

Structural Timber Association

AGM– 11 April 2024

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Home Builders Federation



Priority Theme 2: Promoting the safe, sustainable use of timber as a construction material – Demand.



The England Trees Action Plan 2021-2024

May 2021



UK Government



England Trees Action Plan – May 2021-2024

Encouraging the use of timber via a ‘green economy’

Gov & HBF to develop the TiC Roadmap (Dec 23)

Environmental Improvement Plan 2023

Maintaining a sustainable supply of timber products.

Encouraging tree planting to increase domestic timber supply.

Gov funding, grants & Loans for additional UK tree planting

Timber in Construction Roadmap – Dec 23

Tree planting +16.5% by 2050

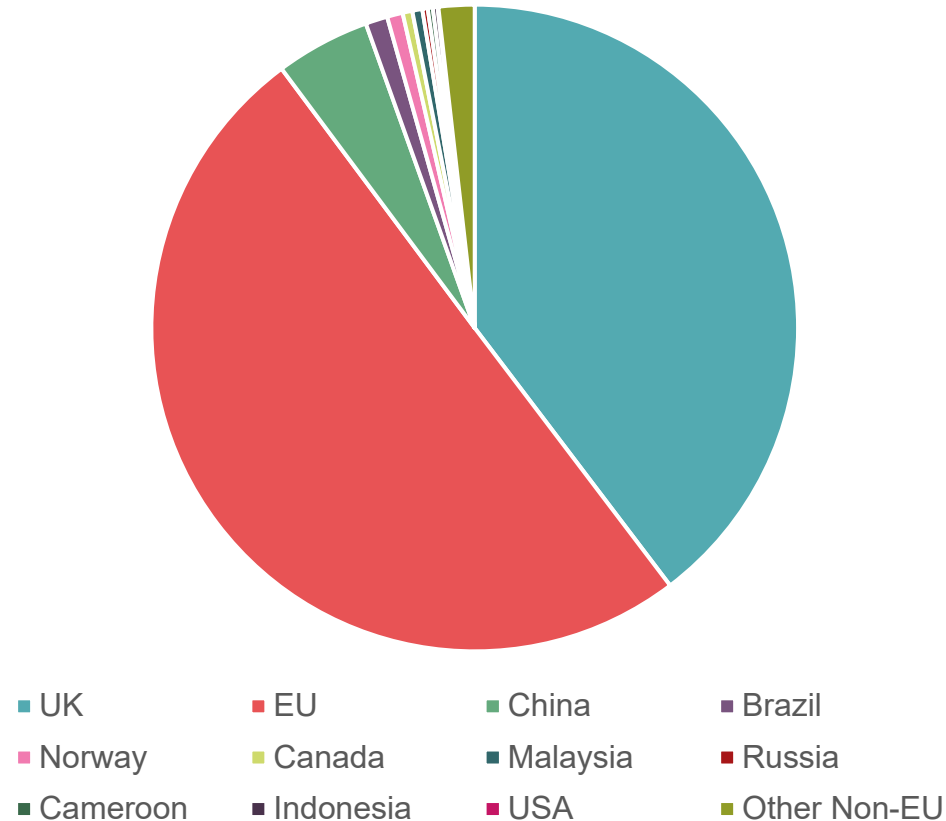
Sustainable sourcing & use of timber

7 Key priority themes for delivery



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UK Timber Imports in 2018 (1000 cu m)



CIOB March 2024

UK Availability of wood sourcing

UK currently growing **20%** of its wood requirement

60% imported from Scandinavia

20% global import (elsewhere)

Only **63%-67%** of the UK Net Annual Increment (NAI) of available timber is felled.

UK Temperate climate – Spruce. **40yrs maturity**
C16 Class timber

Nordic Climate – Spruce **60yrs maturity**, C24
Class or higher.

UK & Industry promotion of C16 grade timber
Warranty & Insurance acceptance of C16 grade
timber in UK Housebuilding.



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- Government to encourage more MMC & Offsite Construction to meet housing targets.
- Industry to embrace more MMC & Offsite construction to meet demand.
- Homes England, Housing Associations & Registered Providers to make UK sourced materials, manufacturing and delivery a condition of lending.
- Government & Industry to increase awareness and promote sustainable sourced UK materials incl Timber Frame in FHS.
- Developers to promote UK timber frame, FHS, Low Carbon & Sustainable efficient housing.



