



Political developments for GeoEnergy in Switzerland


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- ▶ Actual situation
 - ▶ Political intentions
 - ▶ Measures discussed
 - ▶ Political risks
- 

Energy consumption Switzerland 2014

- Erdölbrennstoffe – Combustibles pétroliers
- Treibstoffe – Carburants
- Elektrizität – Electricité
- Gas – Gaz
- Rest – Reste

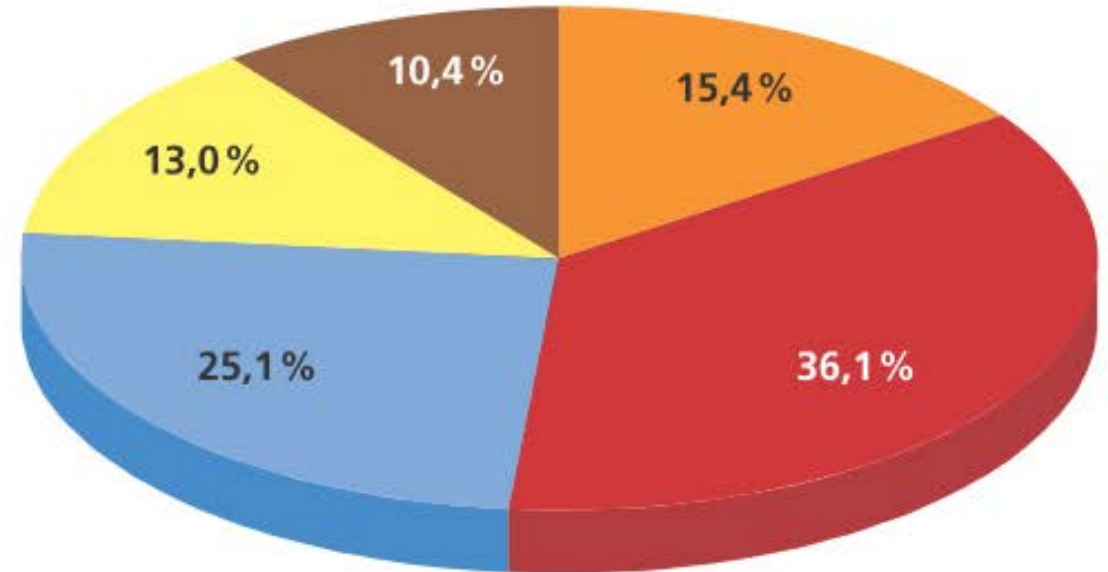
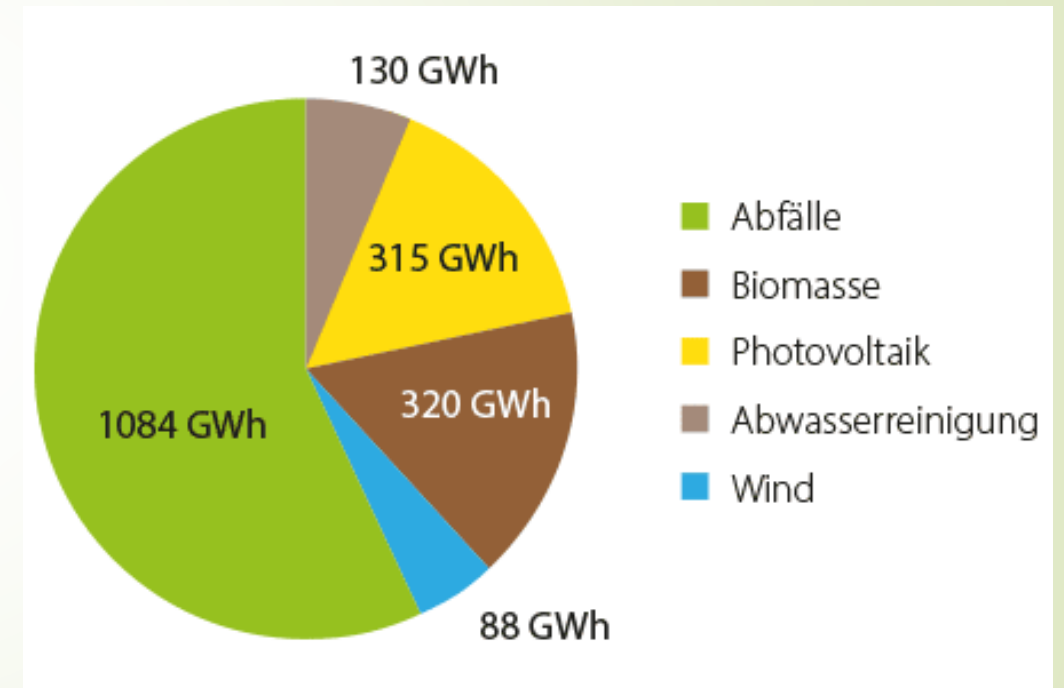
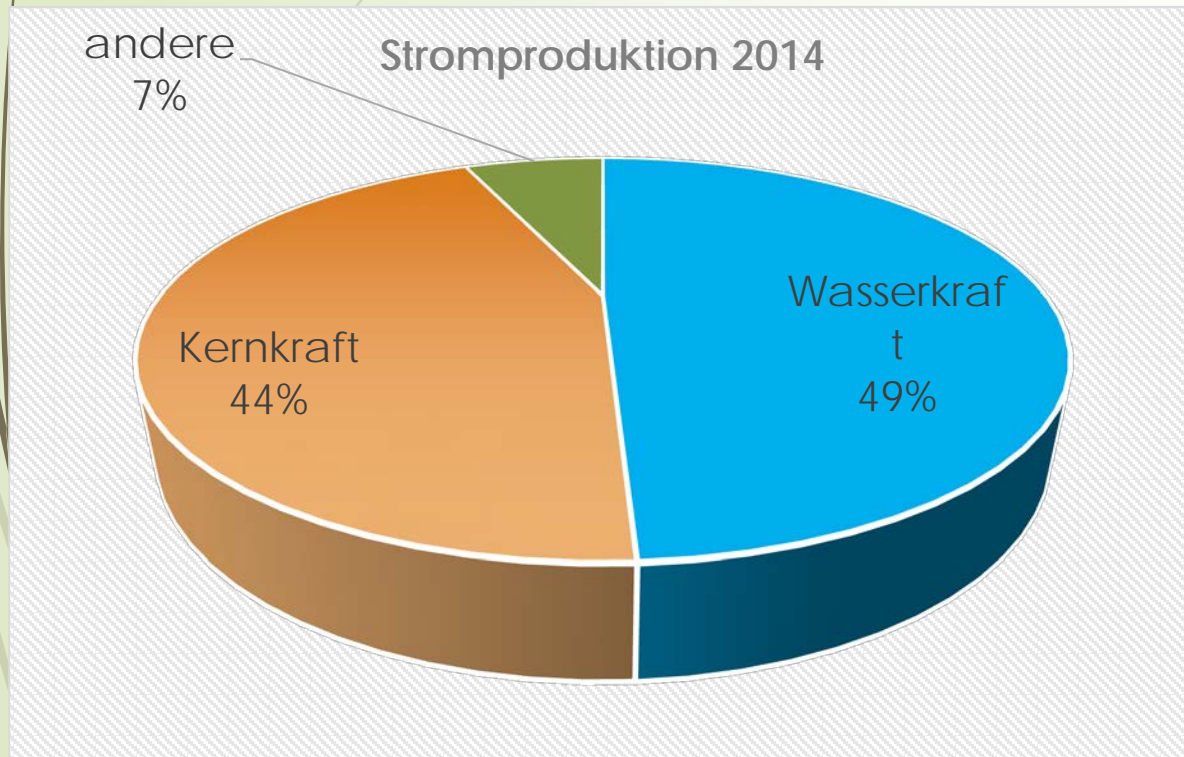


