

Standard Table: energy refurbishment

Name/Acronym		Corresponding Name in D3.1	Description	Reference	Type of data	Unit	Reference to other sheets		
Energy_Refurbishment		-	renovation of a building leading to a variation in the energy performance	2010/31/EU Directive*	-	-	-		
has	Energy_Measures_Package	-	a set of energy efficiency measures and/or measures based on renewable energy sources applied to a building	Commission Delegated Reg. 244/2012 (2010/31/EU Dir.)*	-	-	-		
	has	Energy_Measure	-	a change to a building resulting in a reduction of the building primary energy need	Commission Delegated Reg. 244/2012 (2010/31/EU Dir.)	string	-		
		is	Building_Insulation_Addition	-	addition of thermal insulation material to the building	-	string	-	
			is	Wall_Insulation_Addition	-	addition of thermal insulation material to the wall	Commission Delegated Reg. 244/2012 (2010/31/EU Dir.)*	string	-
			is	Roof_Insulation_Addition	-	addition of thermal insulation material to the roof	Commission Delegated Reg. 244/2012 (2010/31/EU Dir.)*	string	-
			is	Ceiling_Insulation_Addition	-	addition of thermal insulation material to the ceiling	-	string	-
			is	Floor_Insulation_Addition	-	addition of thermal insulation material to the floor	-	string	-
		has	Insulation_Addition_Thickness	-	thickness of the added thermal insulation material	-	real	m	-
		is	Window_Replacement	-	replacement of the window	-	string	-	-
		is	Space_Heating_System_Refurbishment	-	refurbishment of the space heating system	Commission Delegated Reg. 244/2012 (2010/31/EU Dir.)*	string	-	-
		is	Space_Cooling_System_Refurbishment	-	refurbishment of the space cooling system	Commission Delegated Reg. 244/2012 (2010/31/EU Dir.)*	string	-	-
		is	Ground_Source_Cooling_Installation	-	-	-	string	-	-
		is	Measure_Based_On_RES	-	measure based on renewable energy sources	Commission Delegated Reg. 244/2012 (2010/31/EU Dir.)	string	-	-
		is	On_Shore_Wind_Turbines_Installation	-	-	-	string	-	-
		is	Off_Shore_Wind_Turbines_Installation	-	-	-	string	-	-
		is	Micro_Wind_Turbines_Installation	-	-	-	string	-	-
		is	Solar_Heating_Storage_Installation	-	-	-	string	-	-

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	<i>is</i>	PVSystem_Installation	-	-	-	string	-	
	<i>has</i>	Energy_Saving	-	reduction of energy consumption following implementation of an end-use action intended to improve energy performance	ISO/IEC CD 13273-1	-	-	"energy_quantities"
	<i>has</i>	Cost_Related_To_Energy_Performance	-	cost that shall be taken into account for calculation of the cost effectiveness of energy efficiency measures in buildings	EN 15459	-	-	"cost_related_to_energy"
	<i>has</i>	Energy_Saving	-	reduction of energy consumption following implementation of an end-use action intended to improve energy performance	ISO/IEC CD 13273-1	-	-	"energy_quantities"
	<i>has</i>	Cost_Related_To_Energy_Performance	-	cost that shall be taken into account for calculation of the cost effectiveness of energy efficiency measures in buildings	EN 15459	-	-	"cost_related_to_energy"
<i>has</i>		Duration	-	time interval to which the value refers	-	-	-	"TIME"