

Facts and figures

4 billion tons

of greenhouse gases were saved by generating electricity from hydropower instead of coal in 2017; this equates to all the emissions from the EU in the same year. Within the global energy mix, hydropower is one of the smallest emitters of greenhouse gas.

16 %

of the electricity generated worldwide comes from hydropower.

Only approx. **30** %

of the global hydropower potential has been used so far. In addition, existing plants hold enormous potential for expansion through modernization.

Around **2** million people

work in hydropower across the globe – roughly equivalent to the population of Latvia.



2/3 of the electricity generated from renewable sources worldwide comes from hydropower. It is the largest renewable energy source in terms of electricity production, which will remain for decades to come.

Up to **90** %

efficiency with a lifespan of up to 100 years makes hydropower one of the most efficient forms of energy generation and storage.

30 seconds

is the time pumped storage plants need to ramp up from standstill. Thanks to its storage potential, hydropower ensures flexibility and grid stability and allows the integration of wind and solar energy.



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