

### Datblygu'r diwydiant pren yng Nghymru Making wood work for Wales

Strategaeth Ddiwydiannol ar gyfer Pren Timber Industrial Strategy

Naomi Matthiessen











#### Making Wood Work for Wales

The Welsh Government's Timber Industrial Strategy

# Making Wood Work for Wales: Priorities



- 1. Increasing timber supply
- 2. Increasing resilience in our forests
- 3. Resource efficiency and circular economy
- 4. Instilling confidence in demand
- 5. Developing sector capacity
- 6. Underpinned by behaviour change

Social Housing pipeline - stimulating demand



## TAI AR Y CYD





































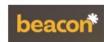
















If you want to go fast - go alone. If you want to go further - go together

#### Tai Ar Y Cyd – Vision & Benefits

- 25 social landlords collaborating to build our aggregated pipeline of next generation, high performing, healthy, sustainable & affordable homes.
- Benefits of innovative collaboration already being realised.



#### Tai ar y Cyd documents







Performance specification







attern book details



### Circular and Foundational Economy Possibilities

#### Timber first, fabric first

Supply chain engagement

Mapping of existing timber frame manufacturing sites has been undertaken to establish the potential supply chain locations that could serve construction of the Tai ary Cyd Pattern Book homes.

13. PK Joinery

16. SO Modular

14. PYC Construction

15. Roe Timber Frame Ltd

17. Target Timber Systems

19. TRJ Construction Ltd

21. JSI Timber Frame

20. Williams Homes Bala Ltd

23. Cambrica Timber Frames

24. Crendon Timber Frame

1. Ashdown Construction Group

2. Benfield ATT

3. Celtic Offsite

4. Creating Enterprise

5. Down to Earth Project

6. Fforest Timber Engineering Ltd

7. FREDS Timber frame Ltd

8. Huws Gray Timber Engineering

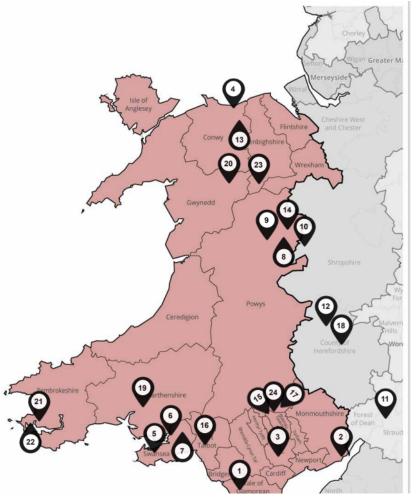
9. Kenton Jones

10. Lowfield Timber Frames Ltd

11.MBC Timber Frame UK Ltd

12. Merlin Timber Frame Ltd















#### **Prototyping - 16 Landlords – 12 sites - 400 Homes**

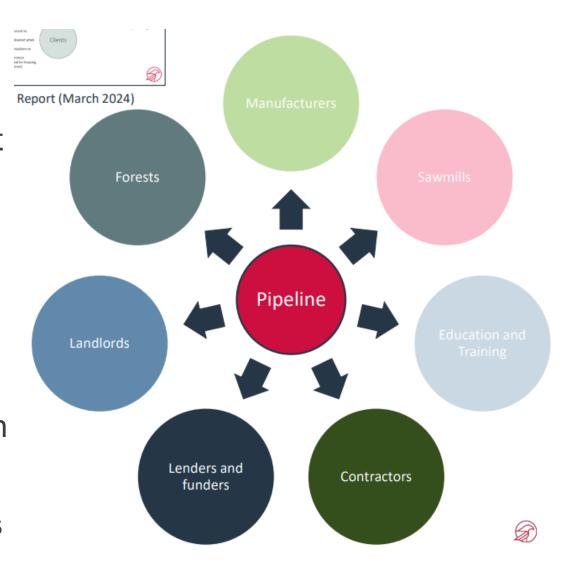
- Community of Practice
- Safe space deep listening high challenge sharing - accelerated earning
- Immediate demand for Welsh timber
- Cost optimisation possibilities
- Surface Skills needs
- Placemaking/Planning engagement
- Resident engagement healthy homes





#### **Pipeline Visibility**

- Pipeline visibility is needed to build this market opportunity
- Immediate priority
  - What information is needed?
  - How do we bring this pipeline information to life?
  - What can we learn from others incl ScottishFutures Trust Pipeline Tool?
- This pipeline with frame procurement options for social landlords





### Tai ar y Cyd Recognition During 2025

 Constructing Excellence in Wales – 2025 Collaboration Award







Structural Timber Association – 2025 Pioneer Award

"the best thing to happen in timber construction in years

- Welsh timber frame manufacturer



#### **Home Grown Homes 2**

Llywodraeth Cymru Welsh Government

A Welsh Government-funded project, in two phases. The project sponsor is Powys County Council with Woodknowledge Wales as the delivery body.

**Purpose** – to create a more climate resilient future by expanding timber use in social housing to accelerate decarbonisation of the natural and built environments.

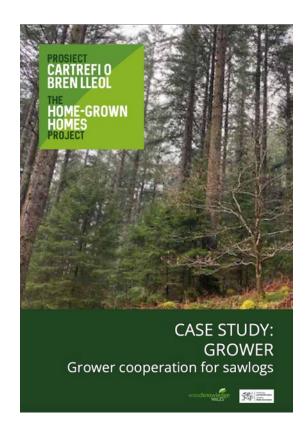
**Phase 1 (2018 - 21):** applied knowledge gained from delivery of high performance, low carbon, timber social housing to inspire the development of Wales's forest industries and identify policy opportunities.

