



# HBF Policy Conference

From fixing policy  
to industry-led change

12<sup>th</sup> 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

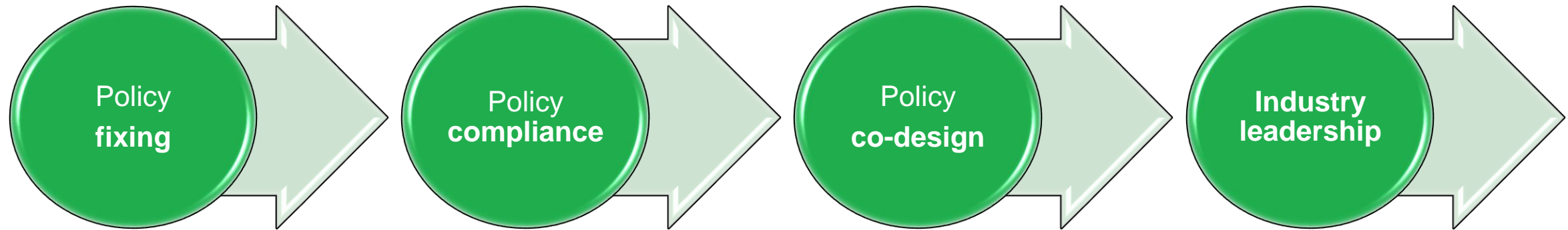
Roadmap

Collaboration

Focus on safe and smooth delivery

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

# Quick policy conference tour of initial Hub work





**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  
HBF  
(Co-Chair)



**Edward Lockhart-Mummery**  
Convenor  
Broadway  
Initiative



**Rob Boughton**  
Chief Executive  
Thakeham Group



**Emily Bulman**  
Director OFWAT



**Alyssa Gilbert**  
Director of Policy  
Imperial College



**Victoria Hills**  
Chief Executive  
RTPI



**Julie Hirigoyen**  
Chief Executive  
UK Green  
Building Council



**Emma Howard Boyd**  
Chair  
Environment  
Agency



**Neil Kenward**  
Executive  
Director  
OFGEM



**Lord Kerslake**  
Chair  
Peabody



**Stephen Kinsella**  
Executive  
Director  
Homes England



**Shaun McCarthy**  
Chair  
Supply Chain  
Sustainability



**Christine McGourty**  
Chief Executive  
Water UK



**Emma Pinchbeck**  
Chief Executive  
Energy UK



**Jenny Rowlands**  
Chief Executive  
Camden Council



**Rebecca Speight**  
Chief Executive  
RSPB



**David Thomas**  
Group Chief  
Executive  
Barratt  
Developments



**Rhian-Mari Thomas**  
Chief Executive  
Green Finance  
Institute



**Rachael Whelan**  
Land &  
Sustainability  
Director



**Steve Wood**  
Chief Executive  
NHBC



# Delivery Plan



- 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.

