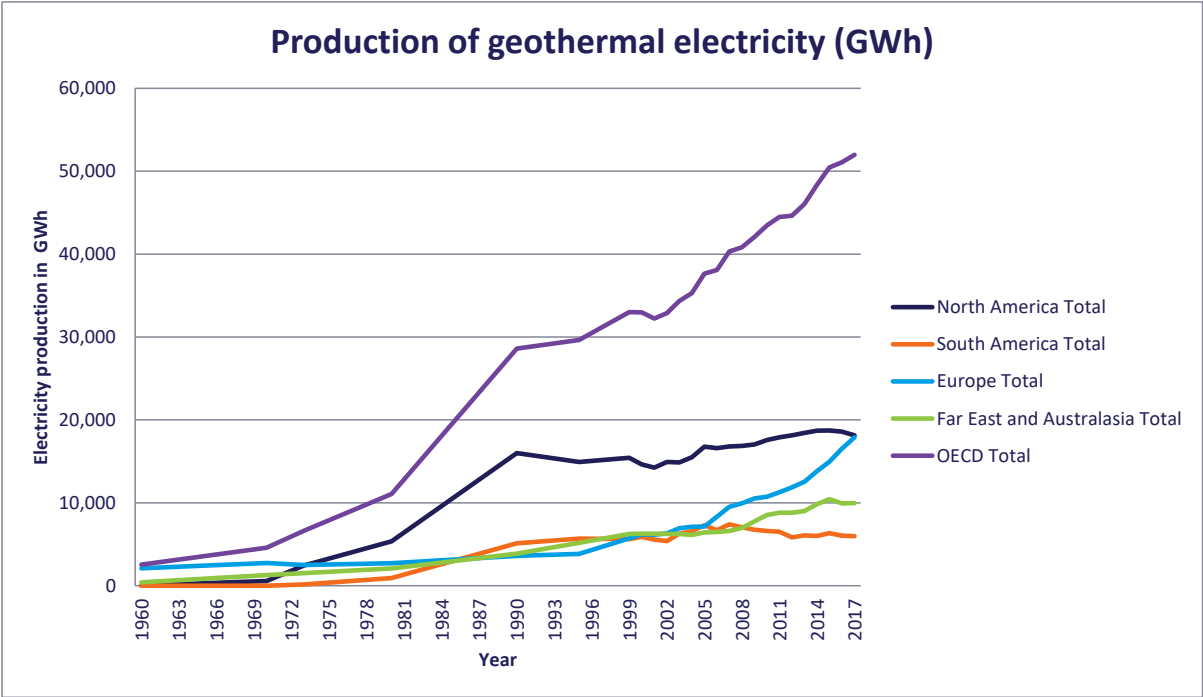


Production of geothermal electricity (GWh)

Synopsis

Geothermal electricity is the 4th largest source of renewable electricity. In 2017 the US was the highest producer with a share of 34.9% of the OECD total, New Zealand was the second highest producer with a share of 14.4% and Italy was the third highest producer with a share of 11.9%. The average annual rate of growth between 1990 and 2017 was a low 2.2% where production increased from 28.6 TWh to 51.98 TWh. OECD Europe experienced the highest growth rate in recent years and in 2017 produced nearly the same amount of electricity from geothermal sources as North America. Projections indicate that the growth in geothermal electricity production will be small over the next few years due to very few development schemes in place.



Production of geothermal electricity (GWh)

	1960	1970	1980	1990	2000	2005	2010	2011	2012	2013	2014	2015	2016	2017 p
NORTH AMERICA														
Canada	-	-	-	-	-	-	-	-	-	-	-	-	-	-
USA	35	562	5,352	16,012	14,621	16,778	17,577	17,892	18,135	18,422	18,710	18,727	18,584	18,142
TOTAL	35	562	5,352	16,012	14,621	16,778	17,577	17,892	18,135	18,422	18,710	18,727	18,584	18,142
SOUTH AMERICA														
Chile	-	-	-	-	-	-	-	-	-	-	-	-	-	64
Mexico	-	-	915	5,124	5,901	7,299	6,618	6,507	5,817	6,070	6,000	6,331	6,148	5,925
TOTAL	-	-	915	5,124	5,901	7,299	6,618	6,507	5,817	6,070	6,000	6,331	6,033	5,989
EUROPE														
Austria	-	-	-	-	-	2	1	1	1	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Czech Republic	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-	4	8
Germany	-	-	-	-	-	-	28	19	25	80	98	134	175	185
Greece	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hungary	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iceland	-	13	50	300	1,323	1,658	4,465	4,702	5,209	5,245	5,238	5,003	5,068	5,170
Ireland	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Italy	2,104	2,725	2,672	3,222	4,705	5,324	5,376	5,654	5,592	5,659	5,916	6,185	6,289	6,201
Luxembourg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Poland	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	1	4	80	71	197	210	146	197	205	204	172	206
Slovak Republic	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Switzerland	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Turkey	-	-	-	80	76	94	668	694	899	1,364	2,364	3,425	4,819	6,128
UK	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	2,104	2,738	2,723	3,606	6,184	7,149	10,735	11,280	11,872	12,545	13,821	14,951	16,527	17,898
FAR EAST AND AUSTRALASIA														
Australia	-	-	-	-	-	-	1	1	-	1	1	1	-	-
Japan	-	-	900	1,741	3,348	3,226	2,647	2,676	2,609	2,596	2,577	2,582	2,509	2,451
Korea	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Zealand	407	1,273	1,185	2,131	2,922	3,188	5,882	6,116	6,194	6,416	7,258	7,855	7,425	7,502
TOTAL	407	1,273	2,085	3,872	6,270	6,414	8,530	8,793	8,803	9,013	9,836	10,438	9,934	9,953
OECD TOTAL	2,546	4,573	11,075	28,614	32,976	37,640	43,460	44,472	44,627	46,050	48,367	50,447	51,078	51,982

Source: World Energy Statistics, IEA