

DATA AVAILABLE	
377.419 Mkm/year	Annual travelled distance per vehicle in Italy
85 %	Average availability fraction of nuclear plants
30 %	Average availability fraction of wind energy
50 g_{CO_2}/km	Average (lifecycle) emission factor of bio-ethanol
90 %	Average availability fraction of a coal power plant
25 %	Average availability fraction of photovoltaic energy
1,25 kW	Average capacity of 1 solar panel of 10 m ²
136,5 g_C/kWh	Average carbon intensity of electrical energy production
1,5 $\frac{t_C}{ha\ year}$	Average carbon sequestration in soils and forests in temperate climates
1020 $\frac{g_{CO_2}}{dry\ kg}$	Average CO ₂ avoided emissions in a wood fuelled biomass plant
960 $\frac{g_{CO_2}}{dry\ kg}$	Average CO ₂ avoided emissions in a pellets fuelled domestic boiler
800 g_{CO_2}/kWh	Average CO ₂ intensity of electrical energy from coal
70 %	Average conversion efficiency of a pellets fuelled domestic boiler
212 g_{CO_2}/km	Average current emission factor of automobiles (gasoline and diesel)
35 %	Average efficiency of a coal power plant
40 %	Average efficiency of electrical energy production in Italy
25 $\frac{g}{t\ km}$	Average emission factor of freight transportation by rail and ship
2619 g_{CO_2}/l	Average emission factor of fuel (gasoline and diesel)
60 g_{CO_2}/MJ	Average emission factor of natural gas and diesel oil in the residential sector
110 $\frac{g}{t\ km}$	Average emission factor per passenger of freight transported by car
4 h/day	Average daily hours of use of artificial light
17,178 GJ/dry t	Average LHV per dry ton of woody biomass
16 GJ/dry t	Average LHV per dry ton of pellets
130 $\frac{kWh}{m^2\ year}$	Average thermal demand of current apartments

5000.00 <i>hours/year</i>	Average production time of electric production in a cogeneration plant
1200 <i>hours/year</i>	Average production time of thermal heating in a cogeneration plant
75 %	Average thermal efficiency in the civil sector
30 $Mt_{CO_2}/year$	CO ₂ emissions from freight transportation in Italy
36,4 kg_{CO_2eq}/kg_{beef}	CO _{2eq} emissions for the production of one kg of beef
5,05 $kg_{CO_2eq}/kg_{legumes}$	CO _{2eq} emissions for the production of one kg of legumes
900 kg_{CO_2eq}/t_{RSU}	CO _{2eq} emissions per ton of waste disposed in dumps
100 kg_{CO_2eq}/t_{RSU}	CO _{2eq} emissions per ton of waste managed in an integrated system
1,2 <i>passengers/car</i>	Coefficient for car occupancy
45 %	Cogeneration plant – efficiency in electric power generation
40 %	Cogeneration plant – efficiency in thermal power generation
69,3 $Mt_{CO_2}/year$	Current CO ₂ traffic emissions in Italy
16 %	Electrical efficiency of a wood fuelled biomass plant
27,3 <i>GWh/year</i>	Electrical energy produced by photovoltaics in 2004
1846.5 <i>GWh/year</i>	Electrical energy produced by wind in 2004
303.321 <i>GWh/year</i>	Electrical energy produced in Italy
1240 <i>kcal/kg_{beef}</i>	Energetic content of one kg of beef
977 <i>kcal/kg_{legumes}</i>	Energetic content of one kg of legumes
500 $\frac{kWh}{year\ inhab.}$	Energy consumed by appliances set in stand-by mode
500 $\frac{kWh}{year\ inhab.}$	Energy consumed by dishwashers and washing machines
600 $\frac{kWh}{year\ house}$	Energy consumed by other household electric appliances
800 $\frac{kWh}{year\ inhab.}$	Energy consumed by refrigerators
120000 km^2	Extension of agricultural land in Italy
60 <i>W</i>	Incandescent bulb power
34.000.000	Number of motor vehicles in Italy

25 kg_{beef} per capita /year	Per capita beef consupption
546 kg_{CO_2} /year	Per capita daily production of wastes
154 $\frac{km}{inhab\ year}$	Per capita distance travelled by bike in Italy in 2000 (EEA, 2008)
80 %	Percentage of CO ₂ avoided in a CCS (carbon capture and storage) coal plant
97 %	Percentage of emissions due to freight transportation by truck
30 %	Percentage of energy saved with highly efficient dishwashers and washing machines
45 %	Percentage of energy saved with highly efficient refrigerators
85 %	Percentage of energy saved with the turning off of appliances set in stand-by
50 %	Percentage of energy saved with highly efficient of other houseold appliances
60 %	Percentage of meat imported from abroad
95 %	Percentage of reduction of carbon intensity with nuclear energy
0,031 GW_p	Photovoltaic energy installed capacity as of 31/12/2004
60 millions of inhab.	Population in Italy
1,1 MW_{el}	Power capacity of a wood fuelled biomass plant
25 %	Reduction in electric consmption of CFB
800 $\frac{kg\ C}{ha\ year}$	Specific carbon sequestration in the soil with conservative farming practices
50 $\frac{kWh}{m^2\ year}$	Thermal demand of a Class B building
1,14 GW_p	Wind energy installed capacity as of 31/12/2004