

#UKPHC19

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Homes Fit for the Future

Dr Richard Miller

Associate Director, Connected Places Catapult





Homes fit for the future

Agar Grove – Hawkins/Brown

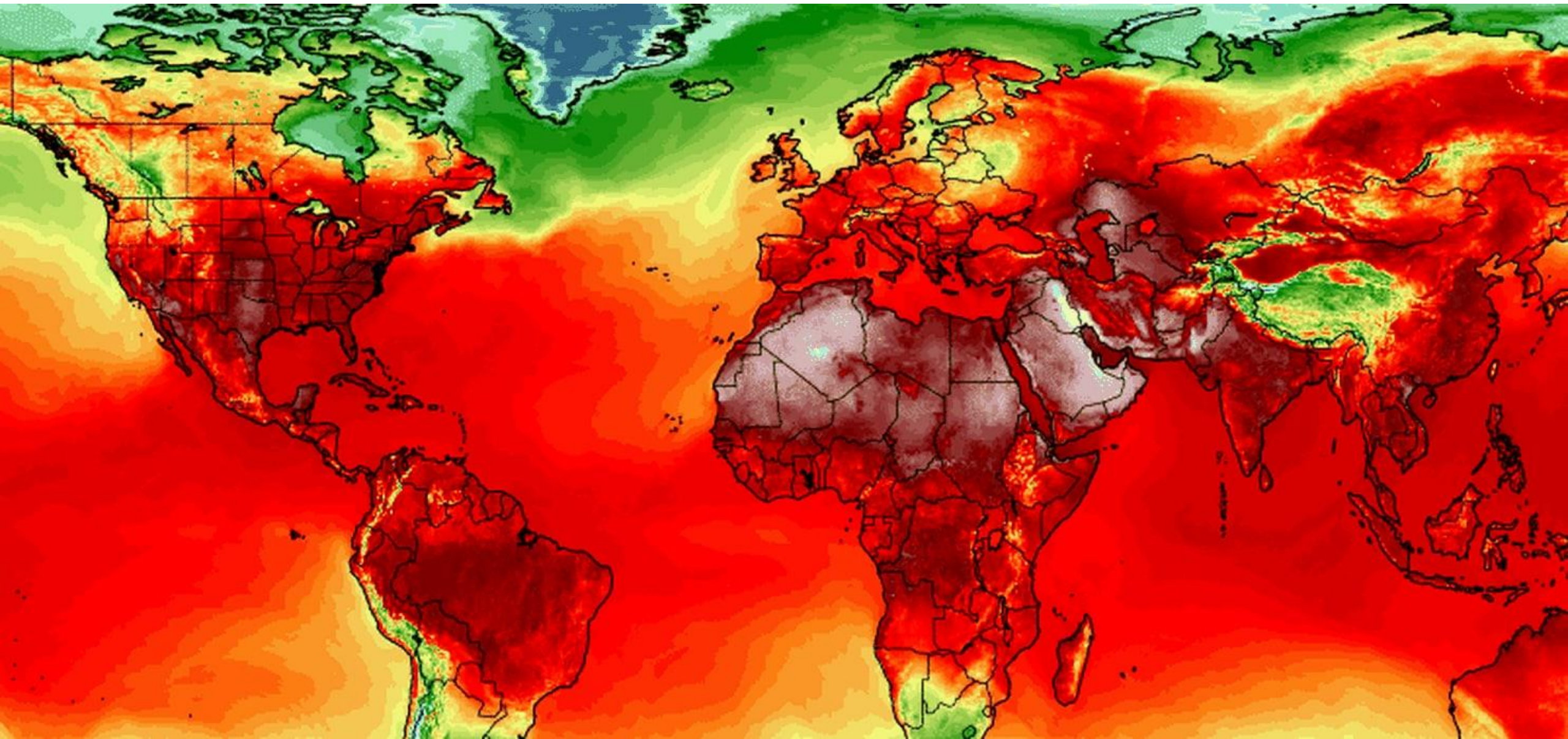
A modern multi-story residential building with balconies and a central courtyard. The building features a mix of brick and white panels, with balconies enclosed by vertical metal slats. A central courtyard area is visible at the bottom, with a brick wall and a paved walkway. A person is walking in the courtyard. The text 'Low carbon Resilient Desirable Adaptable' is overlaid in the center of the image.

