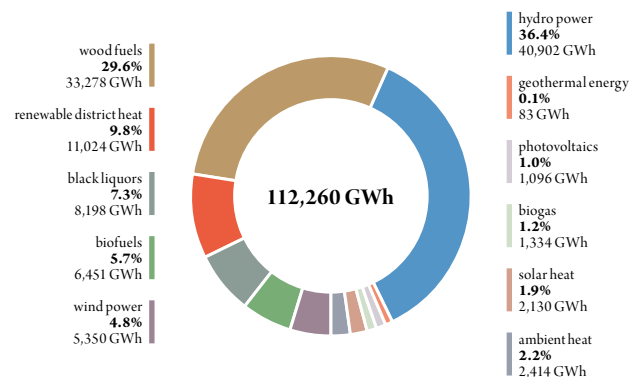


RENEWABLE ENERGY IN DETAIL

FINAL ENERGY CONSUMPTION PROVIDED BY RENEWABLE ENERGY 2016



Data source: Statistik Austria (2017b)

RENEWABLE FINAL ENERGY CONSUMPTION BY TECHNOLOGY

	in total – GWh		Change	Share
	2015	2016	2015→2016	2016
Biogas	1,158	1,334	+15.1%	1.2%
Biofuels	7,759	6,451	-16.9%	5.7%
Renewable district heat ¹	10,787	11,024	+2.2%	9.8%
Geothermal energy	84	83	-0.4%	0.1%
Wood fuel ²	32,073	33,278	+3.8%	29.6%
Black liquors	6,532	8,198	+25.5%	7.3%
Photovoltaics	937	1,096	+17.0%	1.0%
Solar heat	2,129	2,130	+0.1%	1.9%
Ambient heat	2,231	2,414	+8.2%	2.2%
Hydro power	39,752	40,902	+2.9%	36.4%
Wind power	4,679	5,350	+14.3%	4.8%
Sums	108,122	112,260	+3.8%	100.0%

¹ renewable share, includes: waste, wood-based fuels, biogas, biogenic liquids, black liquors, other solid biogenics and geothermal energy

² firewood, woodchips, wood pellets, wood briquettes, waste wood, charcoal, biogenic waste

Data source: Statistik Austria (2017b)

RENEWABLE ENERGY IN AUSTRIA

KEY FIGURES OF RENEWABLE ENERGY IN AUSTRIA IN according to the EU Renewables Directive 2009/28/EC

Share of creditable renewable energy in Austria in 2016¹

Total share of renewable energy	33.5%
Share of renewable energy in electricity generation	71.7%
Share of renewable energy in district heating	46.1%
Share of renewable energy in the final energy consumption of transport (incl. electric energy)	8.7%
Share of renewable energy in the final energy consumption of industry	40.0%
Share of renewable energy in the final energy consumption of the service sector	51.4%
Share of renewable energy in the final energy consumption of households	51.7%
Share of renewable energy in the final energy consumption of agriculture	48.3%

CO₂ avoidance through renewable energy^{2,3}

All sources of energy (incl. large-scale hydropower)	30.22 mio. t of CO ₂ equ
sources of energy not including large-scale hydropower (only power stations up to 10 MW)	18.10 mio. t of CO ₂ equ

Gross final energy consumption from renewable Sources¹

Total amount of electricity from renewables	51,951 GWh/187.0 PJ
Hydropower	40,902 GWh
Wind power	5,350 GWh
Biomass (solid, liquid, gaseous)	3,226 GWh
Black liquors	1,378 GWh
Photovoltaics	1,096 GWh
Geothermal energy	0.02 GWh
Total renewable heat	53,858 GWh/193.9 PJ
Biomass (solid, liquid, gaseous)	31,386 GWh
District heat (share from renewables)	11,024 GWh
Black liquors	6,821 GWh
Solar thermal energy	2,130 GWh
Ambient heat	2,414 GWh
Geothermal energy	83 GWh
Total renewable fuels	6,451 GWh/23.2 PJ
Biofuels (admixed)	6,451 GWh
Total Gross final energy consumption	112,260 GWh/404.1 PJ

Importance of renewable energy for the national economy³

Primary turnover	7.219 billion euro
Primary effect on employment (full-time equivalents)	41,591 full-time jobs

Data sources: ¹Statistik Austria (2017b), ²Statistik Austria (2017a), ³e-think (2017)



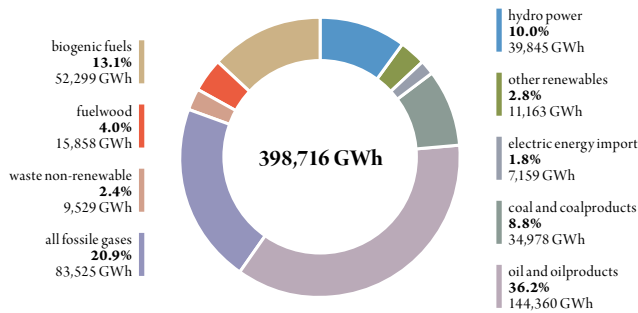
RENEWABLE ENERGY FACTS & FIGURES 2017

THE DEVELOPMENT IN AUSTRIA DATABASE 2016

BUNDESMINISTERIUM
FÜR NACHHALTIGKEIT
UND TOURISMUS

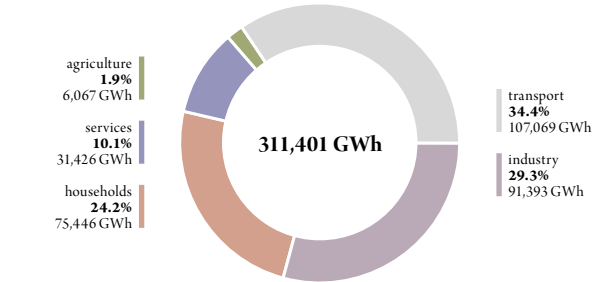
ENERGY CONSUMPTION IN AUSTRIA

GROSS DOMESTIC CONSUMPTION
BY ENERGY SOURCES 2016



Data source: Statistik Austria (2017b)

