



Did you know that ...

## To reach the EU's target for renewables for 2030, Sweden will not need more renewable energy than what Sweden has, if the burden is shared the same way as for the target for 2020

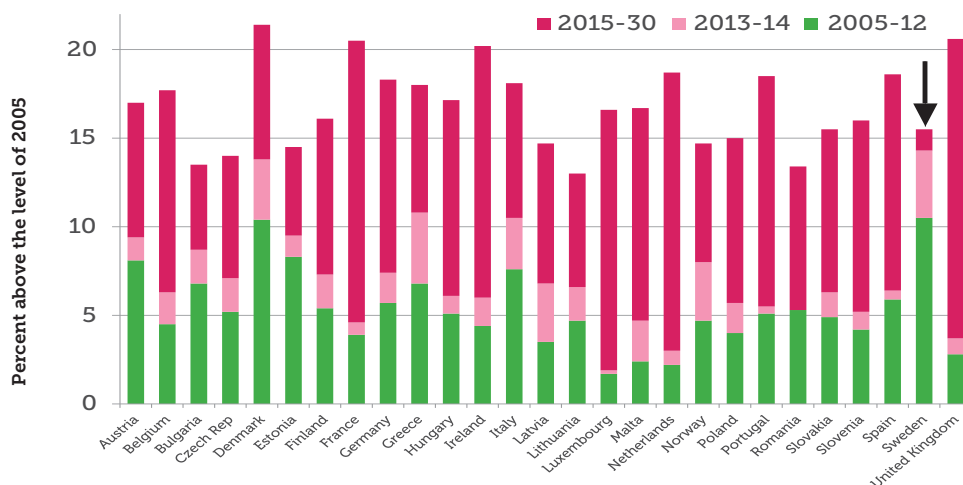
We fulfilled our commitments for 2020 stipulated in the EU's renewables directive already several years ago and, if the burden of reaching the EU's target of 27 % by 2030 is distributed across the Member States in the same way as the 2020 goal, we will reach also this goal within a few years. This is unique in the EU.

The EU has defined a target for the share of renewables of the energy use by 2030 of 27 %. This is a step-up in ambition from the 20 % target for 2020. The 2030 target is still expressed as an EU-common goal, but there is an option to define a future distribution of the burden if this will show necessary to reach the target.

If the EU's target of 27 % renewable share by 2030 will be burden-distributed, in the same way as the 2020 target, it will be a very easy task for Sweden. This is unique for Sweden, since we are far ahead of most of the EU countries in this area. This means that the EU in this case will not expect us to deliver more renewable energy than we do today. Neither in the electricity sector, nor in the industry, on the heat market or in the transport sector.

Thus, the EU's step-up in ambition for the share of renewable energy will have a very small impact on our electricity system. Moreover, the Swedish electricity system is already associated with very small CO<sub>2</sub> emissions, so neither will the EU's 40 % greenhouse gas reduction target for 2030 place any further requirements on the electricity power system.

Altogether, we will not have to expand wind and solar power beyond what we have today until 2030, if we solely refer to the requirements in the EU's energy and climate policies. We have other commitments under the Swedish – Norwegian electricity certificate system, but beyond that we can fully balance the continued expansion of renewable power against the expected demand of energy and load in the electricity power system.



Commitments regarding new renewable power by 2030 for the EU's Member States, if the effort is distributed in the same way as the target for 2020. Sweden is then, as the only EU Member State, very close to reach the goal already now. (Since statistics for 2013 – 2014 are not yet available, we have made our own assumptions regarding these years, based on the outcome for 2011 – 2012).