



## The average share of electricity from renewable energy sources in the Community

Article 3 of Directive 2009/28/EC on the promotion of the use of energy from renewable sources states in section 4. (c) the following:

*for the calculation of the contribution from electricity produced from renewable sources and consumed in all types of electric vehicles for the purpose of points (a) and (b), Member States may choose to use either the average share of electricity from renewable energy sources in the Community or the share of electricity from renewable energy sources in their own country as measured two years before the year in question.*

The reference to the **average share of electricity from renewable energy sources** should be interpreted in line with the definitions and calculation methodologies described in this Directive. Thus this share shall be calculated with numerator including the hydro and wind electricity generation normalized according to rules set in Annex II of Directive 2009/28/EC and excluding the production of electricity in pumped storage units from water that has previously been pumped uphill. The denominator shall be the total gross electricity consumption (all production minus pumped hydro production plus imports minus exports).

The values for EU-27 and EU-28 are shown in the table below and correspond to values in row 36 on sheets "EU27" and "EU28" in the MS Excel file with results of the SHARES 2011.

RE share [%]	2004	2005	2006	2007	2008	2009	2010	2011
<b>EU-27 average</b>	14.18	14.67	15.15	15.84	16.64	18.76	19.62	21.71
<b>EU-28 average</b>	14.32	14.80	15.26	15.93	16.72	18.84	19.71	21.79

Source: [SHARES 2011](#)

The values in this table shall be also the input for the SHARES 2012 tool with respect to calculating the final consumption of energy from renewable sources in transport and specifically for the choice of Member States to use either the Community values or their own national values.

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Last updated: 11 June 2013