulated with hemplime and wood fibre
- Building use:** Residential

Project team

- Architect/designer:** Greencore Construction
- Client:** Sovereign for the affordable home, various other
- Contractor:** Greencore Construction
- Consultants:** BBOWT, Bioregional, Infostruct, Hydrovane, AWL, R-Eco

Highlights

- Net-zero energy in use.
- All 25 homes are built to the same Passivhaus thermal performance standards.
- Worked with Bioregional's 'One Planet Living' framework to achieve their Global Leader certification.
- Local Wildlife Trust partnership.
- Elimination of gas utilities to create an all-electric development and eliminate fossil fuels.

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