FINAL ENERGY CONSUMPTION
BY SECTOR 2016



Data source: Statistik Austria (2017b)

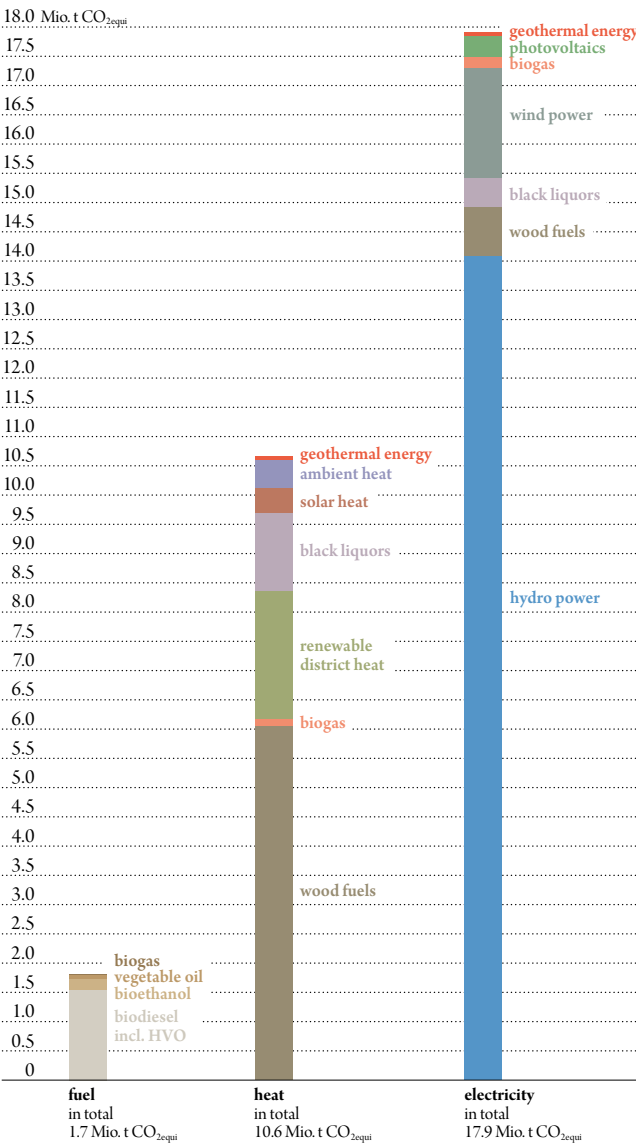
DOWNLOAD THE COMPLETE PUBLICATION

www.bmnt.gv.at/umwelt/energiawende/erneuerbare_energie/erneuerbare-energie-in-zahlen-2017.html

IMPORTANCE FOR CLIMATE PROTECTION

CO₂-EQUIVALENT EMISSIONS AVOIDANCE

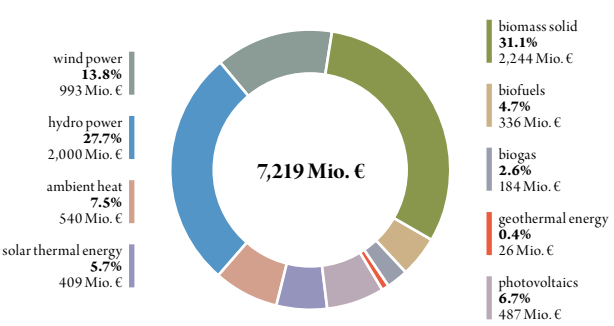
TOTAL AMOUNT 30.2 MIO. T CO₂EQUI



Data source: e-think (2017)

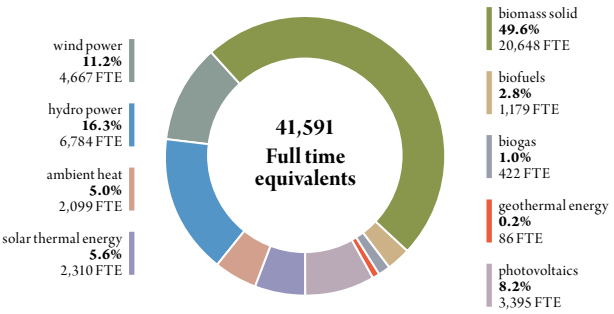
AND FOR THE NATIONAL ECONOMY

PRIMARY TURNOVER SHARES
BY RENEWABLE TECHNOLOGY



Data source: e-think (2017)

EMPLOYMENT EFFECTS
BY RENEWABLE TECHNOLOGY



Data source: e-think (2017)

IMPRINT

Published by:
FEDERAL MINISTRY OF
SUSTAINABILITY AND TOURISM
Stubenring 1, 1010 Vienna, Austria
bmnt.gvat
editor: Division I/2,
Energy and Economic Policy
Photo credit: Cover: iStock.com/danielschoenen
Design concept: WIEN NORD Werbeagentur
Graphic design: Feinschliff Grafik,
Litho und Produktion GmbH, Vienna
All rights reserved.
Vienna, December 2017



Printed according to criteria
documents of the austrian
Eco-Label "printed products".
gugler print, Melk,
UWZ-Nr. 609, www.gugler.at