Semi Detached House, built 1900

Total Building Area (m2): 200

	BER Rating	Energy Value	Potential Energy Savings	Total Annual Space Heating	Space Heating costs per year
		(kWh/m2/yr)	€	kWh/yr	€/yr
Dwelling Current Condition	**E2**	354.00	-	70,800	€8,000.40
Dwelling Post Works	**B1**	89.90	€5,782.87	17,980	€2,217.53
CO2 Savings per year 14.37 Tonnes					
Equivalent Planted Trees	**1026**	**Trees**			

RECOMMENDED WORKS

Item	Recommendation	kWh/m²/yr	BER	MEDIAN Cost Nett Grant [1]
New windows with a u value of 1.2 **New Door with a u value of 1.5**	New windows with a u-value of 1.2 and a Solar Transmittance of 0.6 New roof lights with a u-value of 1.2 and a Solar Transmittance of 0.6 New door with a U-value of 1.5 Remove Garage doors and block off	342.00	E2	€12,200
Roof	Insulation Pitched at ceiling .16 w/m2K and on slope .20 W/m2K, and room in roof on side 0.20 W/m2K, and on flat roof .22 W/m2K.	253.20	D1	€992
Walls	to 0.35 W/m2K average U-Value	188.20	C3	€15,800
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.	31.00	A2	€9,100
TOTAL COST €				€38,092
SIMPLE PAYBACK YRS				6.59

[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