

BUSINESS UNIT	n	Project Description	Eligible Green Category	Eligible Category	KPI	UM	2006/2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022			
BU AMBIENTE	1	Termovalorizzatore per produzione calore per tlr – Comune di Parma	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	% % MWh									11 27 103	17 49 130	17 49 133	17 49 150	17 49 151						
	2	Termovalorizzatore per produzione calore per tlr – Comune di Piacenza	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	% % MWh														25 35 55	25 15 55	25 15 55	25 15 55		
	3	Raccolta differenziata Torino + Emilia	Waste Management Efficiency & Recycling	Waste Management Efficiency & Recycling	Total sorted waste collection (t) Total of non sorted waste disposed (t) Number of bins for sorted waste Volumes of bins for sorted waste (m³) Door to door collection system (n) Sorted waste collection hubs (n) Volumes of waste collected in the collection hubs (t)	t t N mc N N t						635.724 550.903 661.961 105.278 687.215 112 161.937	644.444 528.100 648.491 111.322 833.069 112 174.639	675.610 503.896 648.709 120.371 998.080 112 186.210	721.788 484.128 663.268 145.345 1.061.847 117 208.544	737.163 488.426 699.065 155.114 1.139.228 117 205.719									
BU ENERGIA	4	Accumulatori teleriscaldamento del Bit (TO)	Energy efficiency	Energy distribution & management	Primary energy saving per operating year [MWh] Avoided CO ₂ emissions from fossil sources per operating year [t]	MWh t										3.855 758	8.220 1.616	10.079 1.981	12.181 2.395	14.372 2.826	12.395 2.437	11.488 2.259			
	5	Accumulatori teleriscaldamento del Martinetto (TO)	Energy efficiency	Energy distribution & management	Primary energy saving per operating year [MWh] Avoided CO ₂ emissions from fossil sources per operating year [t]	MWh t										19.261 3.787	20.563 4.043	20.157 3.963	24.363 4.790	28.744 5.651	24.790 4.874	22.977 4.517			
	6	Accumulatori teleriscaldamento di Mirafiori Nord (TO)	Energy efficiency	Energy distribution & management	Primary energy saving per operating year [MWh] Electrical energy produced from renewable non-fossil sources per operating year [MWh] Thermal energy produced from renewable non-fossil sources per operating year [MWh] Avoided CO ₂ emissions from fossil sources per operating year [t]	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	Sottostazione scambio termico e pompaggio Lucento	Energy efficiency	Energy distribution & management	Electrical energy produced from renewable non-fossil sources per operating year [MWh] Avoided CO ₂ emissions from fossil sources per operating year [t]	MWh t												18,3 9,37	18,3 9,37	18,3 9,37	18,3 9,37	18,3 9,37	18,3 9,37		
	8	Scambio termico e pompaggio TRM Grugliasco e interconnessione con Grugliasco e Beinasco	Energy efficiency	Energy distribution & management	Avoided CO ₂ emissions from fossil sources per operating year [t] Distributed thermal energy per operating year [MWh]	t MWh														31.280 145.000	31.280 145.000	31.280 145.000	31.280 145.000		
	9	Rete di teleriscaldamento di Piacenza, collegamento e stazione di pompaggio Tecnoborgo (PC)	Renewable energy	Energy Network Development	Avoided CO ₂ emissions from fossil sources per operating year [t] Distributed thermal energy per operating year [MWh]	t MWh							2.384 32.706	2.506 34.389	2.104 28.873	2.504 34.361	2.738 37.568	3.205 43.978	4.232 58.066	4.643 63.701	4.883 66.988	5.002 68.632	5.122 70.276		
	10	Rete di teleriscaldamento di Parma (PR)	Renewable energy	Energy Network Development	Primary energy saving per operating year [MWh] Avoided CO ₂ emissions from fossil sources per operating year [t] Distributed thermal energy per operating year [MWh]	MWh t MWh							12.813 4.326 176.797	13.260 1.551 176.815	127.896 16.856 159.146	179.722 23.614 188.688	199.900 29.523 196.691	199.900 29.909 199.268	202.519 30.164 200.964	204.243 30.418 202.660	205.966 30.673 204.355	207.689 30.673 204.355	207.689 30.673 204.355		