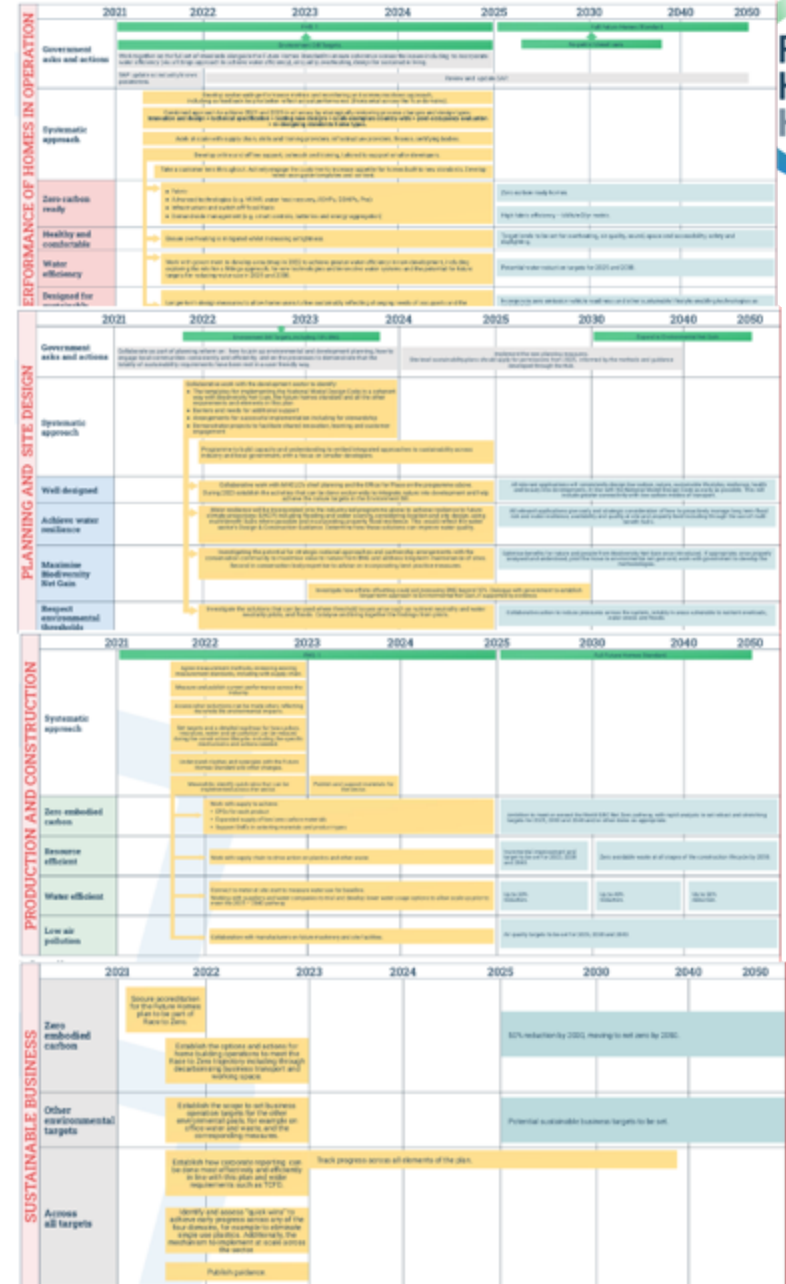




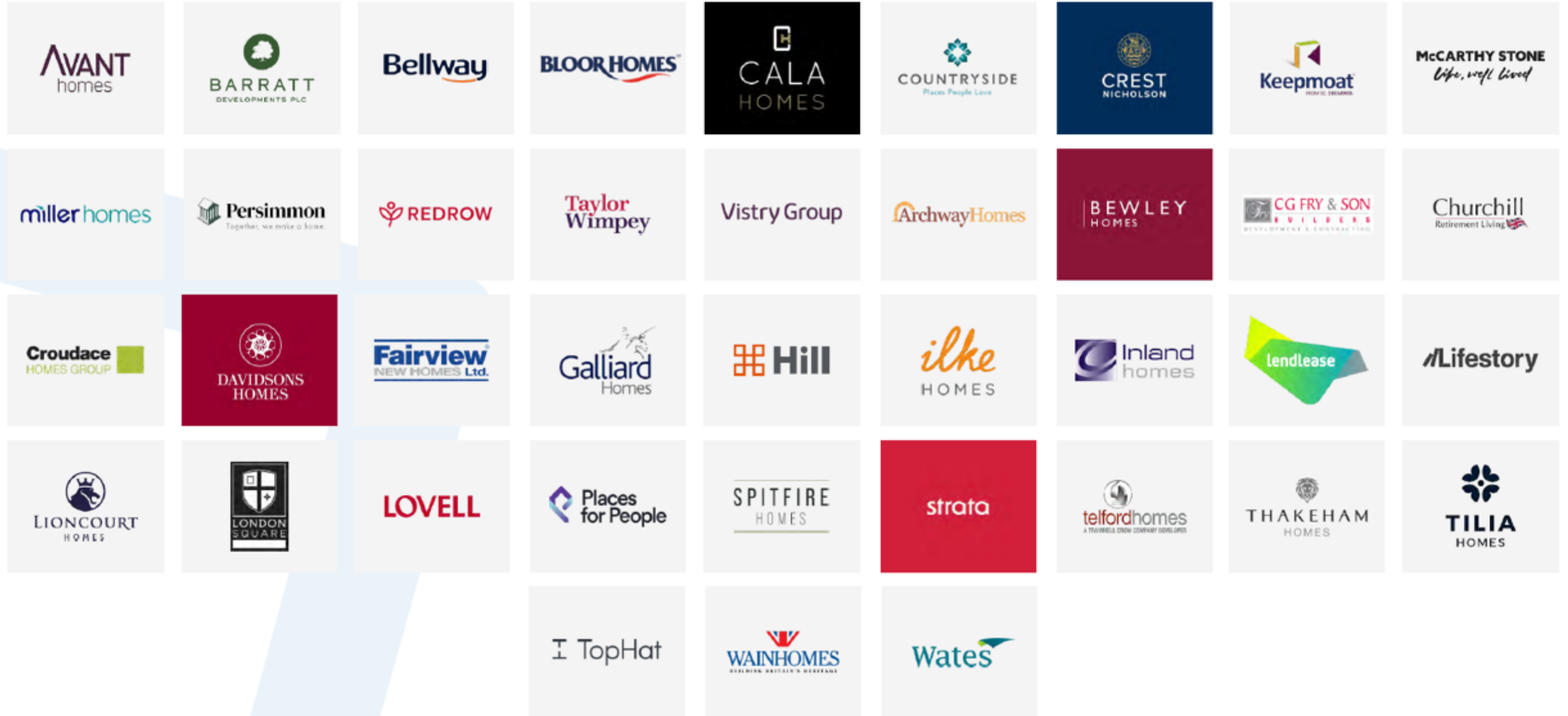
# Total delivery scope: commitments and roadmaps

