



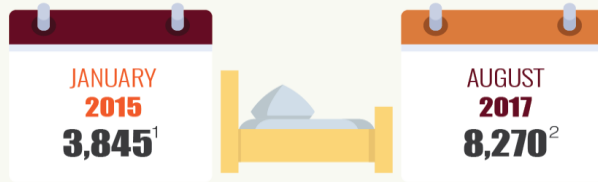
H4.0e

Change is Needed...



HOUSING IN IRELAND: KEY STATISTICS

Total Number of People in Emergency Accommodation



Growth of people in emergency accommodation since Rebuilding Ireland began



Number of Families in Emergency Accommodation



Growth in the number of families in emergency accommodation since rebuilding Ireland launch



Number of Households on Social Housing Waiting Lists



(210,000 INDIVIDUALS)

Number of Households Waiting Three Years or More



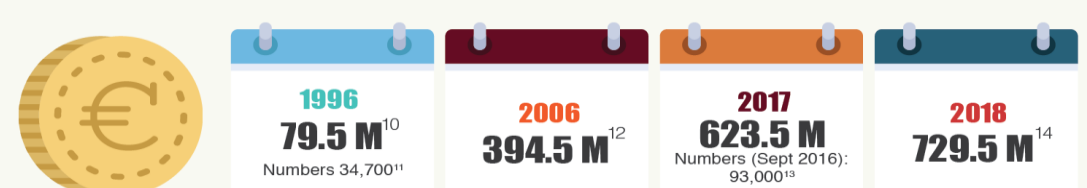
Percentage of Owner Occupancy in Ireland



EU Owner Occupancy Average



Rent Supplementation by the State in the Private Rental Sector





Rebuilding Ireland

Interreg 
North-West Europe
Housing 4.0 Energy
European Regional Development Fund





