


Building	Pilot R1.1 (Cemei)
Foto	
Name	CEMEI: The Municipality Centre for Innovative Companies
Location	23 Portuetxe Street, A-B , 20018 San Sebastián
Country	Spain
Type of Building	Office
Year of Construction	2.004
Net Floor Area	17.541 m2
Occupancy	72.240 users/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	17.541	m ²
Average U-value of constructions	0,9	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	5.364,38	4.682,03	MWh
Specific primary energy consumption	1a	305,82	266,92	kWh/m ²
Delivered electricity	2	1.260,27	1.113,20	MWh
Specific delivered electricity	2a	71,85	63,46	kWh/m ²
Delivered heating energy	3	671,00	561,00	MWh
Specific delivered heating energy	3a	38,25	31,98	kWh/m ²
Delivered cooling energy *	4	1.867,14	1.771,00	MWh
Specific delivered cooling energy	4a	106,44	100,96	kWh/m ²
CO₂ Emissions	5	1.020,55	889,98	ton(CO ₂)
Specific CO₂ Emissions	5a	58,18	50,74	kg(CO ₂)/m ²
Relative reduction of CO₂ emissions	6		13	%
Relative energy savings in primary energy	7		13	%
Energy cost savings – actual costs	8		1,74	€/m ²
Relative energy cost savings – actual costs	8a		13	%