#### Nuclear power phase – out

A **nuclear power phase-out** is the discontinuation of usage of <u>nuclear power</u> for energy production. Often initiated because of <u>concerns about nuclear power</u>, phase-outs usually include shutting down <u>nuclear power plants</u> and looking towards <u>renewable energy</u> and other fuels. <u>Austria</u> was the first country to begin a phase-out (in <u>1978</u>) and has been followed by <u>Sweden</u> (1980), <u>Italy</u> (1987), <u>Belgium</u> (1999), and <u>Germany</u> (2000). <u>Austria</u>, and <u>Spain</u> have gone as far as to enact laws not to build new nuclear power stations. Several other <u>European</u> countries have debated phase-outs.

As of June 2011, Germany and Switzerland are phasing-out nuclear power.

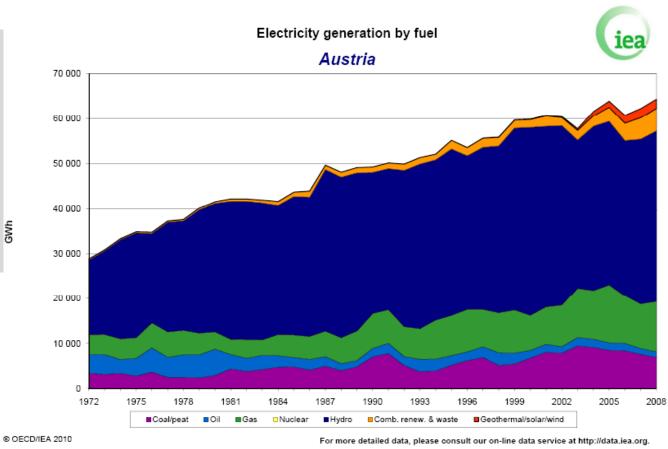
# Nuclear electricity generation



#### Austria - 1978

Austria was the first country to begin a phase-out (in 1978) and has been followed by Sweden (1980), Italy (1987), Belgium (1999), and Germany (2000)

IEA Energy Statistics



Statistics on the Web: http://www.iea.org/statist/index.htm

<u>Austria</u>, and <u>Spain</u> have gone as far as to enact laws not to build new nuclear power stations.

#### Sweden 1980

IEA Energy Statistics

1972

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1975

1978

■Coal/peat

1981

■Gas

1984

Nuclear

Austria was the first country to begin a phase-out (in 1978) and has been followed by Sweden (1980), Italy (1987), Belgium (1999), and Germany (2000)

Electricity generation by fuel

Sweden

180 000
140 000
100 000
80 000
40 000
20 000

1990

Comb. renew. & waste

Statistics on the Web: http://www.iea.org/statist/index.htm

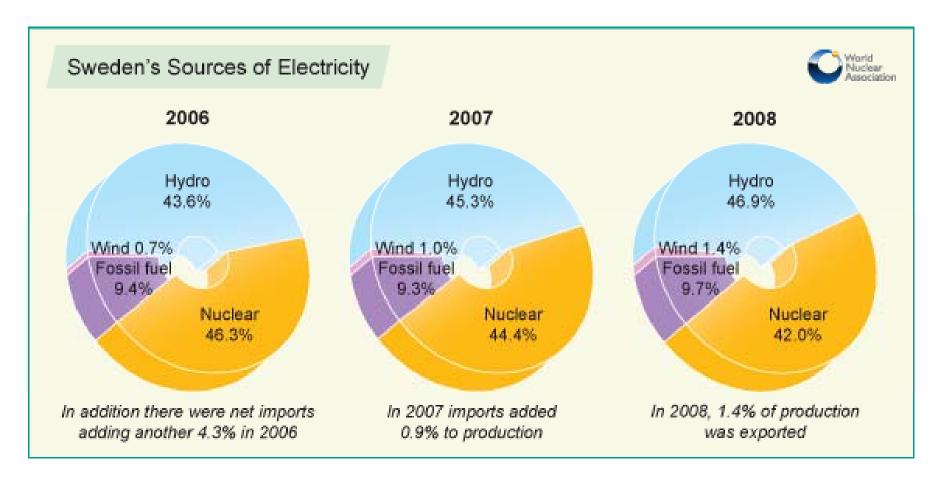
2002

■ Geothermal/solar/wind

For more detailed data, please consult our on-line data service at http://data.iea.org.

