

Nuclear power by country

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Thirty-one countries operate nuclear power stations, and there are a considerable number of new reactors being built in China, South Korea, India, and Russia.^[3] As of June 2011, Germany and Switzerland are phasing-out nuclear power.^{[4][5]}

As of June 2011, countries such as Australia, Austria, Denmark, Greece, Ireland, Italy, Latvia, Lichtenstein, Luxembourg, Malta, Portugal, Israel, Malaysia, New Zealand, and Norway remain opposed to nuclear power.^{[6][4]}

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Overview

Of the thirty-one countries which operate nuclear power plants, only France uses them as its primary source of electricity, although many countries have a significant nuclear power generation capacity. Some nations have plans to start a nuclear power program; these includes OECD members, such as Poland, and developing countries, such as Bangladesh and Vietnam. China and India are both pursuing an ambitious expansion of their nuclear power capacities.



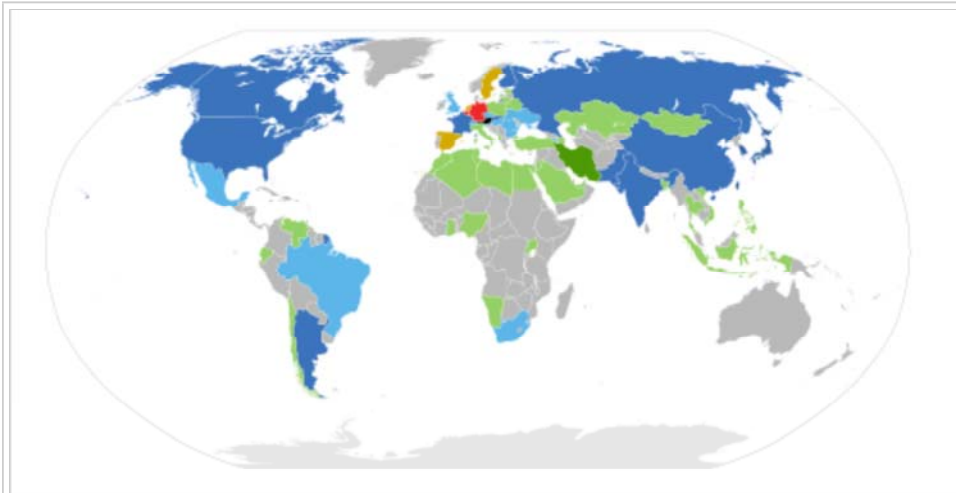
The Cattenom Nuclear Power Plant in France. France produces around three quarters of its electricity by nuclear power.^[1]



The Grafenrheinfeld Nuclear Power Plant in Germany. Chancellor Angela Merkel's coalition announced on May 30, 2011, that Germany's 17 nuclear power stations will be shut down by 2022, in a policy reversal following Japan's Fukushima Daiichi nuclear disaster.^[2]

