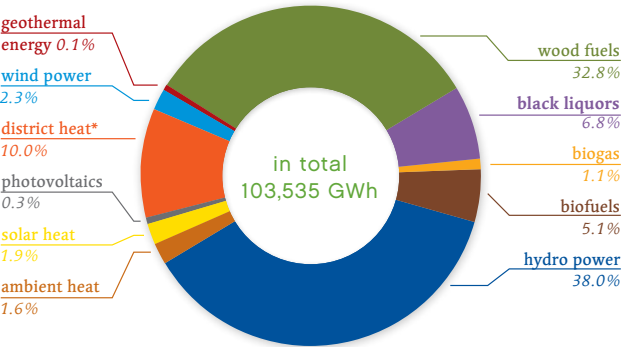


Renewable Energy in detail

Final energy consumption provided by renewable energy



Data source: Statistik Austria (2013)
*Renewable district heat

Renewable final energy consumption by energy source

ENERGY SOURCE	IN TOTAL GWh 2011	2012	CHANGE 2011 → 2012
Biogas	923	1,095	+18.7%
Bio fuels	5,055	5,266	+4.2%
Renewable district heat	10,172	10,355	+1.8%
Geothermal energy	78	82	+5.0%
Wood fuel	31,839	33,932	+6.6%
Black liquors	6,970	7,049	+1.1%
Photovoltaics	174	337	+93.9%
Solar heat	1,942	2,011	+3.6%
Ambient heat	1,544	1,684	+9.0%
Water power	38,659	39,311	+1.7%
Wind power	2,089	2,412	+15.4%
Sums	99,446	103,535	+4.1%

Data source: Statistik Austria (2013)

Renewable Energy in Austria in 2012

SHARE OF RENEWABLE ENERGY IN AUSTRIA IN 2012	percent
Total share of renewables	32.2%
Share of renewable electricity	65.3%
Share of renewable district heat	45.0%
Share of renewables in transportation	6.6%
Share of other renewables	29.6%
CO ₂ -AVOIDANCE THROUGH RENEWABLE ENERGY	tons of CO ₂ equi
not including large-scale hydropower	16.64 Mio. t
including large-scale hydropower	30.07 Mio. t
FINAL ENERGY PROVIDED BY RENEWABLE ENERGY	GWh [PJ]
RENEWABLE ELECTRICITY	
Hydropower	39,311 GWh
Biomass (solid, liquid, gaseous)	3,307 GWh
Wind power	2,412 GWh
Black liquors	1,334 GWh
Photovoltaics	337 GWh
Geothermal energy	0.7 GWh
Total amount of electricity from renewables	46,703 GWh [168.1 PJ]
RENEWABLE HEAT	
Biomass (solid, liquid, gaseous)	31,720 GWh
District heating (share from renewables)	10,355 GWh
Black liquors	5,715 GWh
Solar thermal energy	2,011 GWh
Ambient heat	1,684 GWh
Geothermal energy	82 GWh
Total renewable heat	51,566 GWh [185.6 PJ]
RENEWABLE FUELS	
Blended biofuels	5,266 GWh
Total renewable fuels	5,266 GWh [19.0 PJ]
Total final energy from renewables	103,535 GWh [372.7 PJ]
IMPORTANCE OF RENEWABLE ENERGY FOR THE NATIONAL ECONOMY	billion Euro resp. full-time equivalents
Primary yield	5.91 billion Euro
Primary effect on employment	38,789 full time jobs

Ratios of renewables in Austria in 2012 according to the EU Renewable Energy Directive 2009/28/EG.

Data sources: Statistics Austria (2012), Energy Economics Group - TU Wien (2013)



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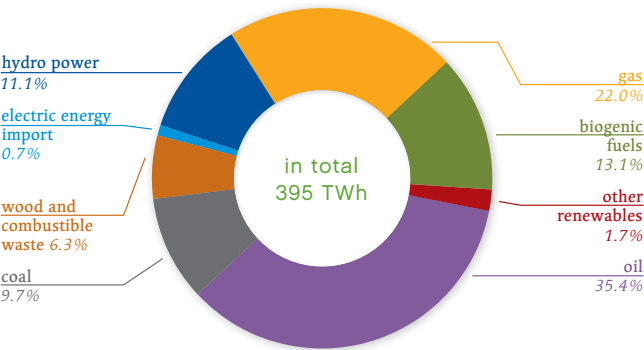
Renewable Energy Facts & Figures

The development of renewable energy in Austria in 2012



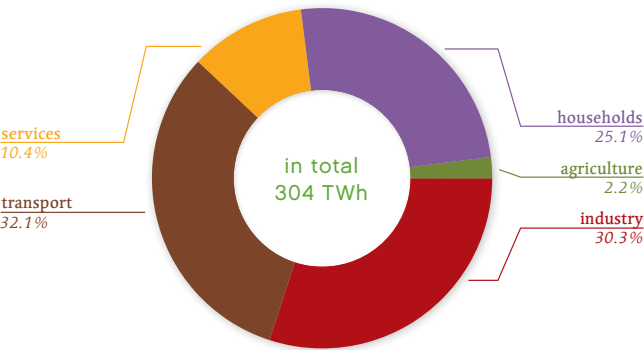
Energy Consumption in Austria

Gross domestic consumption by energy source



Data source: Statistik Austria (2013)

