

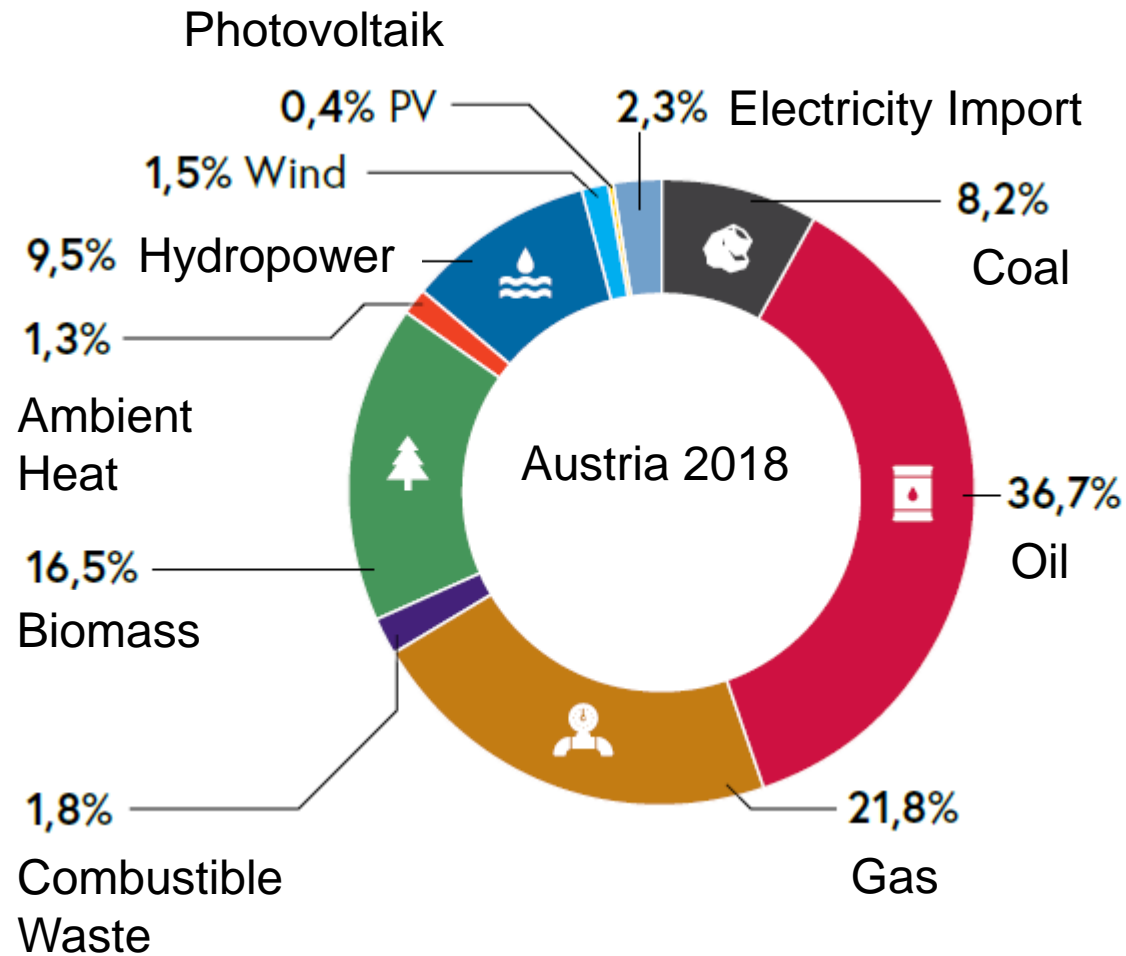


Energy, everywhere.

Austrian Energy Scenarios

Warsaw, September 17th, 2019

Share of Energy Sources Austria



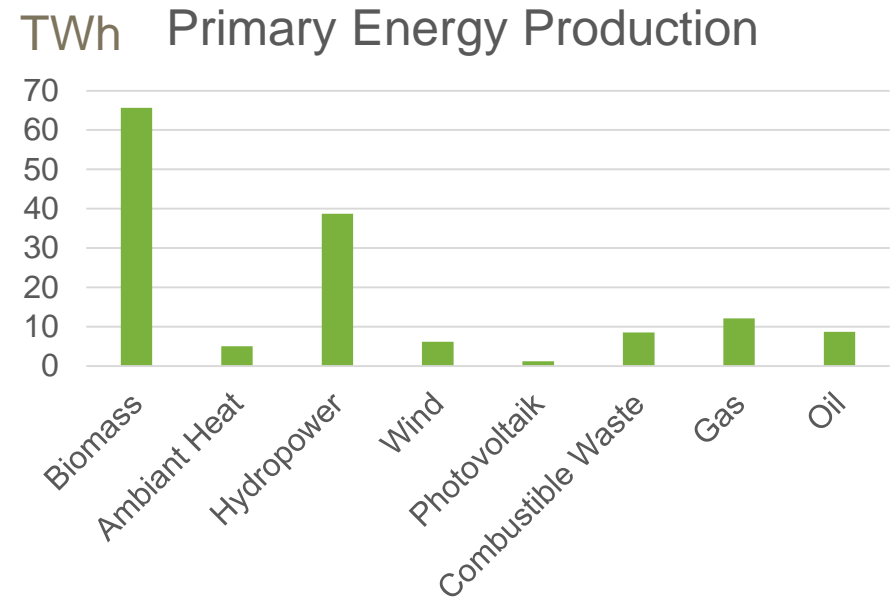
Energy Balance Austria

Domestic production (primary energy)

