


Building	Pilot R1.1 (Belartza)
Foto	
Name	Belartza:Municipal Centre for Social and Inclusive Companies
Location	Gurutzegi 14-16-18 20028 San Sebastián (Spain)
Country	Spain
Type of Building	Office
Year of Construction	2004
Net Floor Area	4.910 m ²
Occupancy	20.640 user/year
ICT System	
System Structure	OPC Client/Server based communication tool with a web-based interface
Technical requirements	Building management devices connected to an OPC server that offers their data to a third party software (read only)
Frontends and functions	Web frontend for all the public. Different access to basic or expert modules on the user role
Implementation date	-

Physical information		
Net floor area	4.910	m ²
Average U-value of constructions	0,8	W/(m ² · K)
Average U-value of windows	2,6	W/(m ² · K)

Primary indicators (see D1.2 for further information)	No.	Current (baseline)	Expected (after)	Unit (per year)
Primary energy consumption	1	2.333,80	2.080,27	MWh
Specific primary energy consumption	1a	475,32	423,68	kWh/m ²
Delivered electricity	2	705,08	628,48	MWh
Specific delivered electricity	2a	143,60	128,00	kWh/m ²
Delivered heating energy	3	270,05	235,68	MWh
Specific delivered heating energy	3a	55,00	48,00	kWh/m ²
Delivered cooling energy *	4	908,35	862,20	MWh
Specific delivered cooling energy	4a	185,00	175,60	kWh/m ²
CO₂ Emissions	5	435,03	387,77	ton(CO ₂)
Specific CO₂ Emissions	5a	88,60	78,98	kg(CO ₂)/m ²
Relative reduction of CO₂ emissions	6	-	11	%
Relative energy savings in primary energy	7	-	11	%
Energy cost savings - actual costs	8	-	1,59	€/m ²
Relative energy cost savings - actual costs	8a	-	11	%