

BUSINESS UNIT	n	Project Description	Eligible Green Category	Eligible Category	KPI	UM	2006/2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	CONSUNTIVO 2017	CONSUNTIVO 2018	2019	2020	2021	2022	
BU AMBIENTE	1	Heat production from WTE plant connected to district heating network in Parma (PR)	Energy efficiency	Cogeneration Plant	PES Primary Energy Saving Indicator per operating year Renewable energy share in percent on total Thermal energy recovered from waste to Parma DH network in MWh per operating year	% % GWh									11 27 103	17 49 180	17.0 49.8 195.9	13.4 49.2 196.1	17 49 151				
	2	Heat production from WTE plant connected to district heating network district heating in Piacenza (PC)	Energy efficiency	Cogeneration Plant	PES Primary Energy Saving Indicator per operating year Renewable energy share in percent on total Thermal energy recovered from waste to Piacenza DH network in MWh per operating year	% % GWh											22.9	29.6	25 35 55	25 15 55	25 15 55	25 15 55	
	3	Sorted waste collection Turin + Emilia	Waste Management Efficiency & Recycling	Waste Management Efficiency & Recycling	Total sorted waste collection Total of non sorted waste disposed Number of bins for sorted waste Volumes of bins for sorted waste Door to door collection system Sorted waste collection hubs Volumes of waste collected in the collection hubs	t t N m3 N N t						635,724 550,903 661,961 105,278 687,215 112 161,937	644,444 503,896 648,491 113,322 833,069 112 174,639	675,610 503,896 648,709 130,371 1,061,847 112 186,210	721,788 484,128 663,268 145,345 1,139,228 117 208,544	737,163 484,426 699,065 155,114 1,391,087 117 205,719	711,910.5 464,836.6 615,681.0 163,037.1 1,391,087.0 113.0 193,307.7	788,313.3 445,411.1 839,269.0 224,758.8 1,473,268.0 113.0 211,596.35					
BU ENERGIA	4	Accumulators district heating of Bit (TO)	Energy efficiency	Energy distribution & management	Primary energy saving per operating year Avoided CO ₂ emissions from fossil sources per operating year	MWh t										3,855 768	9,201.00 1,809.00	10,723.00 1,752.00	12,181 2,395	14,372 2,826	12,395 2,437	11,488 2,259	
	5	Accumulators district heating of Marinetto (TO)	Energy efficiency	Energy distribution & management	Primary energy saving per operating year Avoided CO ₂ emissions from fossil sources per operating year	MWh t										19,261 3,787	18,403.00 3,618.00	21,446.00 3,504.00	24,363 4,790	28,744 5,651	24,790 4,874	22,977 4,517	
	6	Accumulators district heating of Mirafiori Nord (TO)	Energy efficiency	Energy distribution & management	Primary energy saving per operating year Electrical energy produced from renewable non-fossil sources per operating year Thermal energy produced from renewable non-fossil sources per operating year Avoided CO ₂ emissions from fossil sources per operating year	MWh MWh MWh t													5,846 45.75 350 1,149	14,372 45.75 350 2,826	12,395 45.75 350 2,437	11,488 45.75 350 2,259	
	7	Heat exchange and pumping substation Lucento	Energy efficiency	Energy distribution & management	Electrical energy produced from renewable non-fossil sources per operating year Avoided CO ₂ emissions from fossil sources per operating year	MWh t													- -	18.3 9.37	18.3 9.37	18.3 9.37	18.3 9.37
	8	Heat exchange and pumping T&M in Grugliasco and interconnection with Grugliasco and Beinasso	Energy efficiency	Energy distribution & management	Avoided CO ₂ emissions from fossil sources per operating year Distributed thermal energy per operating year	t MWh														31,280 145,000	31,280 145,000	31,280 145,000	31,280 145,000
	9	District heating network of Piacenza, connection and pumping to the station of Tecnoborgo (PC)	Renewable energy	Energy Network Development	Avoided CO ₂ emissions from fossil sources per operating year Distributed thermal energy per operating year	t MWh												1,874.00 43,619.00	1,874.00 43,619.00	6,463 63,701	4,883 66,988	5,002 68,632	5,122 70,276