**Low carbon
Resilient
Desirable
Adaptable**

A multi-story brick apartment building with balconies and a courtyard. The balconies have metal railings and some have laundry hanging. The courtyard has brick walls and a paved walkway. A person is walking in the courtyard. The building is surrounded by trees and a clear sky.

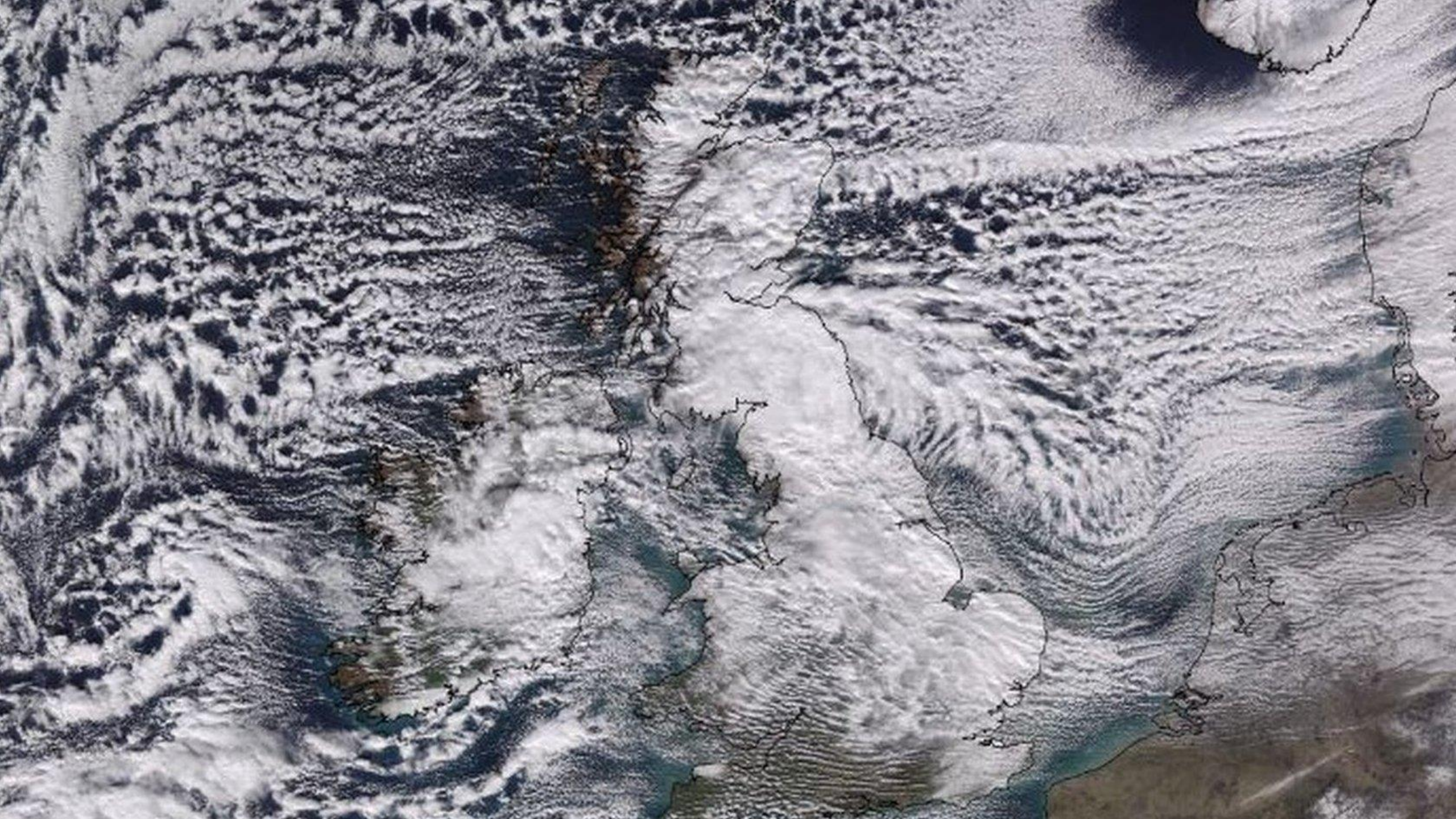
- Homes that are not making climate change worse

