



Rialtas na hÉireann
Government of Ireland

Just Transition Fund (JTF) 2021

electric
ireland



Project :

MRTT 61 Superhomes Ireland

Strand 2; Category 4 Renewable Energy & Retrofitting

Summary :

Development of a “One Stop Shop” Retrofitting hub in the midlands –
“Superhomes Midlands”

www.superhomes.ie

July 2021



Background- Policy & Strategic Context



National Housing Retrofit Scheme
(One Stop Shop development call)

seai SUSTAINABLE ENERGY AUTHORITY OF IRELAND

CLIMATE ACTION PLAN 2019
To Tackle Climate Breakdown

Buildings

500,000
existing homes to upgrade to 'B2' equivalent BER by 2030

600,000
heat pumps installed by 2030
(of which 400,000 will be in existing buildings)

New retrofitting delivery model,
which will group retrofits together, leverage smart finance, and ensure easy pay-back methods

- EU / National Climate Action Plans
- Energy Efficiency Targets
- Home retrofit targets
- Built environment emissions
- Change heating : fossil fuels to renewables
- Net-zero energy 2050
- New Enterprise opportunities
- Retraining & Green skills capacity building in NZEB/ Technology
- National Development Plan Skills in Construction
- Just Transition Progress Report, Reskilling, Employment
- Programme for Government - Grouping homes together to lower cost, starting in the Midlands area
- Plan to grow retrofit tenfold and provide SME opportunities
- EU Green Deal/Renovation Wave - ambitious targets & financial supports to increase the scale and pace of renovation in Europe
- County Development Plans - focus on Climate and Energy

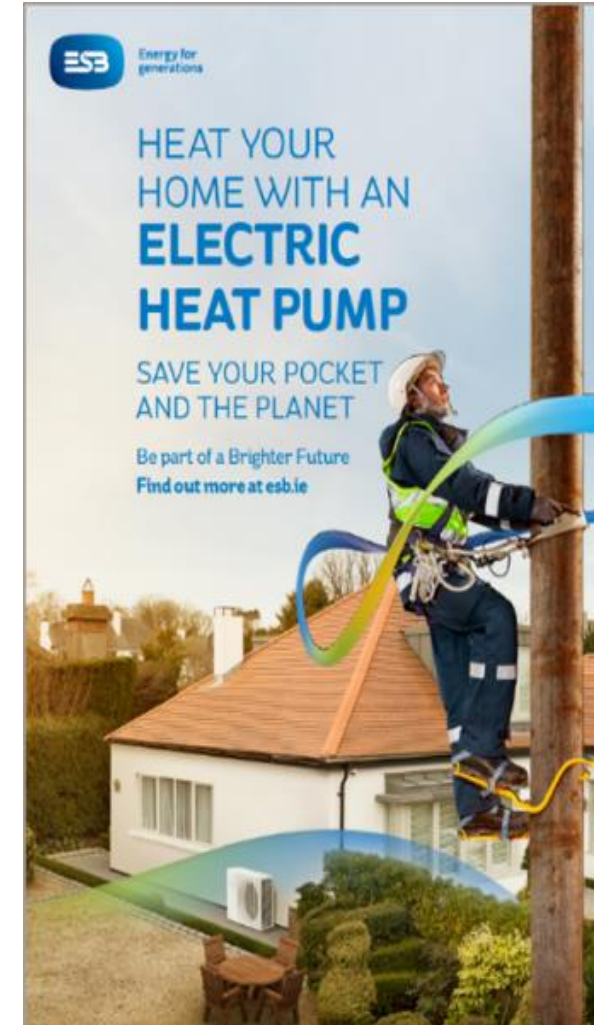
Publication

Climate Action and Low Carbon Development (Amendment) Bill 2021



Ireland's Long-Term Renovation Strategy

2020





Electric Ireland Superhomes



Just Transition Project – “Superhomes Midlands”

- Establish first Superhomes regional hub in Midlands Region
- Build contractor and employee skills capacity
- Consumer energy efficiency awareness and engagement
- Advisory service working with homeowners on all aspects of retrofit – “One Stop Shop”

What is a SuperHome?

A SuperHome is a comfortable, smart, bright, low energy efficient home. It is a home that has all the most effective energy saving measures such as insulation, air tightness and ventilation with its heat and hot water supplied by renewable energy technologies.

