

### **Emission factors and primary energy factors (15-year projection 2013-2027)**

SAP 2012 Table 12 provides data on emission factors and primary energy factors for a 3-year projection 2013-2015. Those are used for calculations according to SAP 2012.

The table below gives factors for a 15-year projection, which may be relevant to consideration of longer term impacts. Except for the values given in this table, the factors for a 15-year projection are the same as those in SAP 2012 Table 12.

### **Emission factors and primary energy factors (15-year projection 2013-2027)**

<b>Fuel</b>	<b>Emissions kg CO<sub>2</sub> per kWh</b>	<b>Primary energy factor</b>
<b>Gas:</b>		
mains gas	0.222	1.28
<b>Electricity:</b>		
all tariffs, import or export	0.381	3.28
<b>Community heating schemes:</b>		
heat from boilers – mains gas	0.222	1.28
waste heat from power station	0.042	1.36
geothermal heat source	0.030	1.26
electricity, import or export	0.381	3.28