

# Pilot L1 Street Lighting Etxarriene

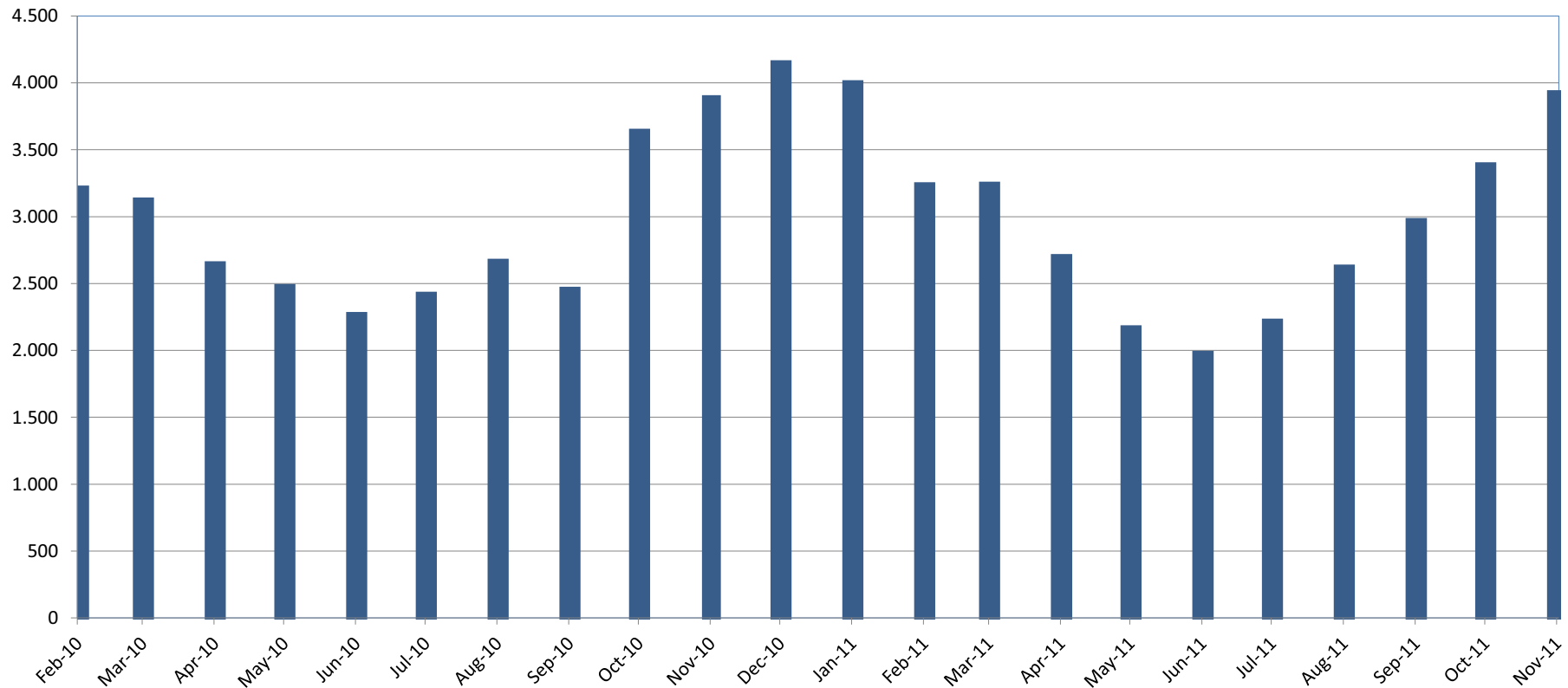


Baseline Electr. : 602,25 kWh/(m<sup>2</sup>a)

## Electric energy Consumption [kWh]

Electr. 2010 : 459,22 kWh/(m<sup>2</sup>a) ≈ -23,75%

Electr. 2011 : 454,76 kWh/(m<sup>2</sup>a) ≈ -24,49%



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## Energy consumption before measures