|  | HEADLINE GOAL                          | FROM 2025   | FROM 2030   | FROM 2040                            |
|--|--|---|---|--------------------------------------|
| Homes that are:                            | <b>Zero carbon ready</b>               | Zero carbon ready (for regulated energy) across all homes, with very high fabric efficiency standards. (kWh/m <sup>2</sup> /yr, precise levels to be determined). Investigation of how further to reduce energy demand and emissions sector-wide.   |   |                                      |
|  | <b>Healthy, safe and comfortable</b>   | Target levels to be set for 2025 for interlinked elements such as: overheating, air quality, sound, space and accessibility, safety and daylighting.  |   |                                      |
|  | <b>Water efficient</b>                 | 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 innovative water systems and the potential for future targets for reducing water use in 2025 and 2030. |   |                                      |
|  | <b>Designed for sustainable living</b> | Incorporate technologies that enable sustainable lifestyles, including zero emission vehicle readiness.   |   |                                      |
| Homes that:                                | <b>Are well designed</b>               | 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.    |   |                                      |
|  | <b>Maximise Biodiversity Net Gain</b>  | 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.   |   |                                      |
|  | <b>Achieve water resilience</b>        | 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.   |   |                                      |
| Production and construction that achieves: | <b>Zero embodied carbon</b>            | Ambition to meet or exceed the World GBC Net Zero pathway, with rapid analysis to set robust and stretching targets for 2025, 2030 and 2040 and/or other dates as appropriate.  |   |                                      |
|  | <b>Resource efficiency</b>             | Incremental improvements and target to be set for 2025, 2030 and 2040.  | Zero avoidable waste at all stages of the construction lifecycle by 2050. |                                      |
|  | <b>Water efficiency</b>                | Early work to set reduction targets for 2025, 2030 and 2040.  | Up to 30% reduction.  | Up to 40% reduction.                 |
|  | <b>Low emissions to air</b>            | Air quality target to be set for 2025, 2030 and 2040.   |   | Up to 50% reduction.                 |
| Businesses operations that are:            | <b>Net zero and sustainable</b>        | Establish and implement wider sustainability goals.   | 50% reduction in business emissions by 2030.                              | Net zero business emissions by 2050. |

IMPROVED QUALITY AND CUSTOMER EXPERIENCE



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





In collaboration with HM Government:

# 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*



**Neil Jefferson**

Home Builders Federation



**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*



**John Palmer**

Department for Levelling Up, Housing and Communities

*Board Observer*



**Steve Wood**

NHBC



# 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



**Josie Cadwallader-Thornewill**

Interim Head of Zero Carbon Placemaking and Nature



**Jill Day**

Office Manager



**Chris Gaze**

Interim Programmes Director



**Tessa Hurstwyn**

Technical Adviser



**Mark Jones**

Company Secretary  
Part-time secondment



**Ed Lockhart**

CEO



**Oliver Novakovic**

Scale-up director  
Part-time secondment



**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**

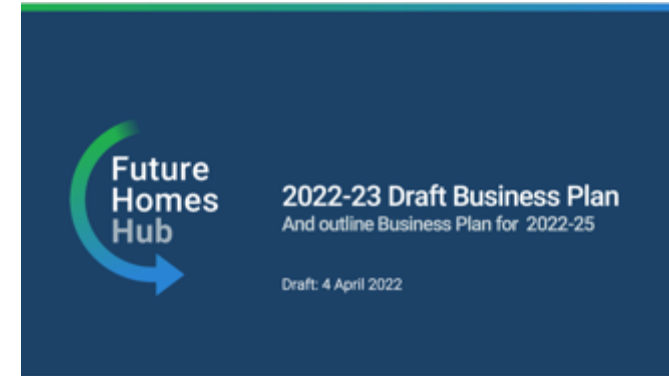
- Prepare the sector for Part L and the Future Homes Standard
- Help the sector prepare for steps beyond the current Future Homes Standard
- An industry led proposal and roadmap for reducing embodied carbon.
- An industry led proposal for the Government's water efficiency roadmap

- **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

- **Skills and supply chain**

- 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.

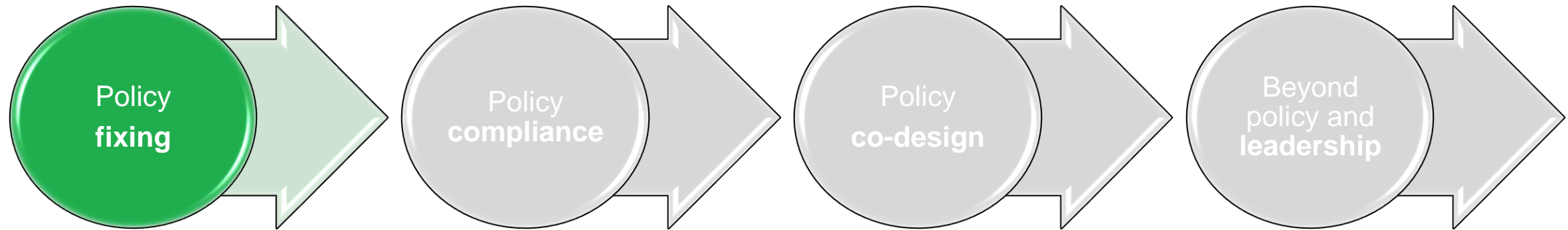
Leave feedback on the draft business plan:

[www.futurehomes.org.uk/library](http://www.futurehomes.org.uk/library)



**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



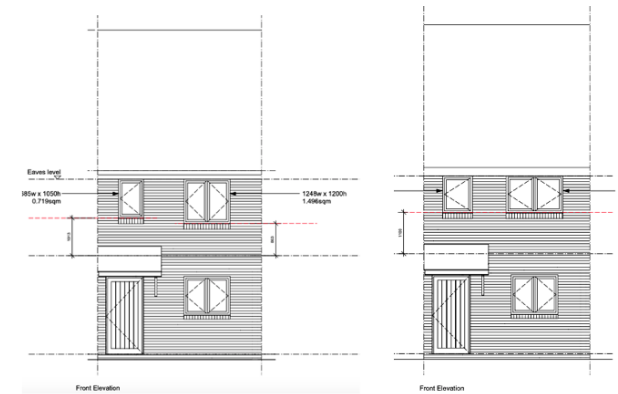
Reconciling rules for

Fabric efficiency

Overheating

Safety

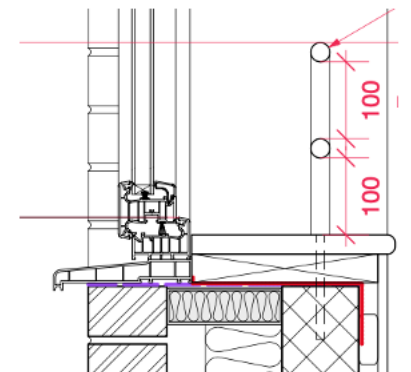
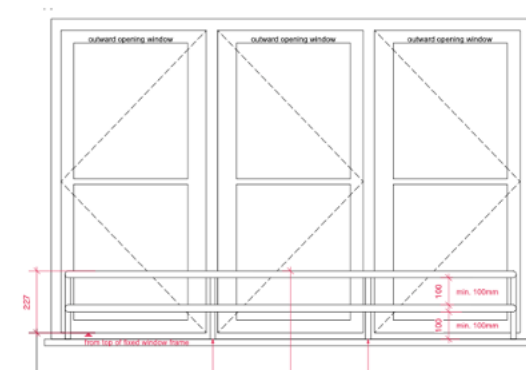
External design