Biomass	66 TWh
Ambiant Heat	5 TWh
Hydropower	39 TWh
Wind	6 TWh
Photovoltaik	1 TWh
Combustible Waste	9 TWh
Gas	12 TWh
Oil	9 TWh

Energy Consumption 317 TWh

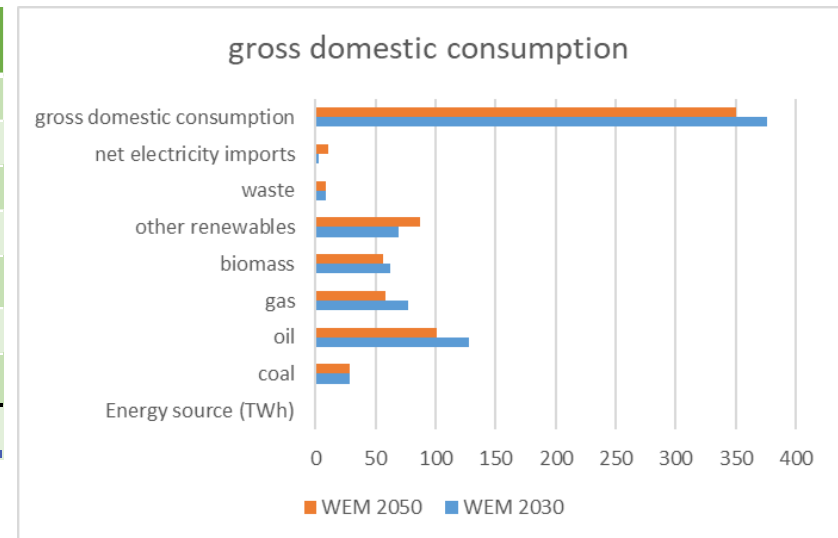
Source: *Energie in Österreich 2018 (Zahlen, Daten, Fakten) BMFNT*



What progress is Austria's climate and energy strategy making ?

Currently the following 2 scenarios are the best-known ones

Energy source (TWh)	WEM 2030	WEM 2050
coal	28	28
oil	128	101
gas	77	58
biomass	62	56
other renewables	69	87
waste	9	9
net electricity imports	3	11
gross domestic consumption	376	350



Scenario WEM

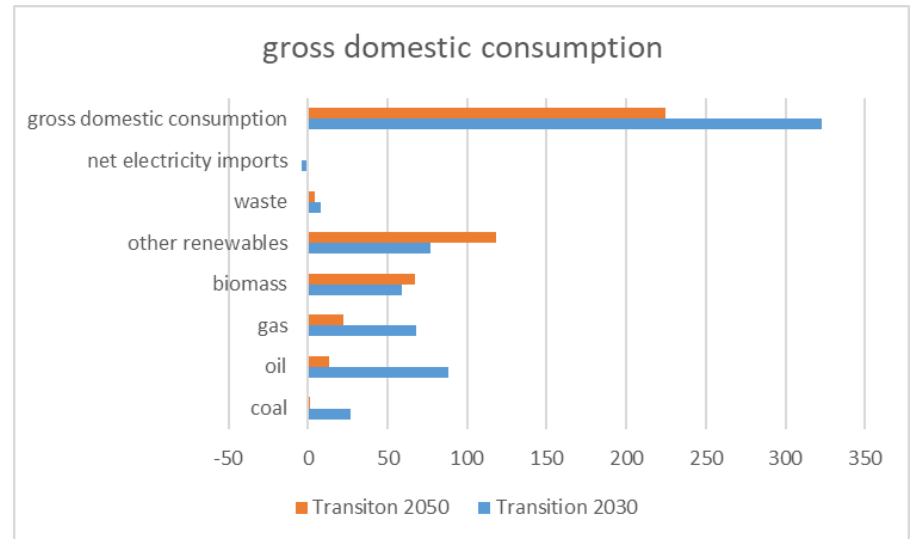
(with existing measures) all measures in place on May 30, 2016 taken into account.

Share of renewable energy:
In 2050: 44%

Austria's environmental authorities devise even more drastic scenarios

gross domestic consumption by energy source – Transition Scenario

Energy source (TWh)	Transition 2030	Transition 2050
coal	27	1
oil	88	13
gas	68	22
biomass	59	67
other renewables	77	118
waste	8	4
net electricity imports	-4	0
gross domestic consumption	323	225



Scenario Transition

shows how the Paris climate goals could work out by reducing GHG emissions by 80% (ref. 1990) until 2050 and -36% until 2030.

Share of renewable energy:

In 2030: 47%

In 2050: 94%

Energy Policy Status (AT):

- Following the dissolution of government early summer 2019, the designing of detailed measures came to a halt. However, climate change is an omnipresent theme in election campaigning. OMV & GCA are actively pushing „Gas replacing Coal“ and „Hydrogen as energy storage“, OMV also towards Recycling and PV, GCA towards biogas for distribution networks as well as in general within ENTSOG and GIE to secure the future role of gas infrastructure. Stated and widely accepted goal is to have - on balance - 100% renewable power by 2030. (#mission 2030)
- Post election and after constitution of a new government detailed measures will be elaborated – which is relevant for GCA's distribution system in the long run, while the transmission system is rather dependent on energy strategies of Hungary, Slovenia, Germany and Italy.



Energy, everywhere.

Goodbye.