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National energy strategies of Germany and Turkey

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7

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Abstract

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1. Introduction and Background

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2. System Descriptions

3. Critical Analysis of Literature

3.1. General Energy Policy

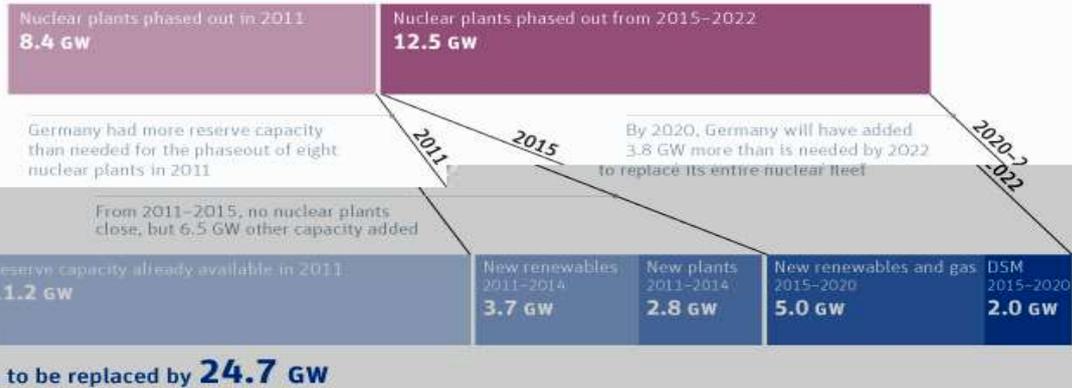
3.1.1. Germany

Germany can easily replace its nuclear capacity on the phaseout schedule

Replacing nuclear plants with reserves, new renewables, gas, and demand-side management (DSM)