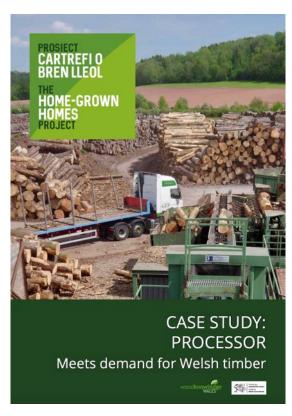
**Phase 2 (2023 - 26):** supporting implementation of new policies across decarbonisation, social housing, forestry, circular and foundational economy to drive sector development, inform and support implementation of Wales's first Timber Industrial Strategy.

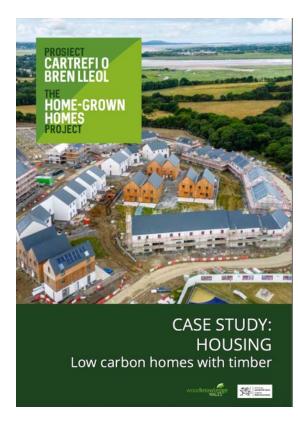
#### Project Outputs: Case studies

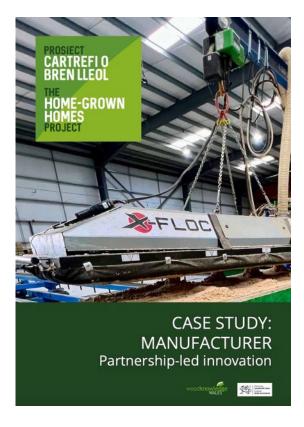
https://woodknowledge.wales/home-grown-homes-case-studies/









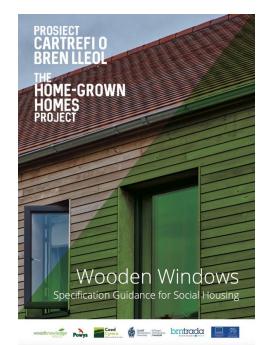


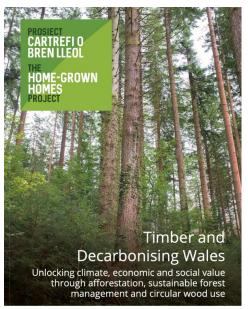
#### Project Outputs: Guidance & Reports

https://woodknowledge.wales/home-grown-homes-guidance/

https://woodknowledge.wales/reports/



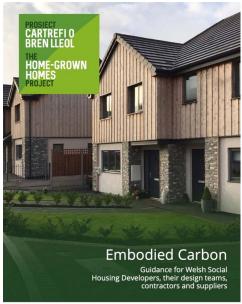




woodknowledge













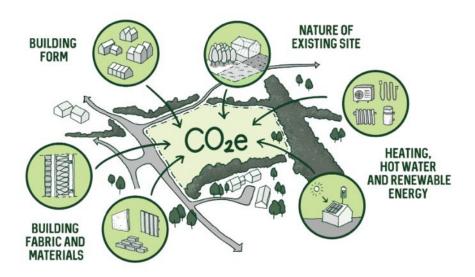
#### **Project Outputs: Tools**

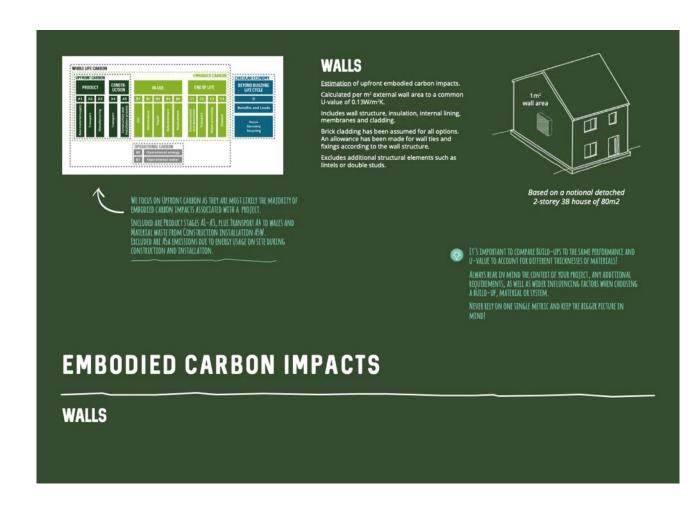
https://woodknowledge.wales/tools/



# EARLY STAGE EMBODIED CARBON TOOL

This tool seeks to inform users on the embodied carbon implications of key decisions made as part of a new low rise housing development process.









#### Other things to mention...

• Flexible Skills Programme - in Nov 2024 Welsh
Government added Forestry and Timber Supply Chain as an eligible sector Flexible Skills Programme (FSP) | GOV.WALES

Welsh Government

- Prioritisation of future productive tree species work by Forest Research and partners Bangor University and Edinburgh Napier University to create a future productive species selection tool for Wales.
- Confor Industry Leadership Group The ILG will be led by the private sector with Welsh Government collaboration and regular access to the Cabinet Secretary

#### Diolch yn fawr / Thank you



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