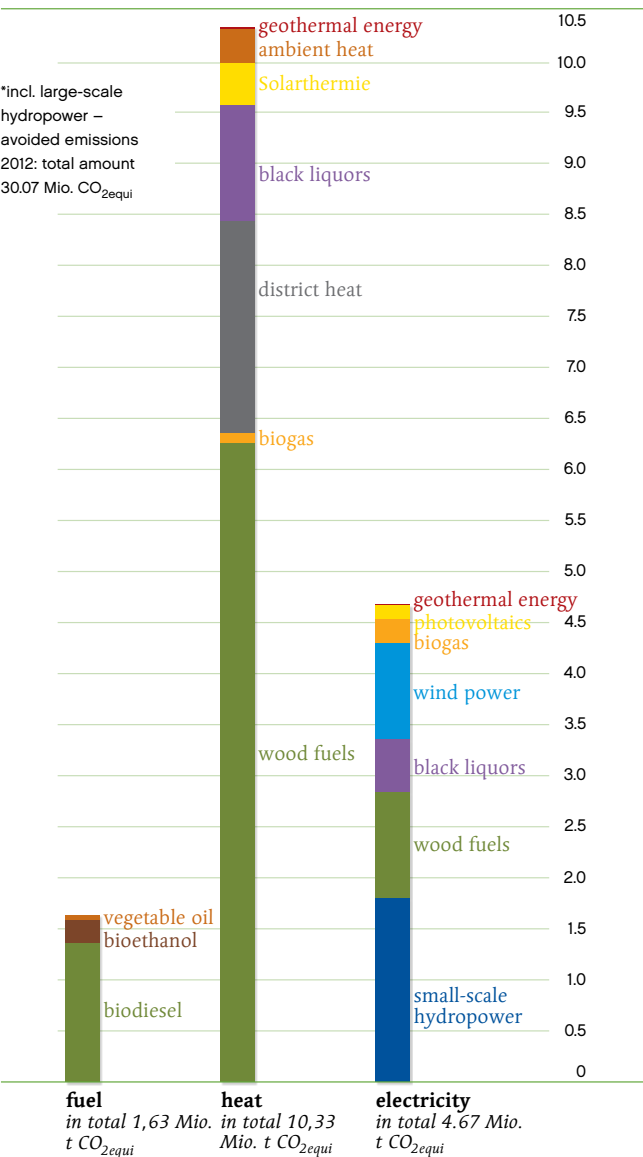
Final energy consumption by sector



Data source: Statistik Austria (2013)

Importance for climate protection

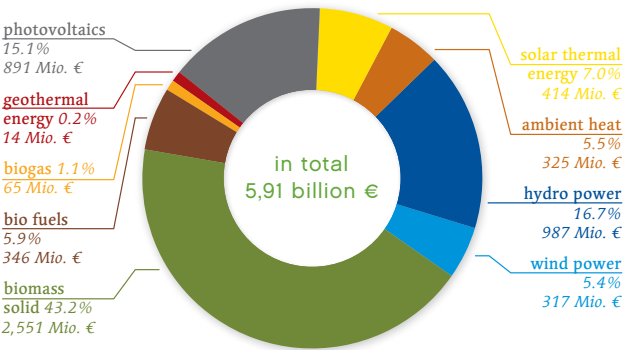
CO₂ avoidance through renewable energy by sector – total amount 16.64 Mio. CO₂equi



Data source: Energy Economics Group - TU Wien (2013)

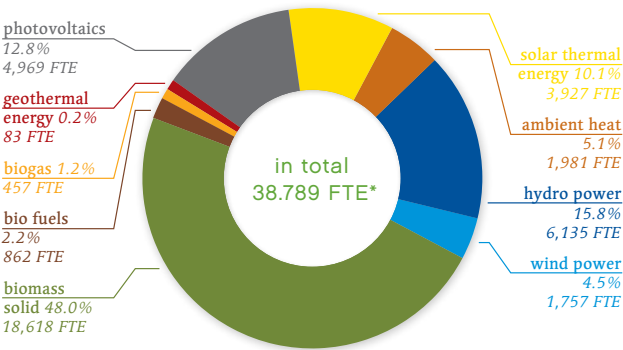
and for the national economy

Total turnover of green industry by renewable technology



Data source: Energy Economics Group - TU Wien (2013)

Employment effects of green industry by renewable technology



Data source: Energy Economics Group - TU Wien (2013)

*FTE=full-time equivalents

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