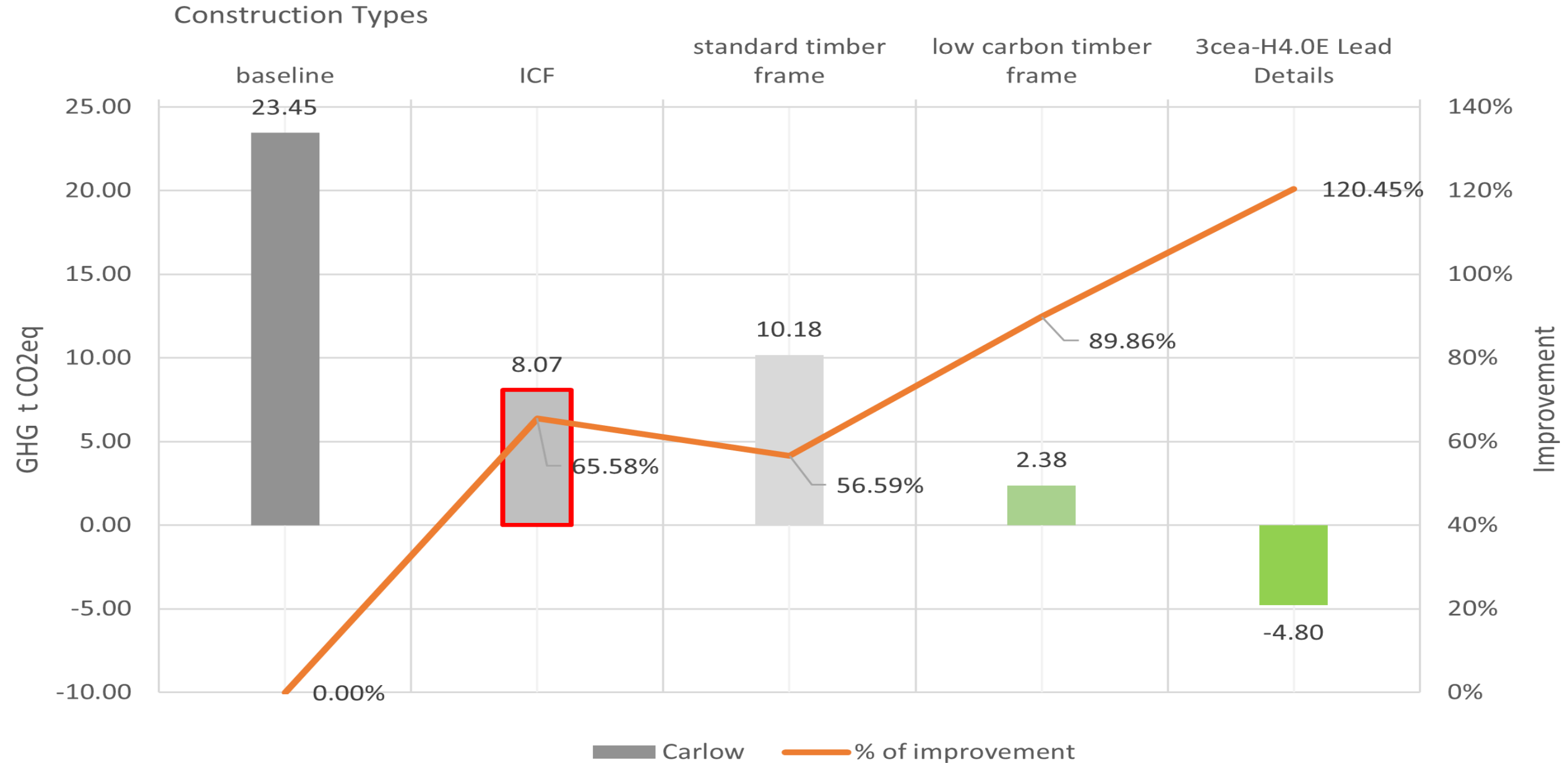


Challenges & The Need for Change

A photograph of a rustic interior. In the center is a large stone fireplace with a fire burning. Above the fireplace, several copper pots are hanging on the wall. To the left and right of the fireplace are wooden chairs with patterned cushions. In the foreground, there is a wooden table and a wooden bench. The room has a warm, traditional feel.

Challenges & The Need for Change

GHG A1-3 Carlow per construction type and % of improvement



Barriers...

- Government (Local and Central) is driven by policy, which is usually *reactive not proactive*
- Funding is restricted to defined limits within the Irish Housing Department
- The Department also has approved levels of specification, beyond which they are reluctant to go...
- Innovation is usually seen by State agencies as *higher risk*
- Reluctance to be the “first” to deliver something new
- Donegal Mica Emergency...
 - ~10,000 homes, Estimated cost >€3billion



Cultural Change

NEXT EXIT



Climate Change – is the messaging right?

