

BUSINESS UNIT	n	Project Description	Eligible Green Category	Eligible Category	KPI	UM	2012	2013	2014	2015	2016	CONSUNTIVO 2017	CONSUNTIVO 2018	2019	2020	2021	2022		
BU AMBIENTE	1	Revamping Saliceti plant owned by Recos company (WDF recovery)	Waste Management Efficiency & Recycling	Waste collection and sorting upgrades	Waste-derived fuel (WDF) per operating year Percentage of WDF on total treated waste per operating year	t %						7,886 10.02%	2,585 5.00%	29,811 28.50%	29,811 28.50%	29,811 28.50%	29811 28.50%		
	2	Accumulators district heating in San Salvario (TO)	Energy efficiency	Energy distribution & management	Primary energy saving per operating year Electrical energy produced from renewable non-fossil sources per operating year Avoided CO2 emissions from fossil sources per operating year Avoided CO2 emissions from fossil sources per operating year by photovoltaic plant	MWh MWh t t										5,824 18.30 1,145 9.37	12,395 18.30 2,437 9.37	11,488 18.30 2,259 9.37	
	3	Accumulators district heating in Piacenza (PC)	Energy efficiency	Energy distribution & management	Primary energy saving per operating year Avoided CO2 emissions from fossil sources per operating year	MWh t											3,180 625	3,180 625	3,180 625
	4	Accumulators district heating in Parma (PR)	Energy efficiency	Energy distribution & management	Primary energy saving per operating year Avoided CO2 emissions from fossil sources per operating year	MWh t											3,180 625	3,180 625	3,180 625
	5	Accumulators district heating in Reggio Emilia (RE)	Energy efficiency	Energy distribution & management	Primary energy saving per operating year Avoided CO2 emissions from fossil sources per operating year	MWh t											10,407 2,046	10,407 2,046	10,407 2,046
BU ENERGIA	6	San Mauro/Diga del Pascolo Mini Hydro plant	Renewable energy	Mini Hydro Power	Electrical energy produced from renewable non-fossil sources per operating year Avoided CO2 emissions from fossil sources per operating year	MWhe t											6,700 3,430	6,700 3,430	
	7	Cogeneration plant Torino Nord	Energy efficiency	Cogeneration Facilities	Electrical energy produced per operating year Thermal energy produced per operating year Primary energy saving per operating year Avoided CO2 emissions from fossil sources per operating year	MWhe MWht MWh t	1,432,728 453,069 574,353 211,482	1,894,130 474,766 796,823 289,447	1,080,072 419,311 471,970 169,483	2,200,788 1,092,632 1,396,716 426,318	2,133,545 1,030,891 1,308,017 413,253	2,002,201 958,458 1,226,699 397,432	2,079,471 1,013,481 1,263,239 361,382	1,835,891 1,098,490 1,355,705 372,763	1,865,459 1,092,247 1,361,210 385,577	1,820,532 1,088,406 1,348,095 363,262	1,820,931 1,102,496 1,363,535 366,492		
	8	Valle Orco hydroelectric plants	Renewable energy	Mini Hydro Power	Electrical energy produced from renewable non-fossil sources per operating year Avoided CO2 emissions from fossil sources per operating year	MWhe t	659,800 212,358	835,100 318,999	657,100 196,644	744,894 506,814	607,942 457,165	647,139 397,432	785,192 375,498	633,055 376,466	633,055 376,466	633,055 376,466	633,055 376,466		
	9	VDE hydroelectric plants (Chiomonte- Susa) Repowering project	Renewable energy	Mini Hydro Power	Electrical energy produced from renewable non-fossil sources per operating year Avoided CO2 emissions from fossil sources per operating year	MWhe t	56,140 27,643	72,690 36,882	62,690 32,407	62,831 33,198	60,034 30,760	59,818 29,418	57,263 27,384	19,030 9,359	19,030 9,359	19,030 9,359	19,030 9,359		
	10	Cogeneration plant Moncalieri – GT2 RPW	Energy efficiency	Cogeneration Facilities	Electrical energy produced per operating year Thermal energy produced per operating year Primary energy saving per operating year Avoided CO2 emissions from fossil sources per operating year	MWhe MWht MWh t	1,669,146 659,604 84,092 310,931	2,028,560 751,435 97,341 400,332	1,585,195 817,637 84,700 349,098	1,292,799 477,307 58,099 265,512	1,515,332 612,983 871,249 303,862	1,882,310 680,375 1,026,936 321,873	1,807,728 538,323 905,088 269,818	1,474,560 432,117 778,874 241,958	1,474,560 432,117 800,263 252,292	1,474,560 432,117 820,670 257,175	1,474,560 432,117 840,349 265,655		
IREN RINNOVABILI	11	Mini Hydro Fornace plant in Baiso (RE)	Renewable energy	Mini Hydro Power	Net produced electricity from renewable non-fossil sources per operating year Avoided CO2 emissions from fossil sources per operating year	kWh t	7,118,000 3,505	8,415,080 4,270	8,428,502 4,357	6,956,287 3,675	6,879,252 3,525	4,814,847 2,368	7,599,000 3,634	7,400,000 3,639	7,400,000 3,639	7,400,000 3,639	7,400,000 3,639		
	12	Photovoltaic plants owned by "Varsi" company	Renewable energy	Solar PV Energy Generation	Net produced electricity from renewable non-fossil sources per operating year Avoided CO2 emissions from fossil sources per operating year	kWh t		9,140,541 4,501	9,190,145 4,663	8,441,384 4,364	8,180,693 4,322	9,462,000 4,848	8,700,000 4,160	8,861,162 4,358	8,861,162 4,358	8,861,162 4,358	8,861,162 4,358		
	13	Photovoltaic plants owned by "Greensource" company	Renewable energy	Solar PV Energy Generation	Net produced electricity from renewable non-fossil sources per operating year Avoided CO2 emissions from fossil sources per operating year	kWh t		4,261,527 2,098	4,241,703 2,152	4,113,361 2,126	3,670,617 1,939	4,491,000 2,301	4,255,000 2,035	4,137,375 2,035	4,137,375 2,035	4,137,375 2,035	4,137,375 2,035		
BU MERCATO	14	E-mobility initiatives in the Iren offices	Transport	Electric Vehicles	Avoided CO2 emissions from fossil sources per operating year	t							52	489	691	871	1,063		
BU RETI	15	Investments in Sewage and Waste water plants (Emilia and Liguria)	Waste Water Treatment	Waste Water Treatment Upgrades	Water Treatment plants Sewage systems	N km	1,047 8,983	1,056 9,052	1,076 9,164	1,085 9,274	1,102 9,293	1,122 9,924	1,278 10,718	1,299 10,803	1,299 10,803	1,299 10,803	1,299 10,803		
	16	Electricity distribution investments	Energy efficiency	Energy distribution & management	Network leaks Network leaks Electricity fed into the network	% GWh GWh	5.43% 243.51 4,485	7.08% 315 4,451	6.08% 249 4,097	5.87% 246 4,191	4.65% 204.1 4,387	3.91% 172.82 4,420	3.93% 157.33 4,002	3.91% 172.82 4,420	3.91% 172.82 4,420	3.91% 172.82 4,420	3.91% 172.82 4,420		