Number	Indicator	Symbol	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Unit
1	Primary energy consumption	Ep	10.446	10.151	8.573	8.013	7.321	7.820	8.636	7.947	11.856	12.717	kWhP/month
1a	Specific primary energy consumption	Ep'	132,23	128,49	108,52	101,43	92,67	98,99	109,31	100,60	150,08	160,97	kWhP/(m <sup>2</sup> -month)
2	Delivered electrical energy	EE,del	3.156	3.067	2.590	2.421	2.212	2.363	2.609	2.401	3.582	3.842	kWhdel/month
2a	Specific delivered electrical energy	EE,del'	39,95	38,82	32,78	30,64	28,00	29,91	33,03	30,39	45,34	48,63	kWhdel/(m <sup>2</sup> -month)
5	CO2 Emissions	mCO2	2.048	1.990	1.681	1.571	1.435	1.533	1.693	1.558	2.325	2.493	kg(CO2)/month
5a	Specific CO2 emissions	m CO2'	26	25	21	20	18	19	21	20	29	32	kg(CO2)/(m <sup>2</sup> -month)
6	Relative reduction of CO2 emissions (with reference to the baseline)	SAVrel,CO2	-	-	-	-	-	-	-	-	-	-	%
7	Relative energy savings in primary energy (with reference to the baseline)	SAVrel,Ep	-	-	-	-	-	-	-	-	-	-	%
8	Energy cost savings using actual local energy prices (with reference to the baseline)	SAVE	-	-	-	-	-	-	-	-	-	-	€/month
8a	Relative energy cost savings using actual local energy prices (with reference to the baseline)	SAVrel,€	-	-	-	-	-	-	-	-	-	-	%

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## Energy consumption after measures

Number	Indicator	Symbol	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Unit	From Dec-10 to Nov-11	Unit
1	Primary energy consumption	Ep	13.551	13.053	10.529	10.547	8.754	6.995	6.362	7.156	8.493,18	9.644	11.023	12.810	kWhP/month	<b>118.916</b>	kWhP/a
1a	Specific primary energy consumption	Ep'	171,53	165,22	133,28	133,51	110,82	88,54	80,53	90,59	107,51	122,08	139,53	162,15	kWhP/(m <sup>2</sup> -month)	<b>1.505</b>	kWhP/(m <sup>2</sup> -a)
2	Delivered electrical energy	EE,del	4.094	3.943	3.181	3.186	2.645	2.113	1.922	2.162	2.566	2.914	3.330	3.870	kWhdel/month	<b>35.926</b>	kWhdel/a
2a	Specific delivered electrical energy	EE,del'	51,82	49,92	40,26	40,33	33,48	26,75	24,33	27,37	32,48	36,88	42,15	48,99	kWhdel/(m <sup>2</sup> -month)	<b>455</b>	kWhdel/(m <sup>2</sup> -a)
5	CO2 Emissions	mCO2	2.657	2.559	2.064	2.068	1.717	1.371	1.247	1.403	1.665	1.891	2.161	2.512	kg(CO2)/month	<b>23.316</b>	kg(CO2)/a
5a	Specific CO2 emissions	m CO2'	34	32	26	26	22	17,36	15,79	17,76	21,08	23,94	27,36	31,79	kg(CO2)/(m <sup>2</sup> -month)	<b>295</b>	kg(CO2)/(m <sup>2</sup> -a)
6	Relative reduction of CO2 emissions (with reference to the baseline)	SAVrel,CO2	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>24,49</b>	%
7	Relative energy savings in primary energy (with reference to the baseline)	SAVrel,Ep	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>24,49</b>	%
8	Energy cost savings using actual local energy prices (with reference to the baseline)	SAVE	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>1.573</b>	€/a
8a	Relative energy cost savings using actual local energy prices (with reference to the baseline)	SAVrel,€	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>24,49</b>	%

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