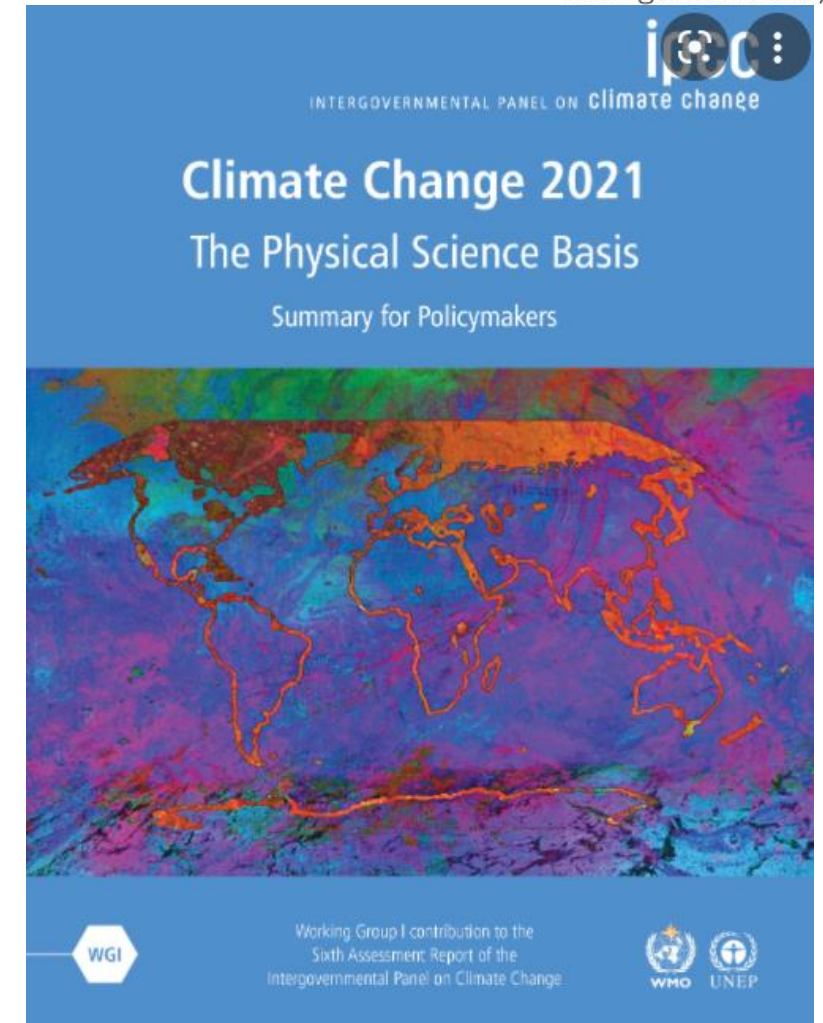




Climate Change IRELAND

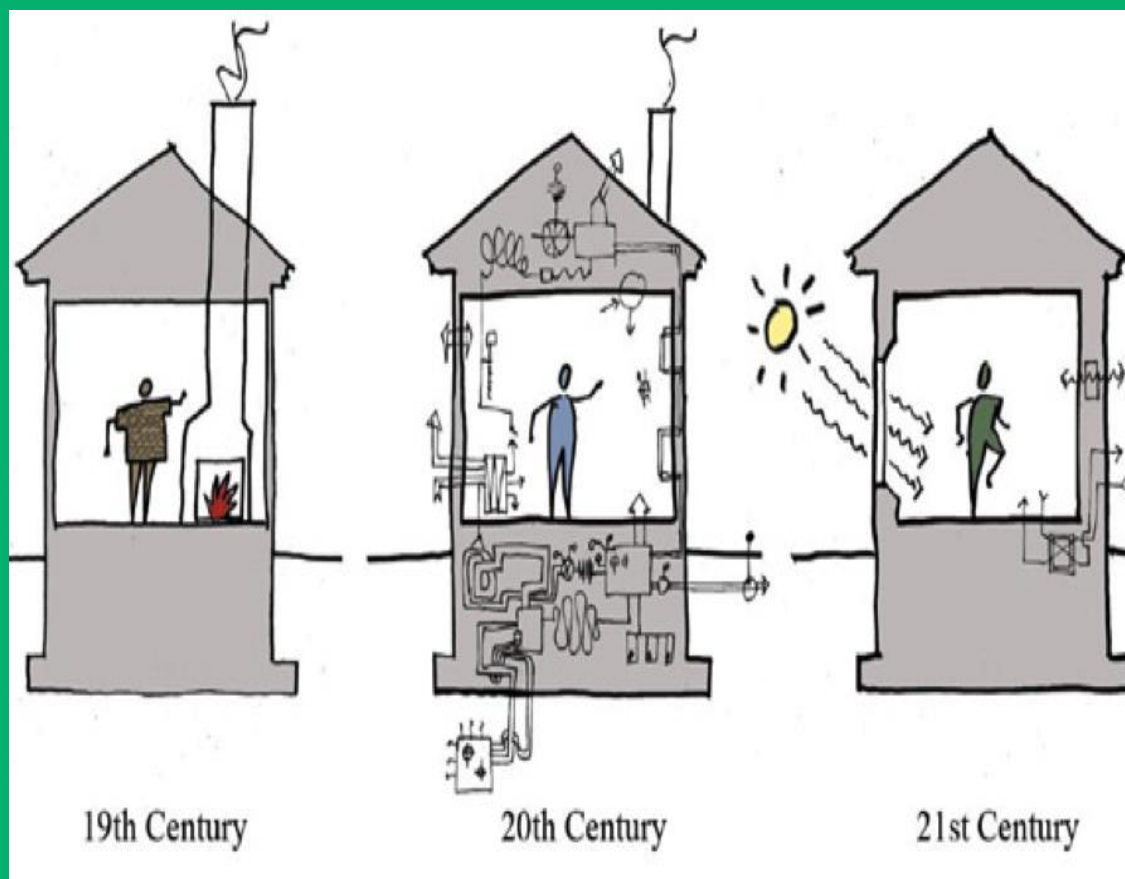
Time for Action is NOW

- IPCC Report
- *'Code Red for Humanity'*
- 30-year impact on what we do now – changes now will not be felt for decades to come
- Challenging politically!



Summary

Move away from 'Traditional' construction methods...



Summary

Replication from pilots takes breakthroughs – don't focus on the negatives & barriers! Take the ideas back to your region & focus on what can be achieved

Summary

**Breakthrough Innovation comes from those who
overcome the Risks & Fears**

Summary

**Don't do it on your own –
collaborate, share bubbles, Multi disciplinary**

Summary

**We have the technologies & methods to deliver -
Why are they not being used?**

Thank You!

Policy



1. EPBD: by adapting more energy efficiency the embodied CO2e emissions of the building material and the construction phase become more in focus as a potential to save CO2e emissions.
2. Green Deal: gain more savings in CO2 emissions gain support by EU Taxonomy
3. Bank, investment and insurance industry sees climate change as a risk factor and support schemes that reduce CO2 emissions



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