



## Reliable power for business

Finland's energy sector produces a highly reliable power supply at a low cost and is a world leader in the use of bioenergy.

### Efficient and affordable energy

Foreign investors in Finland can depend on a highly reliable and cost-effective power supply to run their business with maximum efficiency. Finland's power generation, transmission and grid systems are extremely efficient and the price of electricity is among the lowest in Europe. EU Eurostat figures show that in terms of purchasing power, the price of domestic electricity in Finland is one of the cheapest in the EU countries and about one third lower than the average price in the EU.

### Secure, developing and sustainable policy

Finland's energy policies are focused on energy security, economic development and environmental sustainability. Power generation in Finland is decentralised across more than 400 power stations, which use several different production technologies and raw materials. This diversified approach ensures a very stable energy supply and has kept the price of electricity, natural gas, wood and peat at a competitive level.

### Forerunner in renewable energy

In the overall use of renewable energy, Finland is one of the leaders in Europe: renewable consumption as a share of gross final energy consumption is 28,5%, when the EU-average is 8,5%. Still, Finland is committed to further increasing the share of renewables, up to 38% by 2020.

To reach the target, the share of renewable consumption must be increased by 30 TWh within a decade, which entails increasing the usage of biomass for energy by 19 TWh, wind energy by 6 TWh and heat pumps by 6 TWh.

### Sources and further information

#### Finland Energy Industries

[www.energia.fi](http://www.energia.fi)

#### Statistics Finland

[www.tilastokeskus.fi](http://www.tilastokeskus.fi)

#### Ministry of Employment

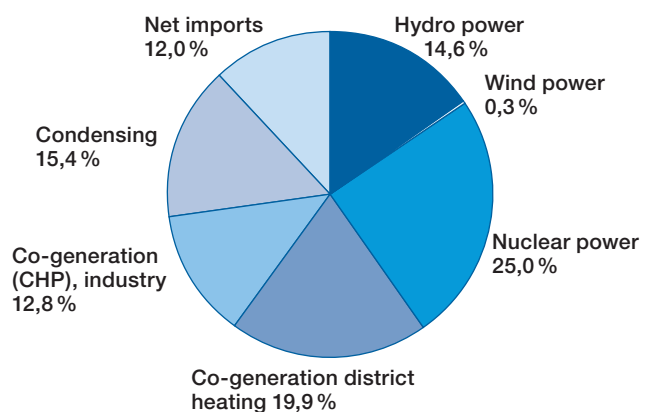
and the Economy: [www.tem.fi](http://www.tem.fi)

### World leader in bioenergy

Finland is one of the world's leading users of bioenergy and a developer of combustion technologies and effective fuel chains. The Finnish energy cluster has special expertise in biomass powered energy technologies, cogeneration and power plant automation.

Cogeneration or CHP (combined heat and power production) is exceptionally high in Finland, resulting in fewer environmental emissions. Research and development is constantly carried out into the use of renewable energy resources such as barley ethanol, turnip rape and logging waste. About a third of all the energy consumed in Finland today is produced from renewable raw materials.

Net Supplies of Electricity 87,5 TWh (2010)



Source: Finnish energy industries