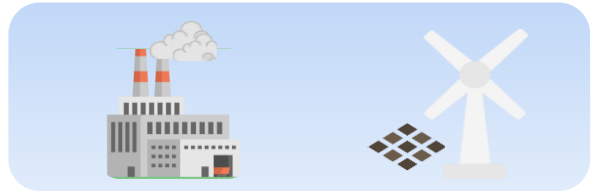


The Primary Energy Factor (PEF) explained

With the current European calculation method for energy savings, 1 kWh of electricity saved is considered the same as saving 2.27 kWh of gas – even if the electricity comes from renewable energy



WHAT IS WRONG WITH THE CURRENT PEF?

MISLEADING EUROPEAN CITIZENS

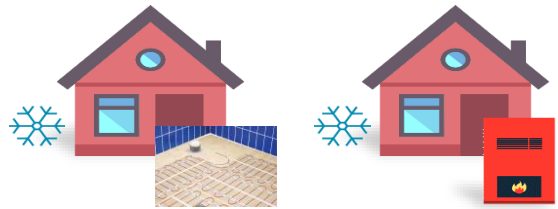
In the Energy Efficiency Directive (EED), boiling water on a gas stove is considered twice as efficient as using electricity – even when the electricity is based on renewables



This is **misleading consumers** and goes in the **wrong direction** when it comes to **fighting climate change**.

INCREASING EUROPEAN DEPENDENCE

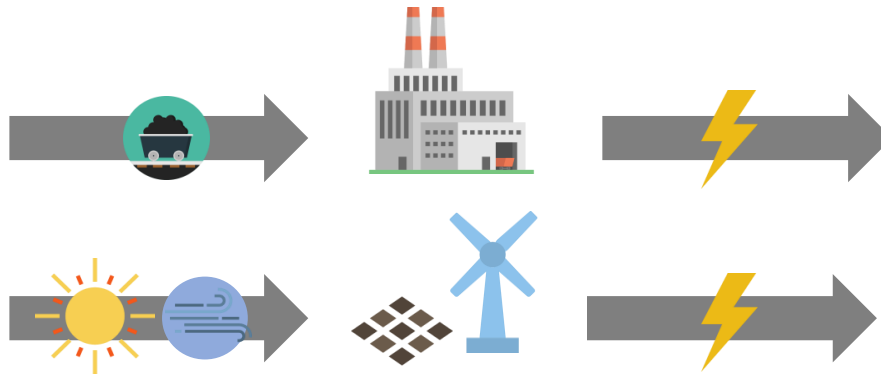
Since electricity use is multiplied by 2.5, a direct electric underfloor heating system is considered almost as inefficient as an oil or gas boiler – even if it's powered by renewables



This is going in the **wrong direction** as the EU wants to **reduce its energy supply dependence**.

DID YOU KNOW?

According to the current regulation (EED), saving 1 kWh of green and clean electricity from renewables is considered as good as saving 1 kWh of coal-based electricity



THE IMPACT?

According to EED, saving electricity is equally desirable regardless of the source, even if it comes from renewable energy

In the EU Energy Efficiency Directive, electricity savings are multiplied by a factor of 2.5. This promotes burning fossil fuels directly rather than using electricity - even when the latter is derived from renewables.

[Read more](#) about the Primary Energy Factor (PEF), which is the root of the problem.