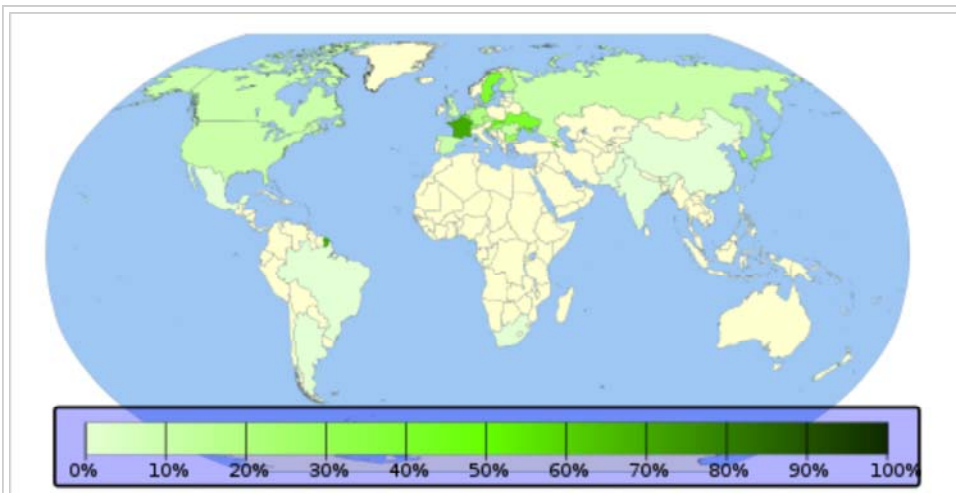
Country ✕	Megawatt capacity ✕	Nuclear share of electricity production ✕
 Argentina	935	7.0%
 Armenia	376	45.0%
 Belgium	5,943	51.7%
 Brazil	1,901	3.0%
 Bulgaria	1,906	35.9%
 Canada	12,679	14.8%
 China (PRC)	10,234	1.9%
 Czech Republic	3,686	33.8%
 Finland	2,721	32.9%
 France	63,236	75.2%
 Germany	20,339	26.1%
 Hungary	1,880	43.0%
 India	4,780	2.9%
 Japan	47,348	28.9%
 Korea, South (ROK)	18,716	31.1%
 Mexico	1,310	4.8%
 Netherlands	485	3.7%
 Pakistan	725	2.7%
 Romania	1,310	20.6%
 Russia	23,084	17.8%
 Slovakia	1,760	53.5%
 Slovenia and Croatia	696	37.9% + 8.0%
 South Africa	1,800	4.8%
 Spain	7,448	17.5%
 Sweden	9,399	37.4%
 Switzerland	3,252	39.5%
 Taiwan (ROC)	4,927	20.7%
 Ukraine	13,168	48.6%
 United Kingdom	10,962	17.9%
 United States	101,229	20.2%
World	378,910	14%

References:^{[1][7]}



The status of nuclear power globally:



- Operating reactors, building new reactors
- Operating reactors, planning new build
- No reactors, building new reactors
- No reactors, planning new build
- Operating reactors, stable
- Operating reactors, considering phase-out
- Civil nuclear power is illegal
- No reactors



Nations based on nuclear output on national power output.

Nuclear power output in megawatts

Country/region	Operable	Suspended	Decommissioned	Shutdown	Construction	Planned	Cancelled
 United States	97,603	3,603	2,340	6,675			3,704
 France	61,443	600	40	2,623	1,600	1,600	
 Japan	43,692		13				
 Germany	20,844			4,936			1,358
 Russia	19,897	950	248	1,701	2,825	9,850	2,850
 South Korea	18,716				8,600	5,600	
 Ukraine	13,045			1,900	4,750		
 Canada	12,728			1,364			
 United Kingdom	10,306	5,452		466	5,232		
 Sweden	10,002						
 Spain	7,085	2,797	480				2,950
 Belgium	5,712						
 Taiwan	4,884						
 India	4,780 ^[8]				1,820		
 Czech Republic ^[9]	3,830					2,000	
 Bulgaria	2,000						
 Switzerland	2,985		9				
 Lithuania	2,760						
 Finland	2,520						
 China	2,100				3,100		
 South Africa	1,840						
 Hungary	1,729						
 Slovakia	1,632	840	104		824		
 Mexico	1,308						
 Argentina	935				692		
 Pakistan	725				300		
 Brazil	626	1,229			1,229		
 Slovenia	620						
 Romania	620	620			620		
 Netherlands	452			55			
 Armenia	440			440			

 Kazakhstan	135						
 Cuba		834					
 Philippines							605
 Italy				1,423			

See also

- List of nuclear reactors
- Uranium reserves
- World Nuclear Industry Status Report
- Nuclear energy policy by country
- Nuclear power accidents by country

References

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External links

- World Nuclear Statistics (http://www.nei.org/resourcesandstats/nuclear_statistics/worldstatistics/)

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