Source: Institute of Applied Ecology, own calculations

20.9 GW of nuclear capacity



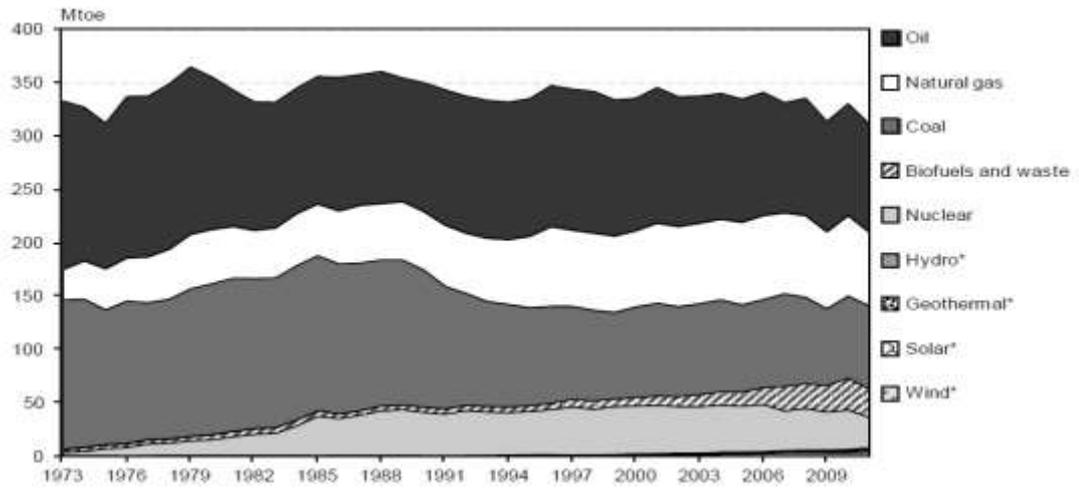
German Energy Transition

energytransition.de

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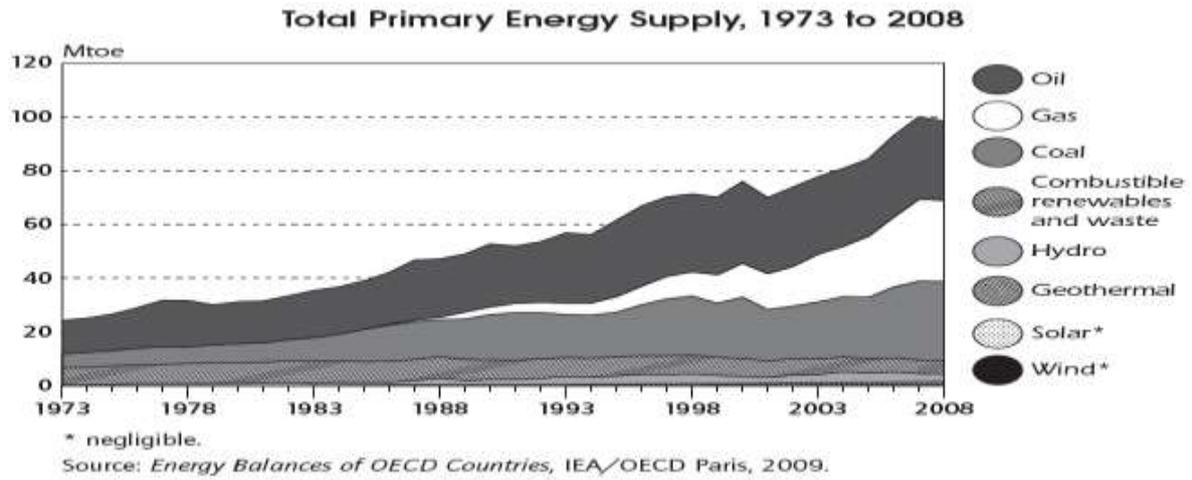
Source: energytransition.de

