


Detached House, built 1890

Total Building Area (m2): 174

	BER Rating	Energy Value (kWh/m2/yr)	Potential Energy Savings €	Total Annual Space Heating kWh/yr	Space Heating costs per year €/yr
Dwelling Current Condition	D1	232.60	-	40,519	€4,997.33
Dwelling Post Works	B1	80.13	€3,275.70	13,959	€1,721.64
CO2 Savings per year 10.14 Tonnes					
Equivalent Planted Trees	724	Trees			

RECOMMENDED WORKS

Item	Recommendation	kWh/m ² /yr	BER	MEDIAN Cost Nett Grant [1]
Windows and External Doors	New windows double glazing 1.4 W/m2K average u-value New external doors 1.4 W/m2K average u-value	219.00	C3	€9,200
Walls	insulation to 0.35 W/m2K average U-Value	165.30	C1	€15,800
Roof	Insulation Pitched at ceiling 0.16 W/m2K and on slope 0.20 W/m2K , and room in roof on side 0.20 W/m2K, and on flat roof 0.22 1.4 W/m2K average u-value	120.20	C1	€992
Heating system and Controls	Install full time and temperature controls with 3 zones two heating and one HW. Install and air to water HP. As part of this upgrade, we have allowed for the blocking up of any and all open fires	80.13	B1	€9,100
TOTAL COST €				€35,092
SIMPLE PAYBACK YRS				10.7

[1] These costs are net of SEAI and are based on a SEAI survey of actual retrofit works carried out by certified contractors in 2024

The house pictured is not the actual home surveyed, but it has the same characteristics