2005

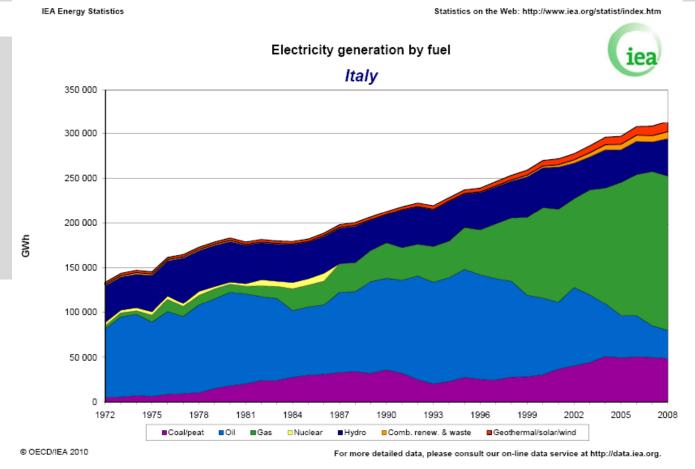
2008



Domestic production of electricity 2006-08

### Italy 1987

Austria was the first country to begin a phase-out (in 1978) and has been followed by Sweden (1980), Italy (1987), Belgium (1999), and Germany (2000)



### Belgium 1999

**Austria** was the first country to begin a phase-out (in <u>1978</u>) and has been followed by <u>Sweden</u> (1980),

Belgium (1999), and

Italy (1987),

**Germany** (2000)

IEA Energy Statistics

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Electricity generation by fuel **Belgium** 100 000 90 000 80 000 70 000 60 000 50 000 40 000 30 000 20 000 10 000 1972 1975 1993 2005 2008 ■Coal/peat ■ Oil ■Gas ■ Nuclear ■ Geothermal/solar/wind

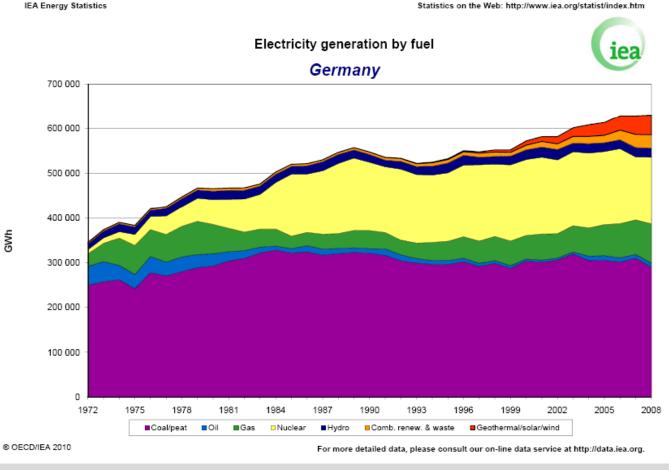
Comb. renew. & waste

For more detailed data, please consult our on-line data service at http://data.iea.org.

Statistics on the Web: http://www.iea.org/statist/index.htm

#### Germany - 2000

Austria was the first country to begin a phase-out (in 1978) and has been followed by Sweden (1980), Italy (1987), Belgium (1999), and Germany (2000)



As of June 2011, <u>Germany</u> and <u>Switzerland</u> are phasing-out nuclear power

# Spain

IEA Energy Statistics

Statistics on the Web: http://www.iea.org/statist/index.htm

Austria, and Spain have gone as far as to enact laws not to build new nuclear power stations.

Electricity generation by fuel Spain



350 000 300 000 250 000 200 000 150 000 100 000 50 000 1972 1975 1984 1990 1993 2002 2005 2008 1981 1987 1996 1999 ■Coal/peat ■ Oil Geothermal/solar/wind ■Gas □Nuclear ■ Hydro Comb. renew. & waste

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For more detailed data, please consult our on-line data service at http://data.iea.org.

#### Switzerland - 2011

As of June
2011, Germany
and Switzerland
are phasingout nuclear
power

