Future Homes Hub

HBF Policy Conference

From fixing policy to industry-led change

12th May 2022

Many new Government and Financial changes coming on environment and climate



2021 F,L,O and S building regulation changes

2025 Future Homes Standard

Biodiversity Net Gain

Nutrients neutrality

Water neutrality

National Model Design Code

ESG requirements & HMT's Transition Plans



Future Homes Hub

Roadmap

Collaboration

Focus on safe and smooth delivery

Making sure change is industry led focused on improving homes and places for people.

Future Quick policy conference tour of initial Hub work Homes Hub Policy Policy Policy compliance Industry leadership co-design fixing

Future Homes Hub

Brief reminder of the background

Task force

Goal: develop a strategic delivery framework covering all environmental areas with:

Outputs:

- Commitments
- Roadmap
- Delivery body

Task Force

The Task Force has overseen the development of the Delivery Plan.

The Task Force brings together representatives from across all the sectors that shape new homes, including the government, housebuilders, utility providers, material suppliers and environmental groups.

Neil Jefferson Managing Director (Co-Chair)

Edward Lockhart-Mummery

Convenor Broadway In Hinthe in

Rob Boughton Chief Executive Thakeham Group

Director OFWAT

Director of Policy Imperial College









Victoria Hills Chief Executive RTPI

Julie Hirigoyen Chief Executive UK Green Building Council

Emma Howard Boyd Chair Environment

Chair Peabody

Lord Kerslake

Kinsella

Executive

Linning England

Director

Rebecca

Speight

RSPB

Chief Executive

Stephen

McCarthy

Water UK



Pinchbeck Rowlands

Chief Executive Camden Council



NHBC





Rachael Whelan Land &





Neil Kenward







Sustainability Dienatae



McGourty Chief Executive

Rhian-Mari

Chief Executive

Green Finance

Thomas

Inchischer







Anone

Emily Bulman Alyssa Gilbert





HBF

Shaun

Chair

Supply Chain

Custologobility

David Thomas

Group Chief

Developments

Executive

Barratt

Delivery Plan





THE FUTURE HOMES DELIVERY PLAN

The sector-wide climate and environment plan for high quality homes and places

Summary of the goals, the shared roadmap and the Future Homes Delivery Hub





• Published in July 2021

Summary of the goals





High-quality homes that are zero carbon ready and sustainable. Target levels to be set for 2025 (See page 8).





Places and developments that are consistently low carbon, nature-rich, resilient, healthy, well designed and beautiful by 2025.





Production and construction methods that are net zero and sustainable by 2050 with substantial progress by 2025 and 2030.



Businesses operations in line with the Race to Zero: net zero by 2050 with a 50% reduction by 2030.





