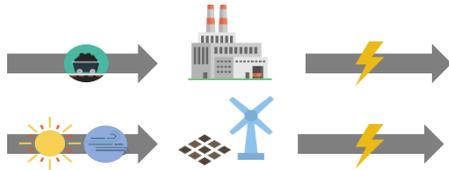


Decarbonized electricity from renewables in the heating and cooling sector remains one of the best options for the European Union to meet the 2050 goals for reduction of carbon emissions

A lower Primary Energy Factor for a greener Future

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.



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

[Read more](#) about the Primary Energy Factor (PEF)

EUHA actively participated in the drafting of joint position papers calling for a lower PEF value



The **current PEF** calculation is **misleading consumers** and goes in the **wrong direction** when it comes to **fighting climate change and reducing** the EU energy supply dependence.

EUHA therefore calls for a lower PEF value to promote the benefits of clean electricity from renewable energy.

Electric underfloor heating solutions to European regulations

Smart and efficient buildings in Europe

EUHA promotes the development of NZEB in Europe and for an increased use of renewables to reduce emissions. Electric Underfloor Heating can help making grids smarter when combined with modern controls, thus facilitating the development of renewable energy generation.



Energy efficiency First

EUHA supports the EU Energy Efficiency Directive's targets as 100% of the energy used by the Electric Underfloor Heating appliances is converted into heat, thus maximizing its energy efficiency and avoiding unnecessary energy losses.

The Future is green and clean

The environmental performance of Electric Underfloor Heating appliances can be improved if they are coupled with solar panels or other clean energy sources. In fact, those appliances are particularly suited for Renewable Energy Sources, offering the possibility of clean emission-free heat generation.



More than heating, comfort for consumers

EUHA welcomed the European Commission's Heating and Cooling Strategy. Electric heating represents one of the best performing solution thanks to its flexibility and responsiveness and it also provides primary but mainly secondary comfort heating

The Electric Underfloor Heating Alliance – EUHA – unites manufacturers to promote the interests of the product sector within a new electrified smart grid infrastructure. The group promotes the adoption of higher efficiency electric underfloor heating systems, providing primary but mainly secondary comfort heating in low energy demand buildings.

