

Database of Good Practice Policies and Initiatives	
Country	Ireland
Level of Outreach	Local, Regional, National
Supported by	Regional and National Agency
Field of Interest(s)	Energy Efficiency; Digitalization; Circular Economy; Promotion of the attractiveness of the Construction Industry
Organisation	
Name of organisation	Tipperary Energy Agency, TEA
Address	Erasmus Smith House, Church Street, Cahir,
City /ZIP	Co. Tipperary, E21 HP66.
Country	Ireland
E-Mail	info@tippenergy.ie
Website	www.tippenergy.ie/
Contact Person	
Contact Name	Paul Kenny
Telephone	00353 52 7443090
E-Mail	info@superhomes.ie
Policy/Initiative Data	
Title of Initiative	Superhomes
Partnership details	Ireland - Limerick Institute of Technology (LIT) EU - European Heat Pumps Association (EHPA) EU - FEDARENE
Project Duration	01.10.2016 to on-going
Total Budget	€ 998,594
Description	A Deep Retrofit Service to implement deep nZEB retrofits on 130 Private residential buildings in Ireland by end 2018 by achieving >60% energy reduction with homeowner investments ranging from €25-50,000. The Superhomes Model applies a Fabric First approach, integrated with Air Tightness Updates, Demand Control Ventilation and Air Source Heat Pump (ASHP) installations, combined with other technical solutions e.g. PV, high efficiency secondary heating etc. To complement the Superhomes implementation TEA and LIT are carrying out R&D investigating the optimisation of ASHP in residential retrofits. https://superhomes.ie/
Phases	Superhomes rely on public subsidies and no private finance solutions currently exist to support homeowner investment. The expanded Superhomes 2030 service is to provide 42GWh savings between 2019 and 2022. This will be achieved through the development of attractive finance solutions independent of public finances, creation of open source energy performance data platforms which demonstrate the value of completing nZEB retrofits, capacity building and training for stakeholders and optimisation of technical analysis, design systems and solutions. A Growth Strategy will be developed which will inform Innovative Business models based on the concept of regional "one stop shop".

Project Details	
Aim	To establish a recognised and efficient deep retrofitting SUPERHOMES service, with established guidelines, tested strategy and financing options. The aim of Superhome2030 is to dramatically scale the Superhomes offer in Ireland by 2030. Opportunities to expand the Superhomes model outside of Ireland will also be explored, using linkages created through EHPA and FEDARENE.
Target groups	Contractors, Homeowners, public and private landlords, social housing owners, local authorities, policy makers, Heat Pump organisations, energy engineers, construction industry.
Exchange of Experiences	Sharing experiences of householders with interviews and regular updates of the retrofitted Superhomes
Outcomes 1	Analysis - Critically analyse engagement with the current Superhomes offer and other deep retrofit offers in Ireland and Europe to highlight relevant socio-economic, financial and technical trends driving the retrofit market
Outcomes 2	Financing - Research, Design and Pilot Superhomes Finance Solutions which will finance up to €480m of residential retrofits and support the transition from public funded retrofit programmes to market finance solutions.
Outcomes 3	Branding - Build an enhanced Superhomes communications and engagement strategy, including a Superhomes Knowledge Hub, raise homeowner's awareness of Deep Retrofit, to ensure completion of 500 Superhomes in 2022
Outcomes 4	Optimise the entire Superhomes Customer Journey and associated procedures to increase confidence and trust in the Superhomes brand and its providers
Outcomes 5	Training - Develop and deliver appropriate technical and finance training to Contractors, Homeowners and Stakeholders thus expanding the deep retrofit community in Ireland and accelerating engagement, investment and implementation.
Outcomes 6	Exploitation - Develop scale up strategies to enable expansion of Superhomes from the current client base of private single family homeowners to landlords, social housing, local authorities across Ireland etc including opportunities for international applications in other countries (EU and US)
Policy/Initiative	
Skill gaps	Training for energy advisors and installers roles in deep energy retrofitting will be created, improving the skills of existing workforce and equipping them with the necessary skills for the increased need for deep energy retrofitting advisors and installers
Mis-matching of skills	N/A
Skills-Shortages	This training will alleviate the shortages in skilled contractors and advisors in the field of deep renovation by providing trainings and advice.
Training	Provide a targeted Superhomes Retrofit Capacity Building programme for professionals, contractors, crafts and operatives combining on-line, on-site and classroom related education and training
Career moves	Develop new employment and roles in deep energy renovation installers and energy advisors into the construction industry
Mobility	Future Superhomes 2030 trainings in Europe which will enable mobility with a new profession – deep energy renovation advisors and installers
Other EQF-Level	Level 3-5
Transfer in Europe	Develop scale up strategies to enable expansion of Superhomes service from Ireland to include opportunities for international applications in other countries (EU and US)
Entrepreneurship Opportunities	The development of a Superhomes 2030 Finance Solution which will enable the transition from the current reliance on 50% public supports to increased private finance solutions.
Other	Develop awareness of building owners on how important it is to use skilled deep energy retrofitting installers and where to get advice on how to achieve a 'B2' energy rated building and financing options.