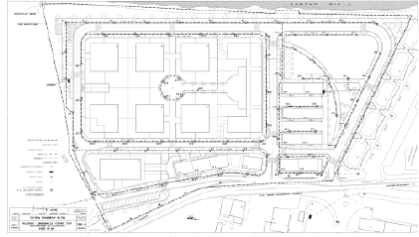


Street Lighting	Pilot L1
Photo	
Name	Street lighting in Etxarriene
City	San Sebastian
Country	Spain
Type of Street	Residential neighbourhood.
Year of Construction	2008
Length of street	Neighbourhood area: 16.000m ²
Number of lamps	79
ICT System	
System Structure	Public light control and management system and OPC server to offer this data
Technical requirements	Existence or installation of electronic ballasts and controller for each luminaries, the segment controller and OPC Server software reading the data from the ballasts and serving it to a third party software
Frontends and functions	Web based tool with different reports and modules based on the user role

Installation information		
Total Luminaries	79	units
Previous installation power	150	W
Current installation power	90	W

Primary indicators (see D1.2 for further information)	No.	Baseline	After measures	Unit (per year)
Primary energy consumption	1	157,48	104,99	MWh
Specific primary energy consumption	1a	1.993,45	1.328,97	KWh/lum
Total electrical energy consumption	2	47,58	31,72	MWh
Specific electrical energy consumption	2a	602,25	401,50	KWh/lum
CO2 Emissions	5	29,36	19,57	ton(CO ₂)
Specific CO2 Emissions	5a	371,59	247,73	kg(CO ₂)/lum
Relative reduction of CO2 Emissions	6	-	33	%
Relative energy savings in primary energy	7	-	33	%
Energy cost savings – actual costs	8	-	22,08	€/lum
Relative energy cost savings – actual costs	8a	-	33	%