Total primary energy supply, 1973-2011



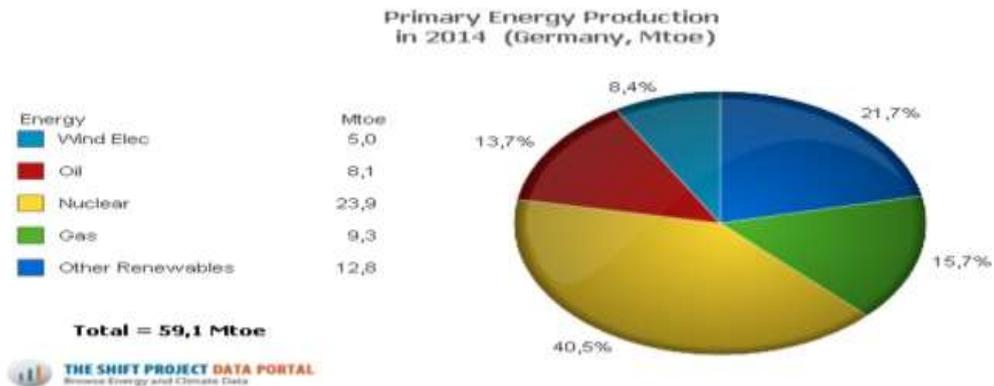
Source: International Energy Agency

3.1.2. Turkey

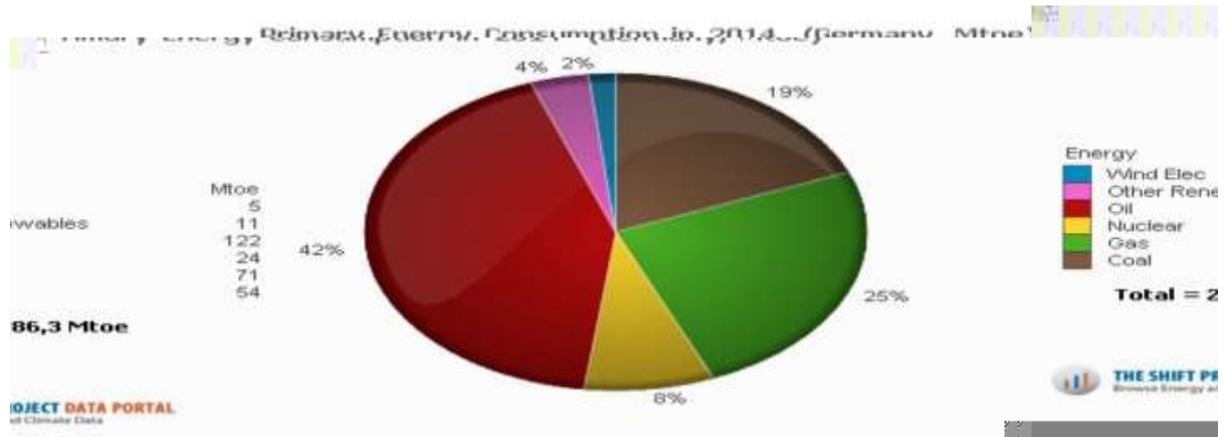


3.2. Energy Production and Consumption

3.2.1. Germany

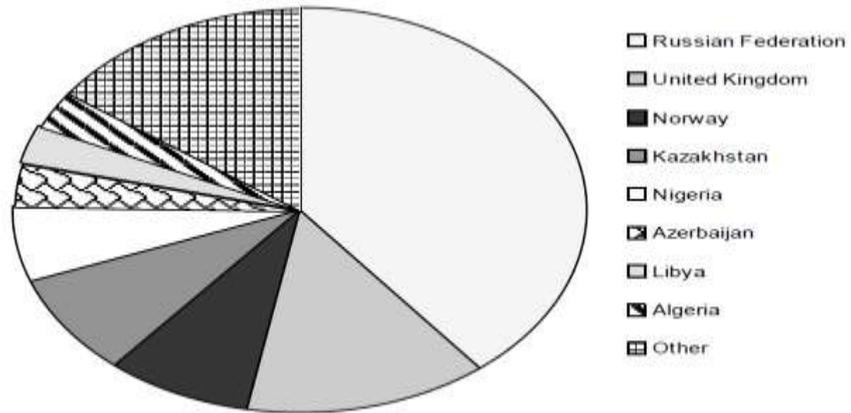


Source: The Shift Project Data Portal



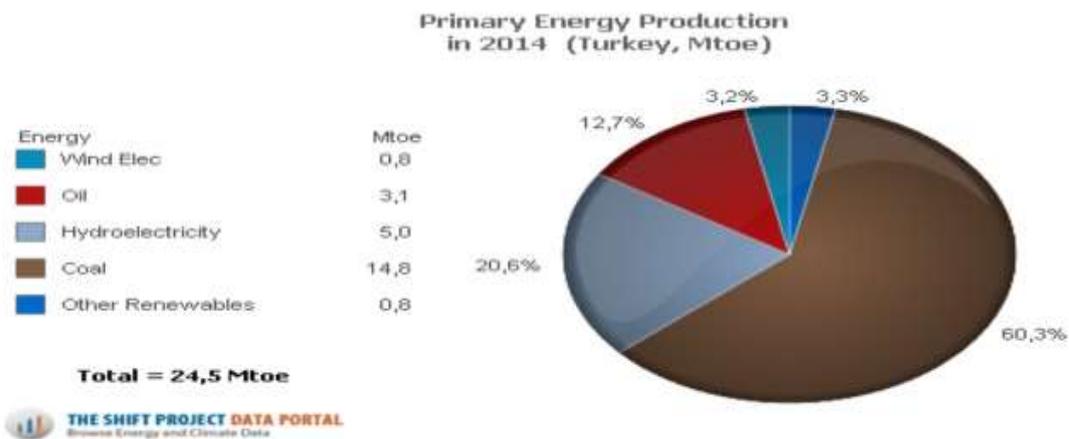
Source: The Shift Project Data Portal

Figure 18. Crude oil imports by country of origin, 2011

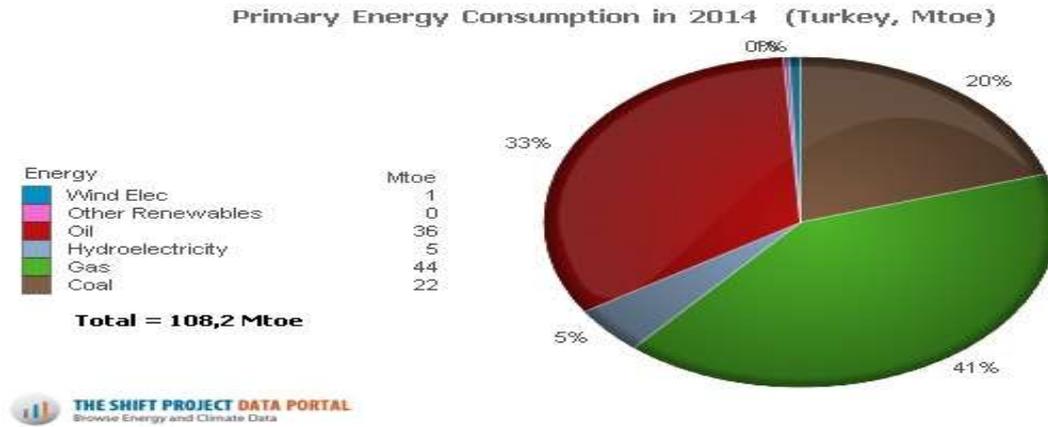


Source: Oil, Gas, Coal and Electricity Quarterly Statistics, Second Quarter 2012, IEA/OECD 2012.