- Homes that are not slowly killing people



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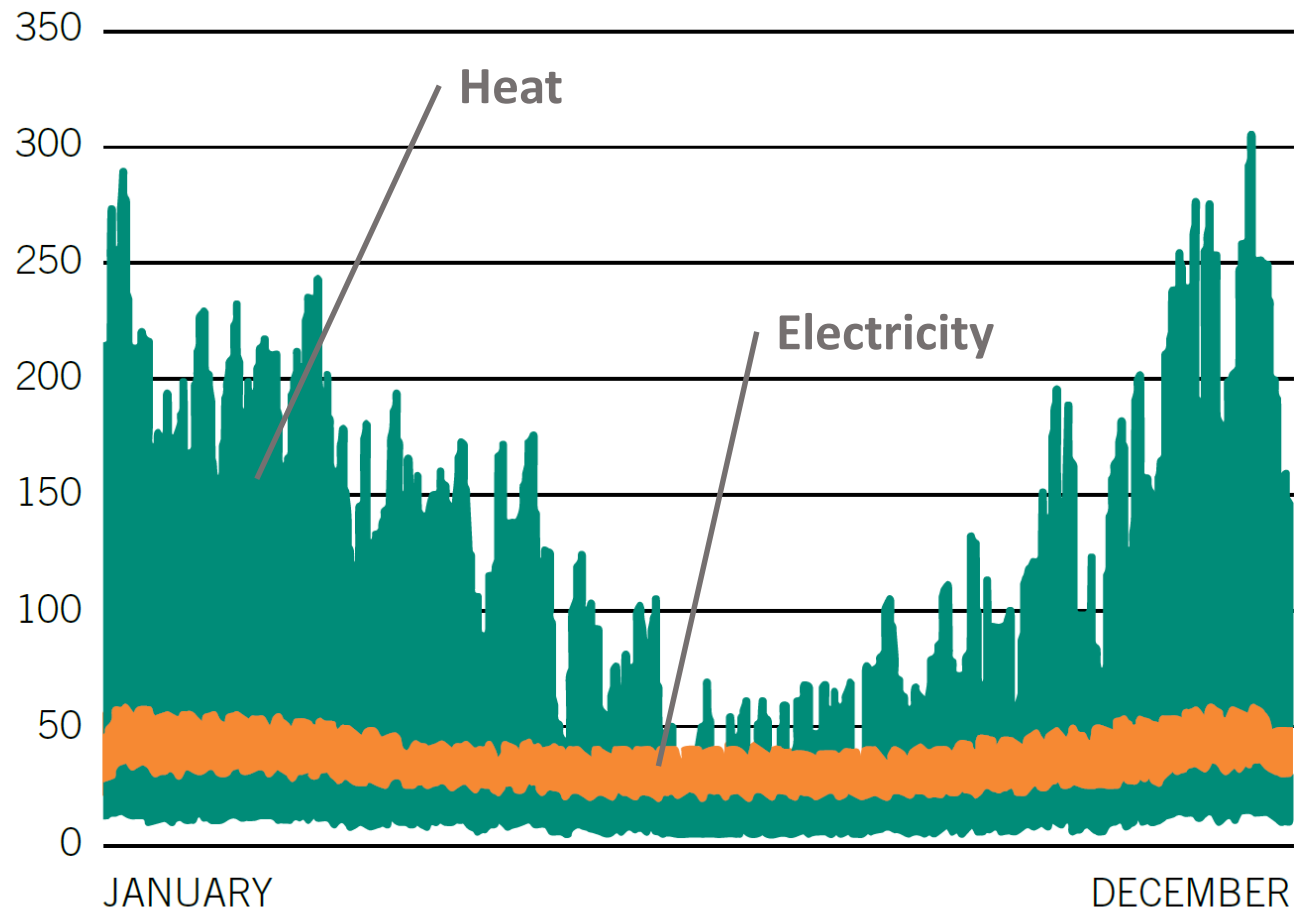






18% UK population \geq 65
32% living alone

HEAT/ELECTRICITY (GW)





The Barriers

- Lack of demand
- Lack of policy
- High costs, insufficient capability and capacity
- Lack of financing

So what we need is...



