

FACTSHEET ON WOOD BIOMASS IN THE CZECH REPUBLIC

Land area	7,89 million hectares
Forest area	2,67 million hectares 33, 8 % from land area
Protected forests and forest under Natura 2000	754,9 thousand hectares (2018) and 258 461 hectares of SCI under Natura 2000 (2019)

Forest stand in 2019	704,9 mil. m ³ (2019)
Wood supply in 2019	30 386 thousand m3
Wood fuel production in 2019	5 022 thousand m3 16,5 % from harvested wood

Primary Energy consumption *)	1801 PJ
Wood fuel share in primary energy sources *)	125 PJ 6,94 %
Wood fuel share in H&C *)	18 %
Wood fuel share in electricity *)	2,4 %

* data from 2018

- In 2019 gross consumption of RES in the Czech Republic amounted to 191.3 PJ, which constitutes a 9.3% increase in 2014–2018. Fuelwood constitutes 65 % of the RES consumption. During 2014-2018, gross consumption of fuelwood increased by 9.1 PJ.
- The main use of the fuelwood is in H&C. **In RES-H&C 18% share is ensured by biomass, in RES-E its share is 3 % (as a by-product of highly efficient CHP).**
- In 2019, 22 % of biomass was consumed in transformation sector to produce electricity and heat, 72 % to produce heat. 80 % of electricity and heat consumption was in households and 18 % in industry (especially in the paper industry).
- Production and consumption of wooden pellets in the Czech Republic have been steadily rising as they gradually replace coal-powered household boilers.