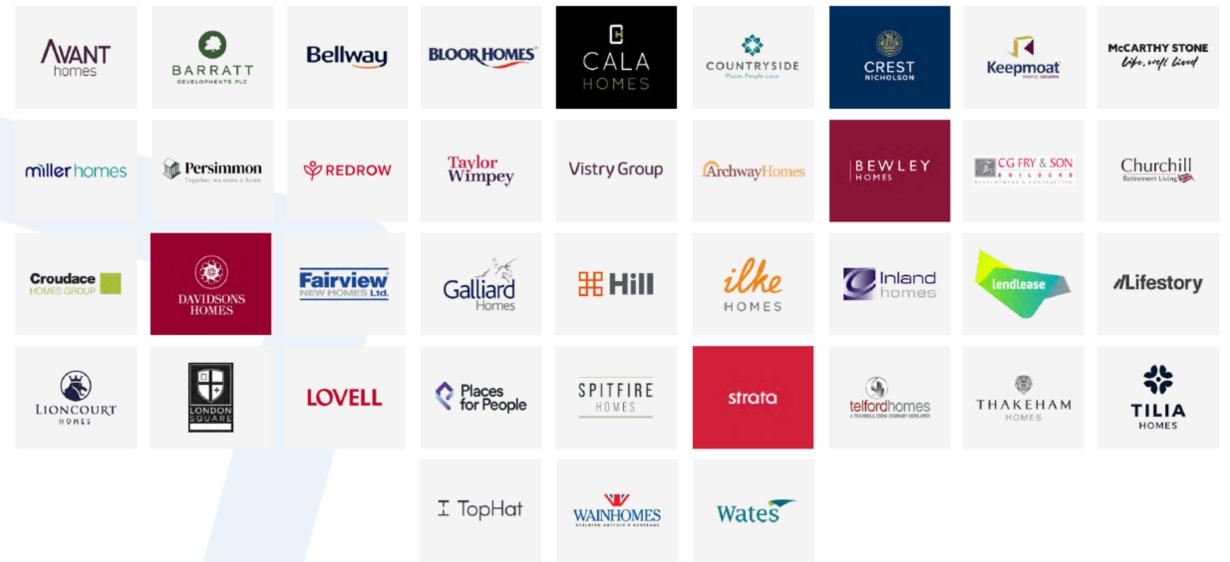


Total delivery scope: commitments and roadmaps

	HEADLINE GOAL	FROM 2025	FROM 2030	FROM 2040				
Homes that are:	Zero carbon ready	Zero carbon ready (for regulated energy) across all homes, with very high fabric efficiency standards. (kith/m2/yr; precise levels to be determined), investigation of how further to reduce energy demand and emissions sector-wide.						
	Healthy, safe and comfortable	Target levels to be set for 2025 for interlinked elements such as: overheating, air quality, sound, space and accessibility, safety and daylighting.						
	Water efficient	Work with government to develop a roadmap in 2022 to achieve greater water efficiency in new development, including exploring the role for a fittings approach, for new technologies and annovative water systems and the potential for future targets for reducing water use in 2025 and 2020.						
	Designed for sustainable living							
Places that:	Are well designed	All relevant applications will consistently design low carbon, nature, sustainable lifestyles, resilience, health and beauty into developments, in line with the National Model Design Code as early as possible. This will include greater connectivity with low carbon modes of transport.						
	Maximise Biodiversity Net Gain	Optimise benefits for nature and people from Biodiversity Net Gain once introduced. If appropriate, once properly analysed and understood, pilot the move to Environmental Net Gain and, work with the Government to develop the methodologies.						
	Achieve water resilience	All relevant applications give early and strategic consideration of how to proactively manage long term flood risk and water resilience, availability and quality at site and property level including the use of multi-benefit SuDS.						
	Respect environmental thresholds	Collaborative action to reduce pressure across the system, notably in areas vulnerable to nutrient overloads, water stress and floods.						
Production and construction that achieves:	Zero embodied carbon	Ambition to meet or exceed the World GBC Net 2 2040 and/or other dates as appropriate.	or exceed the World GBC Net Zero pathway, with rapid analysis to set robust and stretching targets for 2025, 2030 and r dates as appropriate.					
	Resource efficiency	Incremental improvements and target to be set for 2025, 2030 and 2040.	Zero avoidable waste at all stay	idable waste at all stages of the construction lifecycle by 2050.				
	Water off size or	Early work to set reduction targets for, 2025, 2030 and 2040.						
	Water efficiency	Up to 30% reduction.	Up to 40% reduction.	Up to 50% reduction.				
	Low emissions to air	Air quality target to be set for 2025, 2030 and 2040.						
Businesses operations that are:	Net zero and sustainable	Establish and implement wider sustainability goals.	50% reduction in business emissions by 2030.	Net zero business emissions by 2050.				

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This document sets out the commitment to collaborate on the goals and a shared roadmap through the Future Homes Delivery Hub.





lomes Task Force

Report of Fult

Meet the board

Board

The board has responsibility for supervising the translation of the delivery plan into deliverable business plans and for the overall management of the Hub and its business.

A few more to announce including local government and small business reps.



Sarah Jane Chimbwandira The Wildlife Trusts



Barry Cummins Homes England



Tara Deshpande

Department for Business, Energy & Industrial Strategy

Board Observer



Mark Jones

Future Homes Hub

Ed Lockhart

Future Homes Hub



Rachel Fisher

Department for Environment, Food & Rural Affairs

Board Observer



Rebecca Williams-Phelan

Department for Levelling Up, Housing and Communities

Board Observer



Steve Wood

NHBC

Levelling Up, Housing and Communities

Board Observer

Home Builders

Federation





John Palmer Department for

Meet the team

Operational team

The team works with the homebuilding sector and other partners on solutions and approaches that can be rolled out sector-wide.