3.2.2. Turkey

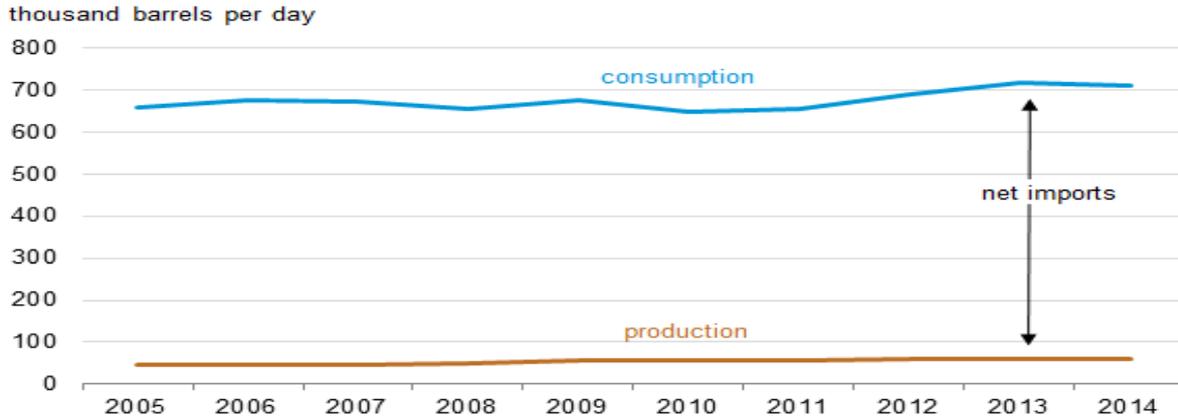


Source: The Shift Project Data Portal

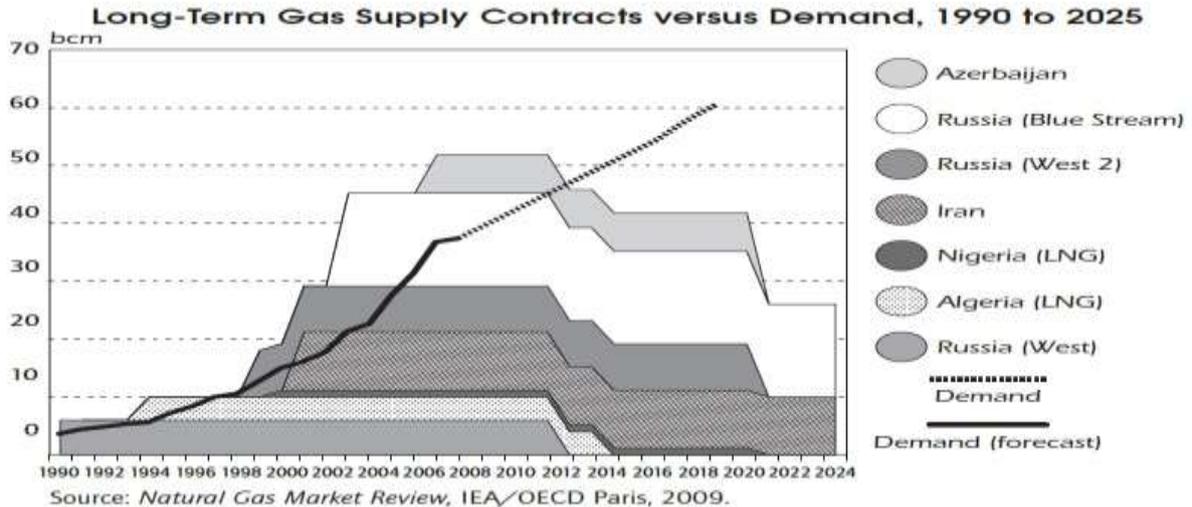


Source: The Shift Project Data Portal

Figure 2. Turkey petroleum and other liquids consumption and production



Note: 2014 consumption is a preliminary estimate.
Source: U.S. Energy Information Administration



4. Conclusion

References

From past to present relations between Germany and Turkey.

World's largest economies.

*Dissent, 60
The world factbook*

*Country factsheet
Germany.*