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| Title of the measure: | IRL 19 Better Energy Warmer Home Scheme |
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General description

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| Relevant EED Article(s) | Not specific to any one EED Article but contributes to achievement of overall target – Article 3 |
| Category | Buildings - Residential |
| Timeframe | 2000 to date. The Warmer Homes Scheme was incorporated in to the residential retrofit scheme, launched as 'Better Energy' in 2011 and the scheme has been developed and enhanced since. |
| Aim / brief description | The measures targets vulnerable and fuel poor homes and provides funding for the installation of domestic energy efficiency upgrades via regional not-for-profit organisations and private contractors |
| Target end use | Energy use for domestic heating and hot water |
| Target group | Domestic buildings |
| Reg. applic. | N/A |

Information on implementation

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| List & description of energy saving actions | Energy efficiency improvement measures include attic insulation, draught proofing, lagging jackets, energy efficient LED lightbulbs, cavity wall insulation and energy advice. |
| Budget & fin. resource | The measures are funded by SEAI via regional not for profit organisations and private contractors. |
| Implementing body | Sustainable Energy Authority of Ireland via Regional not for profit organisations. |
| Mon. auth. | Sustainable Energy Authority of Ireland (SEAI) |

Impact Evaluation

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| Means and Outputs | <p><u>Means:</u> SEAI provides funding for the installation of domestic energy efficiency upgrades via regional not-for-profit organisations and private contractors. The budget varies from year to year.</p> <p><u>Outputs:</u> Energy efficiency improvement measures carried out include attic insulation, draught proofing, lagging jackets, energy efficient LED lightbulbs, cavity wall insulation and energy advice.</p> |
| Energy Savings | 2016: 275 GWh Primary energy savings; 269 GWh Final Energy Savings. 2020: 355 GWh Primary energy savings; 347 GWh Final Energy Savings. |
| Evaluation of Energy Savings | Savings are estimated based on data on the numbers of measures implemented and number of homes covered. Deemed savings are applied for each measure installed for a typical fuel poor household. Because the householders are identified as fuel poor to begin with a high level of rebound of 70% is assumed. |
| Sources of uncertainty about energy savings | There is uncertainty on the deemed savings used for each measure, and on the level of pre-bound and rebound. The WHS is limited to low income households therefore there is no potential |

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| | overlap with measures to promote efficiency in new buildings or other domestic retrofit scheme. |
| Other indicators monitored or evaluated | CO ₂ avoided and cost of energy avoided. |

Semi Quantitative Estimate

| Measure Impact Level | | |
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| low | X medium | high |

Definition of Impact:

Low: Impact below 0.1 % of overall energy (fuel/electricity) consumption or energy-related CO₂ emissions in the residential sector of Ireland.

Medium: 0.1 to below 0.5 % of overall energy (fuel/electricity) consumption or energy-related CO₂ emissions in the residential sector of Ireland.

High: 0.5 % upwards of overall energy (fuel/electricity) consumption or energy-related CO₂ emissions in the residential sector of Ireland.

Interaction of Measure

The WHS is limited to low income households and there is not any potential overlap with measures to promote efficiency in new buildings.

The WHS contributed to developing the capacity for energy efficient retrofit of existing dwellings and has a consequent multiplier effect.

Historical data

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| Savings achieved in 2010 | 120 GWh |
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References

Full details of the programme and the documents mentioned above can be found at:

<https://www.seai.ie/grants/home-grants/warmer-homes-scheme/>