

Affordable and clean energy

As Finland is one of the most northern nations in the world and facing four seasons in a year, this provides us a unique challenge to supply renewable energy all year round. Despite of the natural restrictions we are facing, we have had an opportunity to convert our energy supply to one of the cleanest and most reliable ones in the world, by securing to local sources.



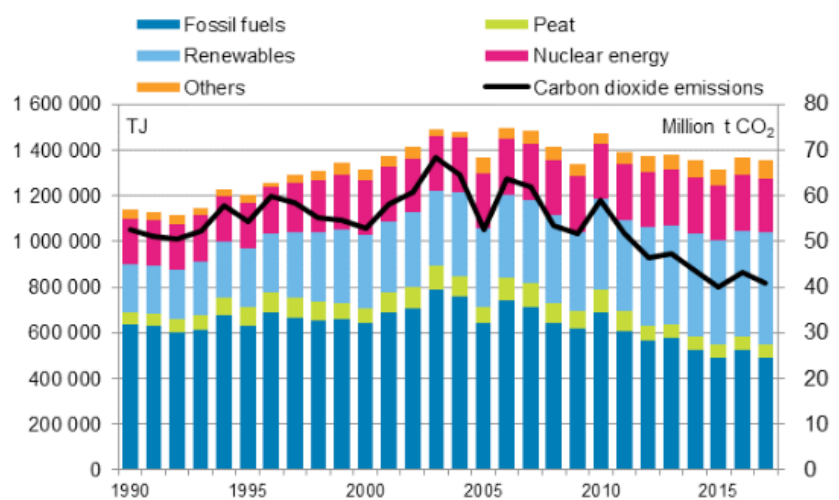
We in MTK welcome the targets on SDG 7! We see the decentralized renewable energy supply as a provider of clean and secure growth.

In Finland we are facing an energy transition, where renewables and a decentralized supply is challenging the fossil imports. We have decreased Finnish net-emissions by 50% since 1990 and Finland decreased its emissions last year most in EU28.

We promote efficient utilization of rural bioenergy and other renewable energy in electricity and heat production, as well as low-emission traffic fuels. The most significant source of rural bioenergy is forest biomass. Agricultural bioenergy sources include livestock manure, other animal by-products and field biomass, such as grass. Their utilization requires investment subsidies at the farm level, and favorable industrial and environmental legislation.

To exploit rural bioenergy resources, a decentralized power and heat production system is a fundament. Energy plants using fossil fuels need to be converted into ones using bioenergy and other renewables. We encourage using solar, wind and hydropower in energy production. We recognize the importance of peat as a fuel improving domestic energy security of supply, for as long as coal and other fossiles are imported to Finland.

We encourage emissions from agricultural production to be reduced by improving the energy efficiency and energy self-sufficiency of farms, and by increasing individual production of renewable energy. We develop MTK member services to support the members' ability to provide sustainable renewable energy services to the society.



Total energy consumption and carbon dioxide emissions 1990-2017 (Source: National statistics of Finland)

Environmental sustainability

MTK has created **environmental promises** as part of responsible agriculture and forestry. MTK encourages to take care of water, land, air and biodiversity.

Economic sustainability

MTK's target is to enhance the profitability of Finnish agriculture and forestry. This enables farms to meet better the requirements of more demanding environmental operations.

Social sustainability

By taking care of sustainability and increasing renewable energy production, we enhance the energy security and wellbeing of local communities.