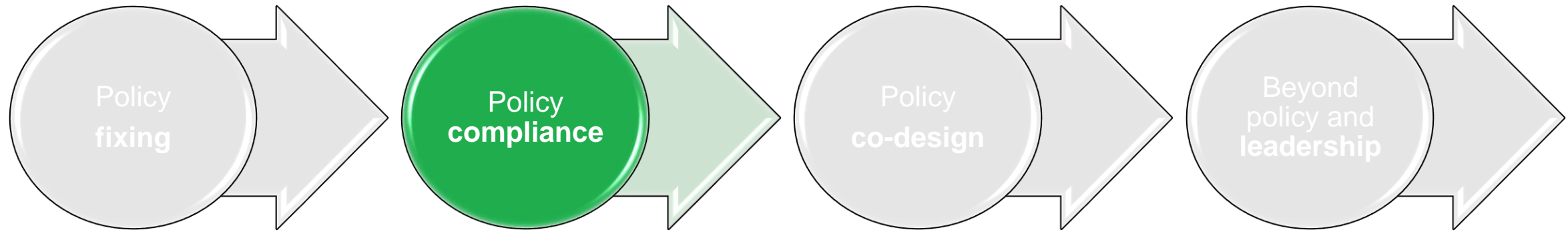


Before

After

Guarding introduced:





# Preparing the sector for compliance



Building  
regulations  
Parts F, L, O  
and S

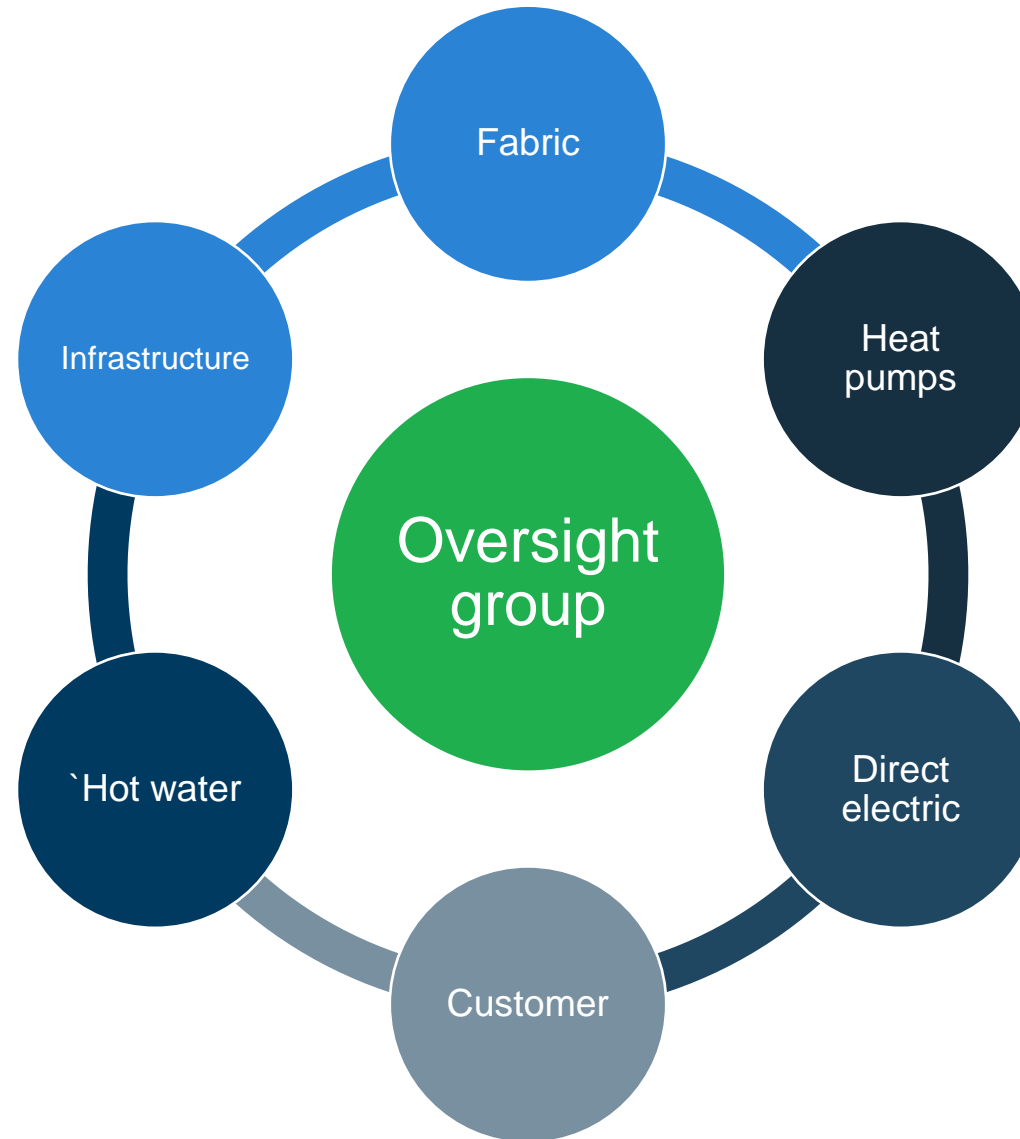
Future Homes  
Standard

Biodiversity Net  
Gain

National Model  
Design  
Code/planning



# 2021 Building regulation changes: bringing the experts together



# 2021 Building regulation changes: outputs

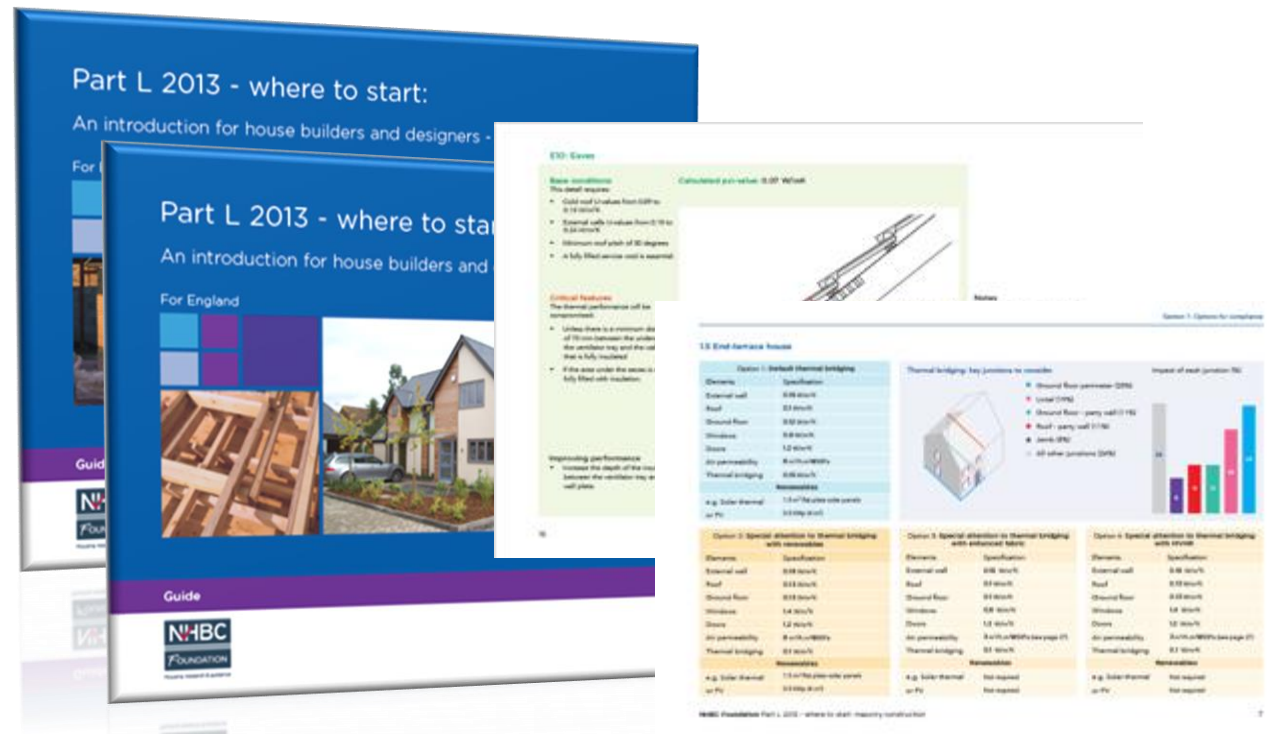


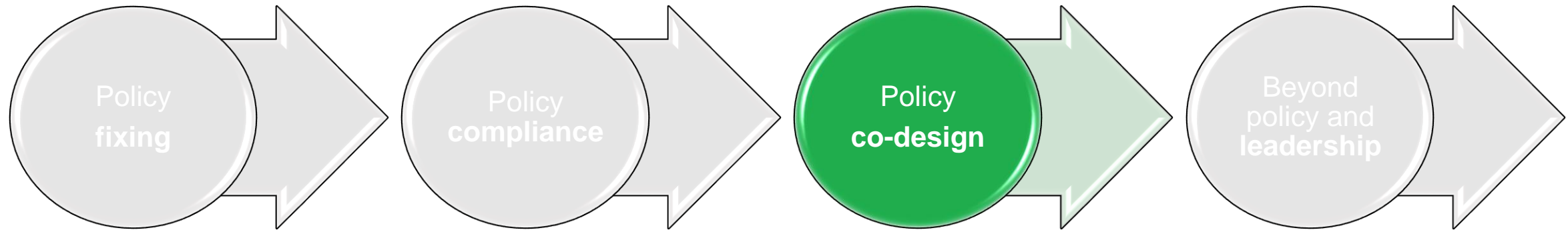
## Simple guidance

on the new requirements already available at [www.futurehomes.org.uk/guidance](http://www.futurehomes.org.uk/guidance)

