



“A Home For All Seasons”

The Resilient Home:
Winner of the Sunday Times British
Homes Awards Design Competition



The design for A Home for All Seasons combines resilience with placemaking. It creates an attractive streetscape, while providing a comprehensive response to future environmental challenges.



Judge's Comment, British Homes Awards

"A Home For All Seasons", the winning entry for the 2016 British Homes Awards design competition, responds to the growing need for an approach of resilience, rather than resistance, to extreme weather conditions, and provides an innovative yet viable design solution to this increasingly relevant issue.

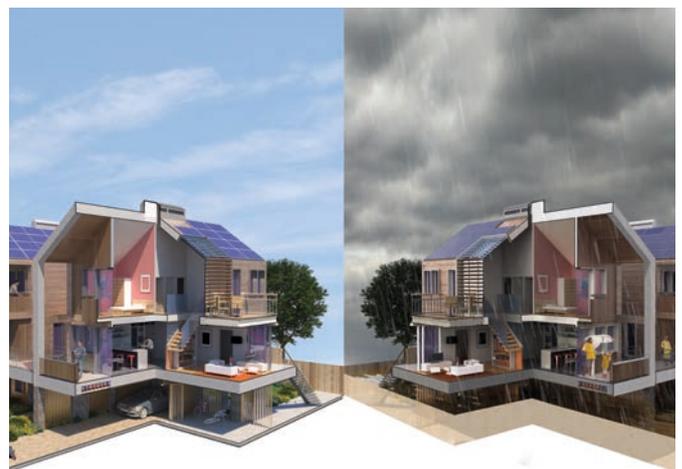
The design employs a holistic approach of resilience that addresses extreme weather conditions as well as social and economic uncertainties, providing an innovative yet viable design solution to both the housing and climate change crises.

JTP is now working with BRE and several other collaborators to explore opportunities to take the design forwards to construction.



Project Delivery

- 'Light touch' ground floor allows water to pass through without displacing it to another location, making it suitable for upper, middle and lower catchment areas
- Habitable rooms are elevated to first-floor and above avoiding the need for temporary add-on measures for flood protection and reducing recovery time post flood
- Resilient ground floor 'garden room' zone is a multiuse space that can be quickly adapted and cleaned post flood
- Utilities and services run within first floor 'causeway' to ensure continuity of provision during an extreme weather event
- Elevated causeway is heated by services beneath, melting any snow and ice to maintain safe accessibility
- Residents are warned of approaching floods by an integrated smartphone app, enabling them to move their cars to designated safe spaces on nearby higher ground
- Adjustable solar shades prevent summer overheating but enable passive solar gain in winter
- Pitched roofs with flexible orientation are designed to support on-site energy generation, to allow the home to adapt to rising energy costs
- Versatile floorplan allows for extra rooms to be added making the home resilient to the changing demands of its inhabitants
- Building typology can be adapted to create a diverse range of dwelling sizes and configurations enabling varied and diverse street design and neighbourhoods.



Client

Sunday Times British Homes Awards Competition (Winner)