Wigston Meadow, Leicester



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- Larch disease (*Phytophthora Ramorum*). Wales & elsewhere in UK. First identified in 2002. EA & NRW legally obligated to respond. 10yr felling programme. Replacement with broad leaf, deciduous, Spruce and Native Species-A commercial opportunity for UK Timber.
- Future Homes Hub – Whole Life Carbon Assessment 2025. Embodied Carbon, Operational Carbon, End of Life & recycling.
- 73% of timber Ind current carbon footprint originates from importation & transportation. (Timber Industry Net Zero Roadmap).
- Part L 2025 FHS. Low Carbon Homes. Timber frame construction perfectly placed to respond.
- Raising Customer/Public awareness for timber frame & Low Carbon Homes.



Space4 Persimmon Homes



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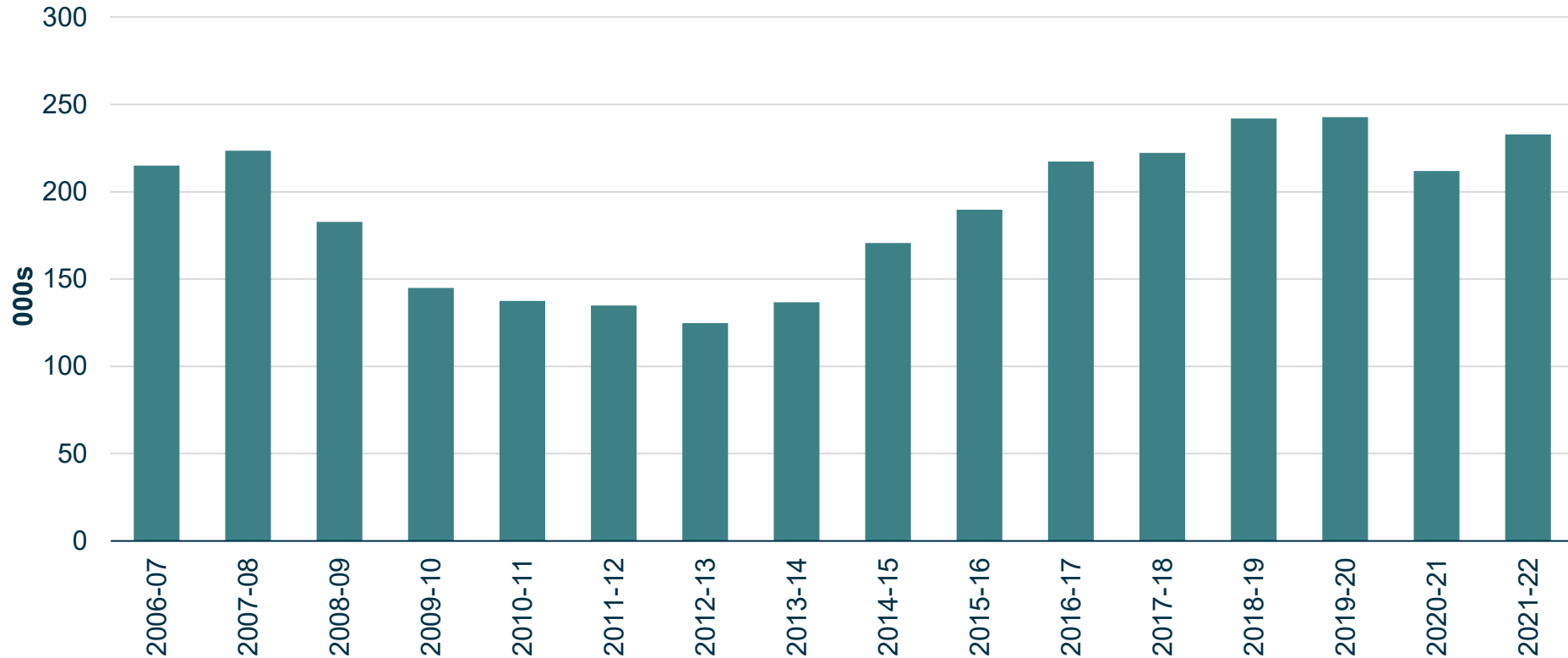
Summary

- 1 Increasing Home grown timber over imported timber
- 2 Whole Life Carbon – Lower embodied carbon UK housing
- 3 Design, Specify & Recognise C16 timber over C24 (10% cost saving)
- 4 Larch Disease & Forestry clearance-Opportunity for more UK timber
- 5 Specify UK manufactured OSB, Chipboard & MDF over imported plywood
- 6 Part L FHS; Promotion of Low Carbon Homes & timber frame homes
- 7 Whole Life Carbon Assessment – Favour UK Timber Frame construction.
- 8 Elevate & Increase Public Awareness for Low Carbon timber frame homes
- 9 Responsible Sourcing – UK supply chain, ESG, Lending criteria, proof of forest management certification



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Net Housing Supply in England 2006 to 2022





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