## Technical guides

on where to start in May and June 2022.





# Industry led approaches to pipeline policy



Embodied  
carbon

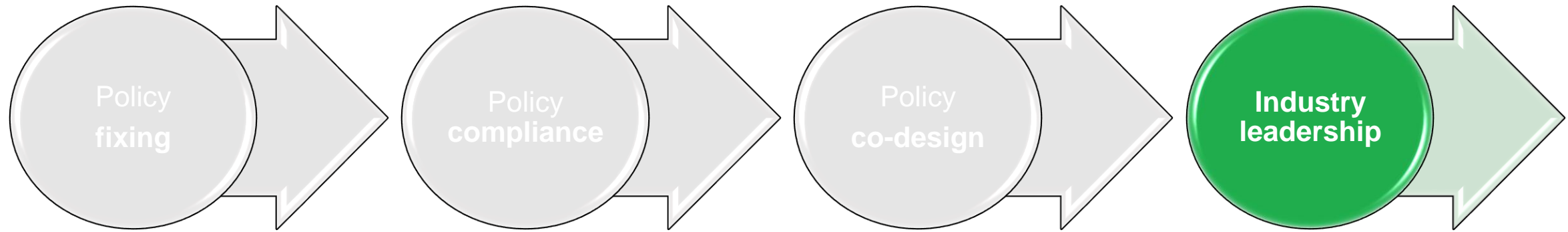
Building  
performance  
evaluation

Water  
efficiency



# Working together on an industry approach to embodied carbon





# Industry leadership



Common  
metrics

Reflecting  
value in  
pricing

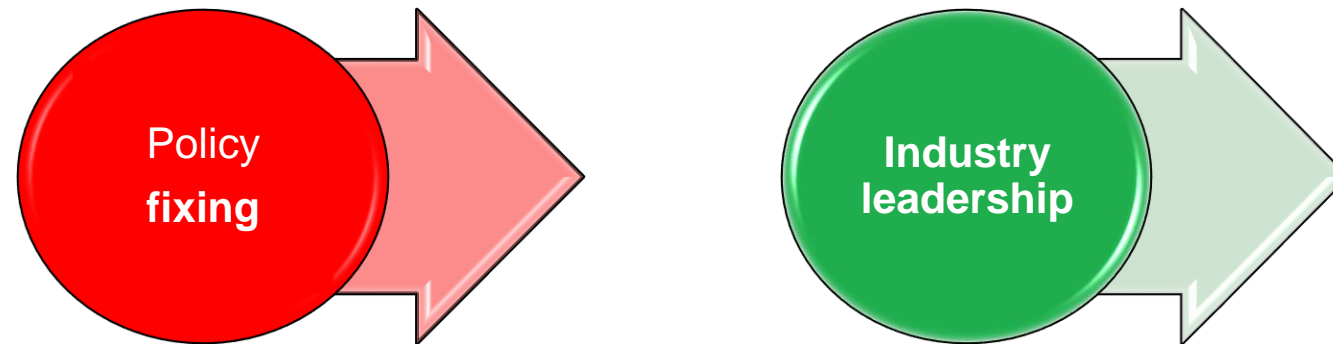
Aligning  
finance and  
ESG

Responding  
to the  
customer

Leadership

# Summary

Journey in the next three years



We need your participation to succeed