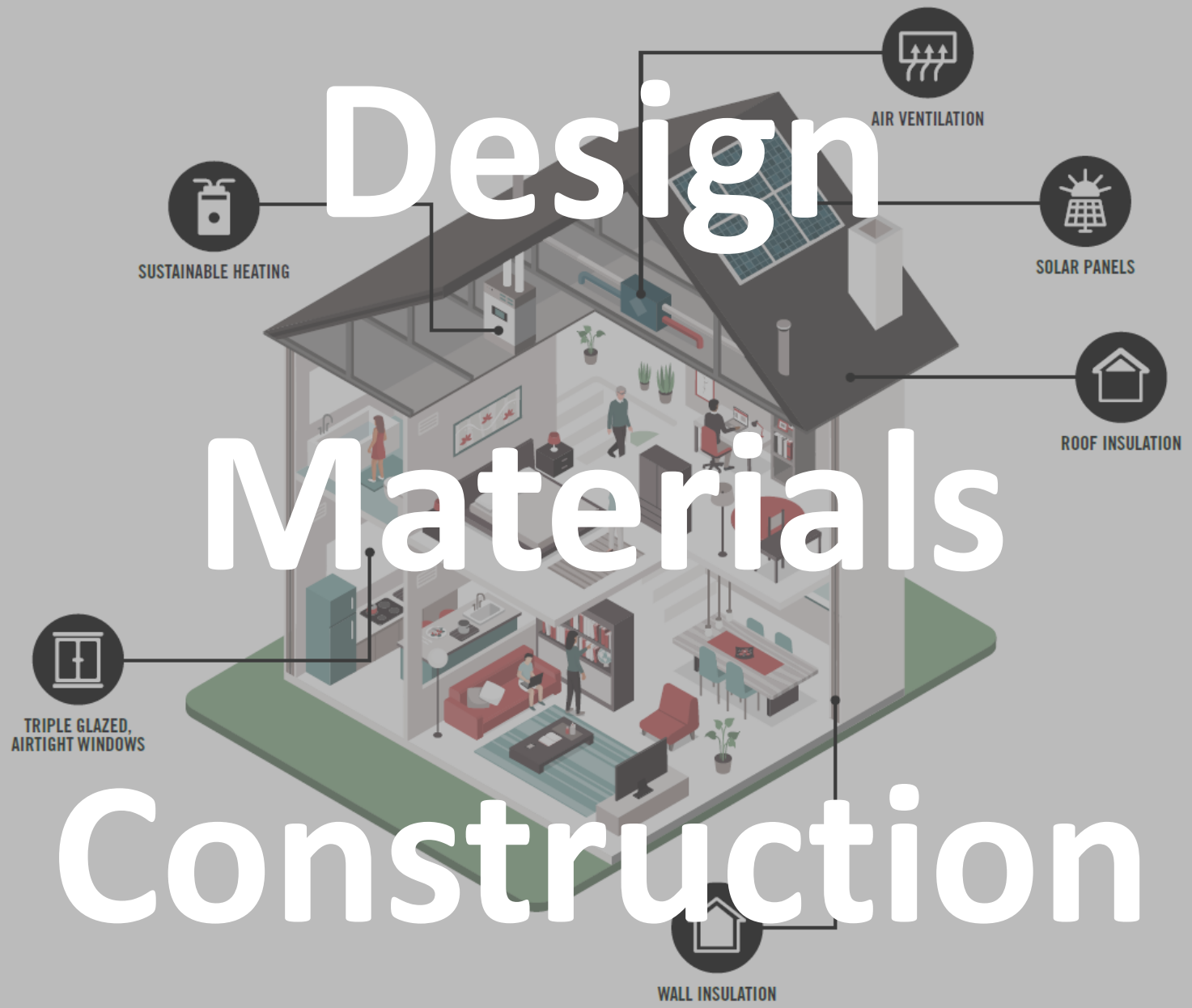
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Design

Materials

Construction





Diversity



Mass Customisation





Reproducibility & Reliability





Speed & Efficiency

• Scaling up Retrofit – 2050

- <https://www.theiet.org/media/1675/retrofit.pdf>

• Homes Fit for the Future – Project Position Paper

- <https://s3-eu-west-1.amazonaws.com/media.fc.catapult/wp-content/uploads/2019/09/30174155/Homes-for-the-future-Project-position-paper.pdf>

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Thank you...

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