	10	Accumulators district heating in Parma (PR)	Renewable energy	Energy Network	Primary energy saving per operating year Avoided CO ₂ emissions from fossil sources per operating year Distributed thermal energy per operating year	MWh t MWh												143,372.00 28,934.00 194,389.00	141,785.00 28,934.00 190,364.00	145,812 30,164 200,964	147,032 30,418 202,660	148,252 30,673 204,355	148,252 30,673 204,355
	11	Development of district heating networks Turin (TO)	Renewable energy	Energy Network	Primary energy saving per operating year Avoided CO ₂ emissions from fossil sources per operating year Distributed thermal energy per operating year	GWh t GWh												3,400.00 1,046,376.00 2,307.40	2,998.00 876,667.00 2,168.84	3,330 1,140,770 2,450	3,416 1,170,212 2,513	3,479 1,151,843 2,559	3,479 1,151,843 2,559
	12	Development of district heating networks of Emilia (RE)	Renewable energy	Energy Network	Primary energy saving per operating year Avoided CO ₂ emissions from fossil sources per operating year Distributed thermal energy per operating year	MWh t MWh												120,327.00 47,097.00 407,335.00	114,281.00 31,056.00 413,484.00	96,191 34,889 411,144	96,758 35,095 413,567	98,175 35,609 419,625	98,175 35,609 419,625
	13	Mini Hydro "La Loggia"	Renewable energy	Mini Hydro	Electrical energy produced from renewable non-fossil sources per operating year Avoided CO ₂ emissions from fossil sources per operating year	MWh t											2,733 1,403	3,537 1,816	3,342.50 1,643.80	2,637.99 1,261.55	3,536 1,810	3,536 1,810	3,536 1,810
	14	Mini Hydro "Pianchette - Noasca"	Renewable energy	Mini Hydro	Electrical energy produced from renewable non-fossil sources per operating year Avoided CO ₂ emissions from fossil sources per operating year	MWh t														2020 1034	2020 1034	2020 1034	2020 1034
15	Mini Hydro "Giffoni" riattivazione impianto Vassi	Renewable energy	Mini Hydro	Electrical energy produced from renewable non-fossil sources per operating year Avoided CO ₂ emissions from fossil sources per operating year	MWh t														1837 940	1837 940	1837 940	1837 940	
IREN RINNOVABILI	16	Enia Solaris fotovoltaic plants near Brindisi	Renewable energy	Solar	Net produced electricity from renewable non-fossil sources per operating year Avoided CO ₂ emissions from fossil sources per operating year	MWh t											7,370,000.00 3,188.32	6,667,000.00 3,188.32					
BU RETI	17	Improvement of Genoa plants	Waste Water Treatment	Waste Water	Treated population equivalent (potential) Analytic parameters (Abb % BOD, Abb % COD, Abb % SST, Abb % Ntot, Abb % Ptot)	% %											231,000	231,000	236,000	236,000	423,000	423,000	
	18	Improvement of Reggio Emilia plants	Waste Water Treatment	Waste Water	Volumes of water destined to irrigation re-usage / Volumes of total treated water Treated population equivalent (potential) Analytic parameters (Abb % BOD, Abb % COD, Abb % SST, Abb % Ntot, Abb % Ptot)	% % %											30%	30%	28%	28%	28%	28%	
	19	Improvement of Piacenza plants	Waste Water Treatment	Waste Water	Treated population equivalent (potential) Analytic parameters (Abb % BOD, Abb % COD, Abb % SST, Abb % Ntot, Abb % Ptot)	% %											23,500	23,500	23,500	23,500	23,500	23,500	
	20	Improvement of Parma plants	Waste Water Treatment	Waste Water Plant	Treated population equivalent (potential) Analytic parameters (Abb % BOD, Abb % COD, Abb % SST, Abb % Ntot, Abb % Ptot)	% %											11,900	11,900	14,000	14,000	14,000	14,000	
	21	Cogeneration turboexpansion plant "Celsius"	Energy efficiency	Cogeneration Plant	Net produced electricity from renewable non-fossil sources per operating year Avoided CO ₂ emissions from fossil sources per operating year	MWh t												45,000.00 12.36	75,000.00 21.80	5,100,000 1,200	5,100,000 1,200	5,100,000 1,200	5,100,000 1,200
	22	Hydroelectric investments	Renewable energy	Mini Hydro	Net produced electricity from renewable non-fossil sources per operating year Avoided CO ₂ emissions from fossil sources per operating year	MWh t	23,238,000 11,930	23,238,000 11,930	23,238,000 11,930	24,699,000 12,680	25,916,000 13,305	32,653,000 16,763	40,118,220 20,596	44,540,598 22,866	30,996,087 15,912	30,504,404 15,660	24,898,000.00 12,244.56	37,163,530.00 15,381.38					