What are the features of a SuperHome?

| | | |
|---|--------------------------------------|---------------------------|
| 1 Cavity wall, eave, full roof external wall insulation | 3 High performance windows and doors | 5 Air Source Heat Pump |
| 2 Air tightness throughout the house | 4 Demand Control Ventilation | 6 Solar PV Panels on roof |

www.superhomes.ie
@super_homes1

energy trust
An Institute of Technology Energy Agency



Superhomes “One Stop Shop” Model

Awareness & Marketing

Engage:
Retrofit awareness raising
Knowledge transfer
Homeowner's experience and memoirs



Design & Tender

*Design to meet B2 and HLI standard
using cost optional retrofit model*



Advocacy

*Educate: Showcase best in practice
Engage: Open door events
Engage; Show others the retrofit
process works*



Consideration & Sales

*Trusted independent retrofit advisor
The correct measures to undertake.
Which Trades and Contractors to use*



Quality control

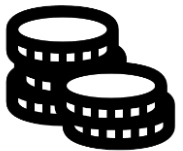
*Quality Assurance & Certainty
Good Contractor access
Feedback to contractors*



Finance



**Paper Work
Grants**





Rialtas na hÉireann
Government of Ireland

Project Objectives

electric
Ireland



Superhomes Midlands will :

- Establish a Regional retrofit “One Stop Shop” hub
- Engage with 600 homeowners.
- Deliver a minimum of 175 deep home retrofits in the Just Transition Region (JTR)
- Leverage an investment of €8.75m (a 1:13 leverage effect)
- Create 175 jobs (direct and indirect) in the region (20 FTE jobs per €1m invested).
- Directly employ new engineering, customer service and sales staff in a new office servicing the JTR
- Build capacity of 30 contractors/SMEs in the region
- Work collaboratively with all relevant JTR stakeholders
- Achieve financial sustainability by end 2023
- Help to roll out new financial tools to support homeowner investment in energy efficiency in partnership with banks and Government
- Achieve over 6,000MWh (6GW) of energy savings and mitigate over 1,500 Tonnes of CO2.