	11	Sviluppo reti teleriscaldamento Torino (TO)	Renewable energy	Energy Network Development	Primary energy saving per operating year [GWh] Avoided CO ₂ emissions from fossil sources per operating year [t] Distributed thermal energy per operating year [GWh]	GWh t GWh							2.794 1.007.686 2.192	2.889 1.092.546 2.312	2.270 795.595 1.990	2.733 933.086 2.109	2.997 1.026.775 2.205	3.125 1.070.460 2.299	3.176 1.087.995 2.336	3.330 1.140.770 2.450	3.416 1.170.222 2.513	3.479 1.191.843 2.559	3.479 1.191.843 2.559		
	12	Sviluppo reti teleriscaldamento Emilia (RE)	Renewable energy	Energy Network Development	Primary energy saving per operating year [MWh] Avoided CO ₂ emissions from fossil sources per operating year [t] Distributed thermal energy per operating year [MWh]	MWh t MWh							91.780 33.289 456.566	92.595 33.585 285.767	93.365 33.864 384.325	93.883 34.052 409.932	94.065 34.118 402.057	94.986 34.452 405.995	95.553 34.658 408.418	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 [MWh] Avoided CO ₂ emissions from fossil sources per operating year [t]	MWh t									3.536 1.810	3.536 1.810	3.536 1.810	3.536 1.810	3.536 1.810	3.536 1.810	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 [MWh] Avoided CO ₂ emissions from fossil sources per operating year [t]	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 [MWh] Avoided CO ₂ emissions from fossil sources per operating year [t]	MWh t														1837 940	1837 940	1837 940	1837 940		
	IREN RINNOVABILI	16	Impianti Fotovoltaici Enia Solaris presso Brindisi	Renewable energy	Solar	Net produced electricity from renewable non-fossil sources per operating year (kWh) Avoided CO ₂ emissions from fossil sources per operating year [t]	kWh t						6.813.750 3.491	6.290.625 3.223	6.721.427 3.444	7.051.488 3.613	6.826.286 3.498								
	BU RETI	17	MIGLIORAMENTO IMPIANTI GENOVA	Waste Water Treatment	Waste Water Treatment upgrades	Treated population equivalent (potential) (n) Analytic parameters (Abb % BOD, Abb % COD, Abb % SST, Abb % Ntot, Abb % Ptot)	N %						160.000	160.000	196.000	196.000	196.000	231.000	231.000	236.000	326.000	423.000	423.000		
		18	MIGLIORAMENTO IMPIANTI REGGIO EMILIA	Waste Water Treatment	Waste Water Treatment upgrades	Volumes of water destined to irrigation re-usage / Volumes of total treated water Treated population equivalent (potential) (n) Analytic parameters (Abb % BOD, Abb % COD, Abb % SST, Abb % Ntot, Abb % Ptot)	% N							19350	19350	19350	0 20250	18% 20250	28% 24250	28% 24250	28% 38850	28% 38850	28% 38850	28% 38850	
19		MIGLIORAMENTO IMPIANTI DI PIACENZA	Waste Water Treatment	Waste Water Treatment upgrades	Treated population equivalent (potential) (n) Analytic parameters (Abb % BOD, Abb % COD, Abb % SST, Abb % Ntot, Abb % Ptot)	N %							17360	17360	17360	19500	19500	23500	23500	23500	23500	23500	23500		
20		MIGLIORAMENTO IMPIANTI DI PARMA	Waste Water Treatment	Waste Water Plant Upgrades	Treated population equivalent (potential) (n) Analytic parameters (Abb % BOD, Abb % COD, Abb % SST, Abb % Ntot, Abb % Ptot)	N %							10400	10400	11650	11650	11900	11900	14000	14000	14000	14000	14000		
21		CELSIUS - Impianto di turboespansione cogenerativa	Energy efficiency	Cogeneration Plant	Net produced electricity from renewable non-fossil sources per operating year (kWh) Avoided CO ₂ emissions from fossil sources per operating year [t]	kWh t														5.100.000 1.200	5.100.000 1.200	5.100.000 1.200	5.100.000 1.200	5.100.000 1.200	
22		Investimenti idroelettrici	Renewable energy	Mini Hydro	Net produced electricity from renewable non-fossil sources per operating year (kWh) Avoided CO ₂ emissions from fossil sources per operating year [t]	kWh 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	34.404.000 17.662	36.453.000 18.714	36.453.000 18.714	36.453.000 18.714								