Permanent 'head of' roles to be announced shortly leading work with the sector on each area of the roadmap



David Adams Strategic Adviser

Interim Head of Zero Carbon Placemaking and Nature

Josie

Cadwallader-

Thornewill



Mark Jones CEO

Company Secretary Part-time secondment



Ed Lockhart



Jill Day

Office Manager

Oliver Novakovic

Scale-up director Part-time secondment



Director





Future

Homes Hub

Tessa Hurstwyn

Technical Adviser

John Slaughter

External Affairs Director

Part-time secondment

3 year business plan

Translating the roadmap into the programme of work for the next three years

Homes and construction

- Prepare the sector for Part L and the Future Homes Standard
- Help the sector prepare for steps beyond the current Future Homes Standard
- An industry led proposal and roadmap for reducing embodied carbon.
- An industry led proposal for the Government's water efficiency roadmap

Place and nature

- Help the sector prepare for Biodiversity Net Gain
- Help the sector implement the National Model Design Code
- Work with Government on solutions to nutrient neutrality
- Corporate sustainability, metrics and ESG
 - Develop and implement common sustainability metrics
 - Work with lenders and valuers to reflect sustainability value and cost savings

Customers

- Develop customer guidance
- Develop a shared evidence base on customer views and perspectives
- Consider a collective approach to customer marketing

2022-23 Draft Business Plan And outline Business Plan for 2022-25

Draft: 4 April 2022

• Skills and supply chain

Future

Homes

Hub

- Develop a roadmap for addressing skills gaps for zero carbon homes
- Shared work to secure reliable supply chain for zero carbon products
- Communications, engagement and sharing
 - Reach smaller developers with the right information at the right time.
 - Sharing tests and trials
 - Facilitate online forums on key topics of common interest.

Leave feedback on the draft business plan:

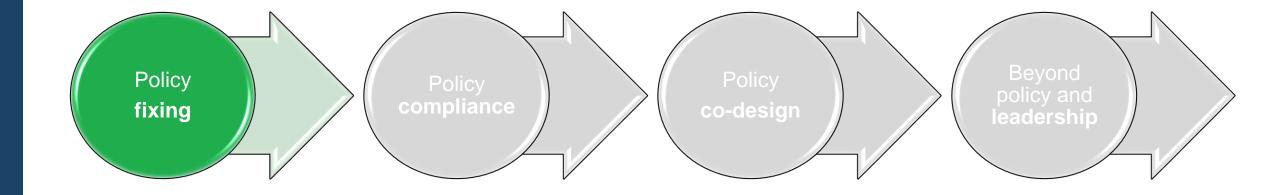
www.futurehomes.org.uk/library

Future Homes Hub

Future Homes Hub

Quick policy conference tour of initial work





Finding a safe space to work through barriers



Building regulations Parts O, L and S

Local authority zero carbon standards

Biodiversity Net Gain

Nutrients neutrality

For example tensions between different regulations and planning



Reconciling rules for

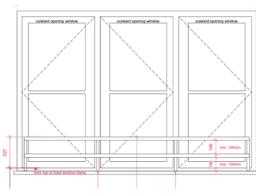
Fabric effiiciency Overheating Safety External design

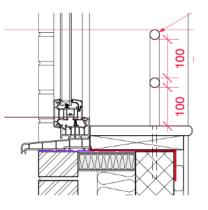


Before

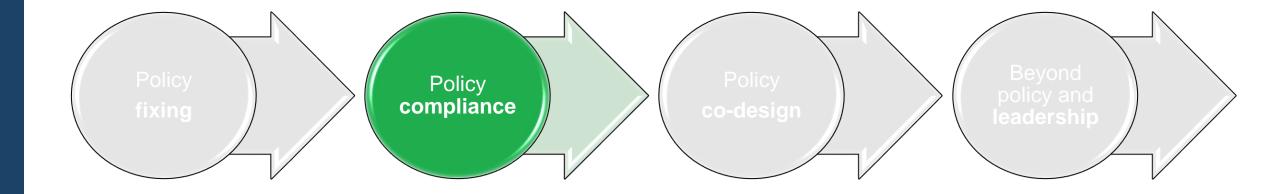
After

Guarding introduced:









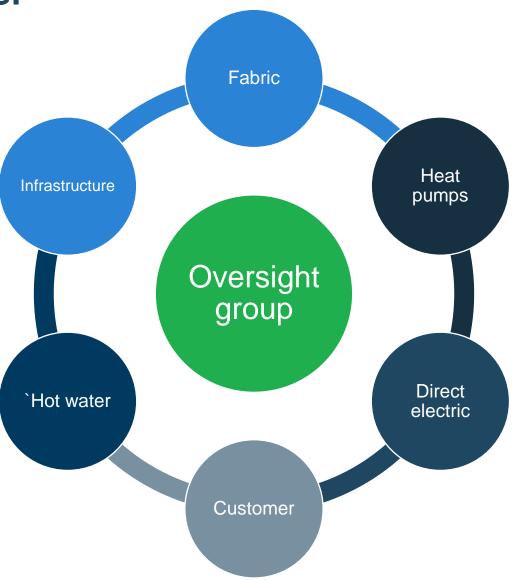
Preparing the sector for compliance



Building regulations **Future Homes** Parts F, L, O Standard and S National Model **Biodiversity Net** Design Gain

Code/planning

2021 Building regulation changes: bringing the experts together



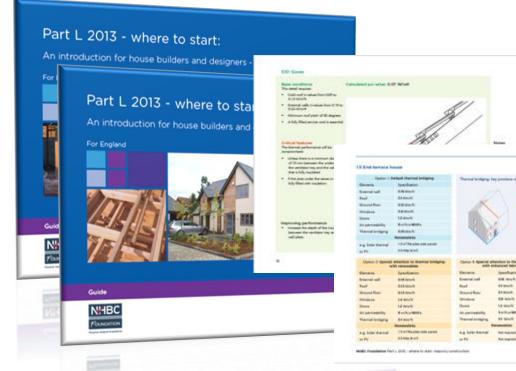
Future Homes Hub

2021 Building regulation changes: outputs

Simple guidance

Technical guides

on the new requirements already available at <u>www.futurehomes.org.u</u> <u>k/guidance</u> on where to start in May and June 2022.



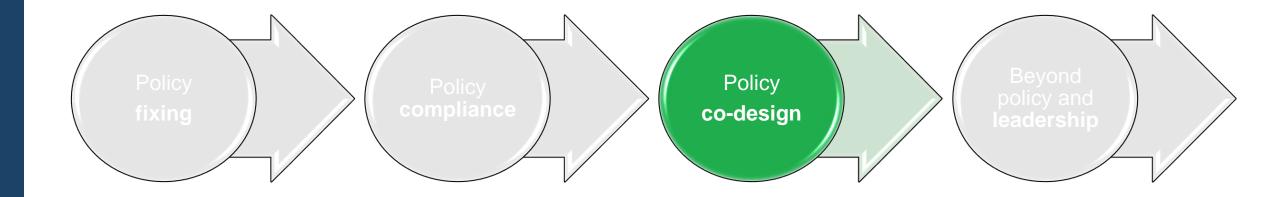
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Embodied carbon

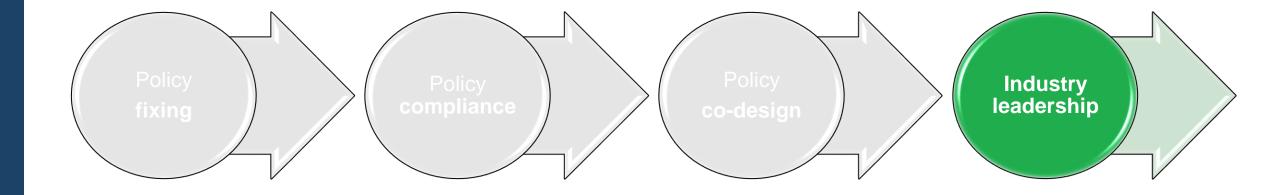
Building performance evaluation

Water efficiency

Working together on an industry approach to embodied carbon







Industry leadership





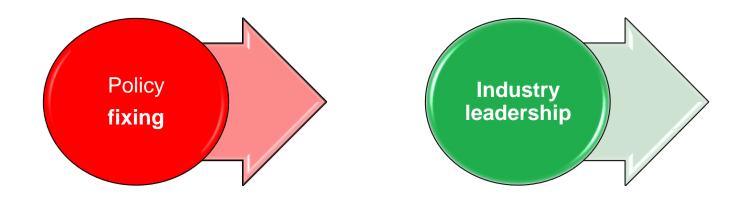
Aligning
finance and
ESGResponding
to the
customer

Leadership





Journey in the next three years



We need your participation to succeed