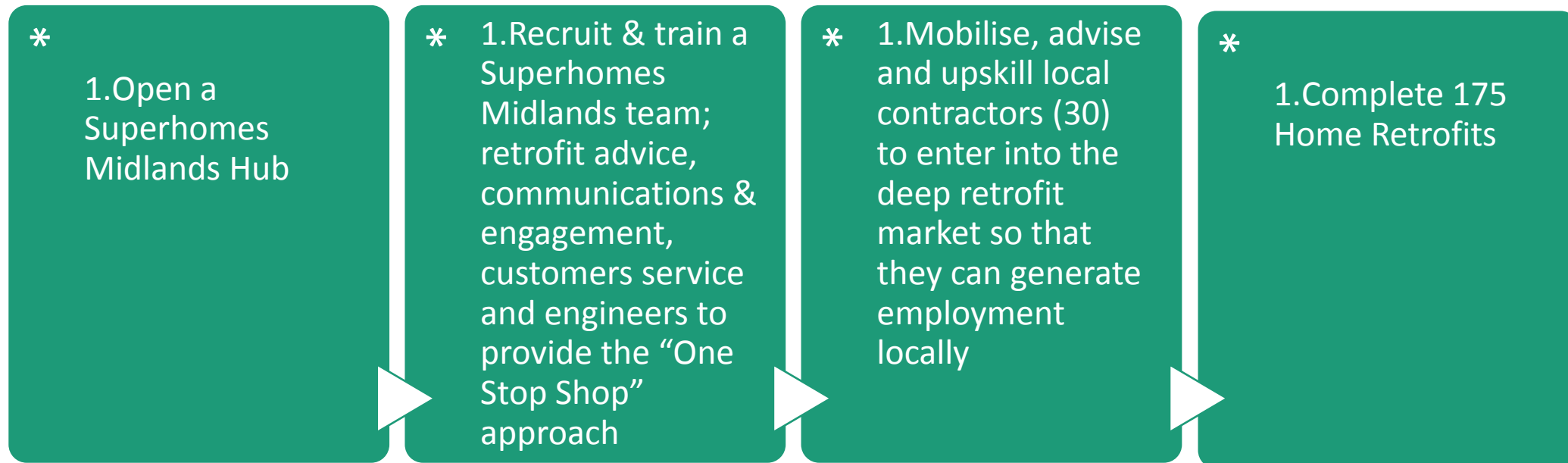
www.superhomes.ie



Project Delivery- Summary



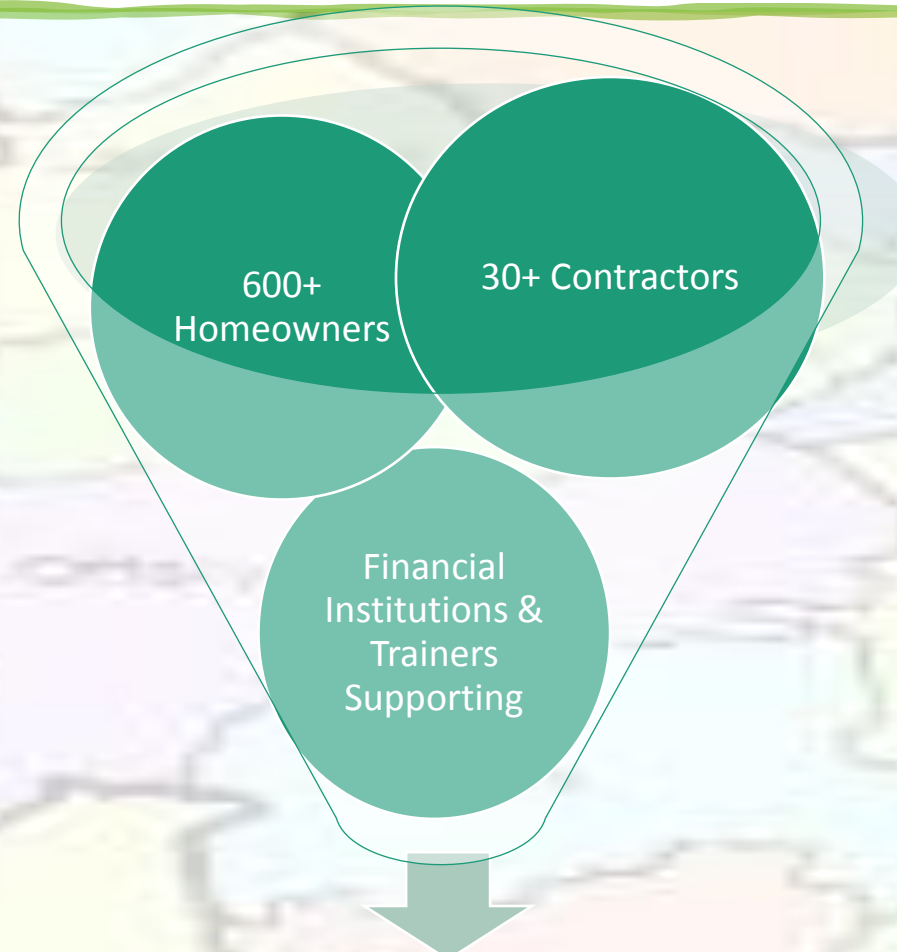
Supporting & Providing Opportunities for exBnM and exESB workers





Capacity Building

- Offaly
- Laois
- North Tipperary
- Kildare
- Westmeath
- East Galway
- Roscommon
- Longford



**Superhomes Midlands-
Capacity Building**



Impacts & Outcomes



Superhomes Midlands will have the following impacts and outcomes

Impact 1:

- Rapid deployment of retrofit activity in the region - estimated to be 50% faster than if not funded due to the knowledge, expertise and experience of Superhomes team. The Superhomes methodology and expertise which will be applied will ensure that the lead time for establishment of the Superhomes Midland OSS will be very short enabling a presence in the market to be established within 6 months of commencement

Impact 2:

- €8.75m investment in retrofit stimulated by 2023 which equates to 175 Job creation

Impact 3:

- Superhomes retrofits have proven to provide a 50% improvement in energy performance of dwellings, plus improving air quality (through integrated ventilation) and comfort. This will result in energy, financial and CO2 savings for the region



Rialtas na hÉireann
Government of Ireland

Project Success

electric
Ireland



Superhomes Midlands will :

- Achieve its KPIs
 - Establish a Regional home retrofit “One Stop Shop” hub
 - Engage with 600+ homeowners
 - Deliver a minimum of 175 retrofits within 3 years
 - Leverage an investment of €8.75m (a 1:13 leverage effect)
 - Create 175 jobs (direct and indirect) in the region (20 FTE jobs per €1m invested).
 - Build capacity of 30+ contractors/SMEs in the region
 - Achieve over 6,000MWh (6GW) of energy savings and mitigate over 1,500 Tonnes of CO2.
- Achieve financial sustainability by end 2023
- Help the region position for success in national energy efficiency markets by building skills and capacity

www.superhomes.ie

Thank You

www.superhomes.ie



July 2021