Fig. 2 *Aufteilung des Endverbrauchs nach Energieträgern (2014)*
Répartition de la consommation finale selon les agents énergétiques (2014)

Electricity production 2014





Energy in Switzerland today

The Swiss energy consumption is highly imposed by

- foreign production (ca. 77%)
- fossil sources (ca. 65%)

...and therefore unacceptable in terms of national economy and climate protection.

⇒ **Decision of the government (Bundesrat) after Fukushima, to establish a new energy policy.**

Global subsidies per year:

➔ Fossil energy:
5.300 Billion \$

➔ Renewable energy:
120 Billion \$

The screenshot shows the top navigation bar of The Guardian website with links for 'free', 'become a member', 'sign in', 'subscribe', and 'search'. Below this is a secondary navigation bar with categories like 'UK', 'world', 'politics', 'sport', 'football', 'opinion', 'culture', 'business', 'lifestyle', 'fashion', 'environment', 'tech', and 'travel'. The main article is titled 'Fossil fuels subsidised by \$10m a minute, says IMF' by Damian Carrington, dated Monday 18 May 2015. The article features a large image of an oil pumpjack at sunset and a video player. The text discusses a 'shocking' revelation by the IMF that global fossil fuel subsidies in 2015 reached \$5.3 trillion, equivalent to \$10 million every minute. It notes that these subsidies are significantly higher than the total health spending of all world governments. A quote from Nicholas Stern of the London School of Economics is included at the bottom of the article. On the right side, there is a 'Most popular in US' section with four featured stories: 'Beheaded Syrian scholar refused to lead Isis to hidden Palmyra antiquities', 'Vaping, e-cigarettes safer than smoking, says Public Health England', 'First almost fully-formed human brain grown in lab, researchers claim', and 'Ashley Madison condemns attack as experts say hacked database is real'. A small image of Donald Trump is also visible in the 'Most popular' section.

the guardian

home > environment > energy pollution climate change wildlife

Fossil fuels

Keep it in the ground

Fossil fuels subsidised by \$10m a minute, says IMF

'Shocking' revelation finds \$5.3tn subsidy estimate for 2015 is greater than the total health spending of all the world's governments

Damian Carrington
@dcarrington

Monday 18 May 2015 14:30 BST

108,435 Shares 1,027 Comments

Save for later



Why we need to keep fossil fuels in the ground

Fossil fuel companies are benefitting from global subsidies of \$5.3tn (£3.4tn) a year, equivalent to \$10m a minute every day, according to a startling [new estimate by the International Monetary Fund](#).

The IMF calls the revelation "shocking" and says the figure is an "extremely robust" estimate of the true cost of fossil fuels. The \$5.3tn subsidy estimated for 2015 is greater than the total health spending of all the world's governments.

The vast sum is largely due to polluters not paying the costs imposed on governments by the burning of coal, oil and gas. These include the harm caused to local populations by air pollution as well as to people across the globe affected by the floods, droughts and storms being driven by climate change.



Nicholas Stern, an eminent climate economist at the London School of Economics, said: "This very important analysis shatters the myth that fossil fuels are cheap by showing just how huge their real costs are. There is no justification for these enormous subsidies for fossil fuels, which distort markets and damages economies, particularly in poorer countries."

Most popular in US

- Beheaded Syrian scholar refused to lead Isis to hidden Palmyra antiquities
- Vaping, e-cigarettes safer than smoking, says Public Health England
- First almost fully-formed human brain grown in lab, researchers claim
- Ashley Madison condemns attack as experts say hacked database is real
- Donald Trump has transformed GOP politics - no matter what happens



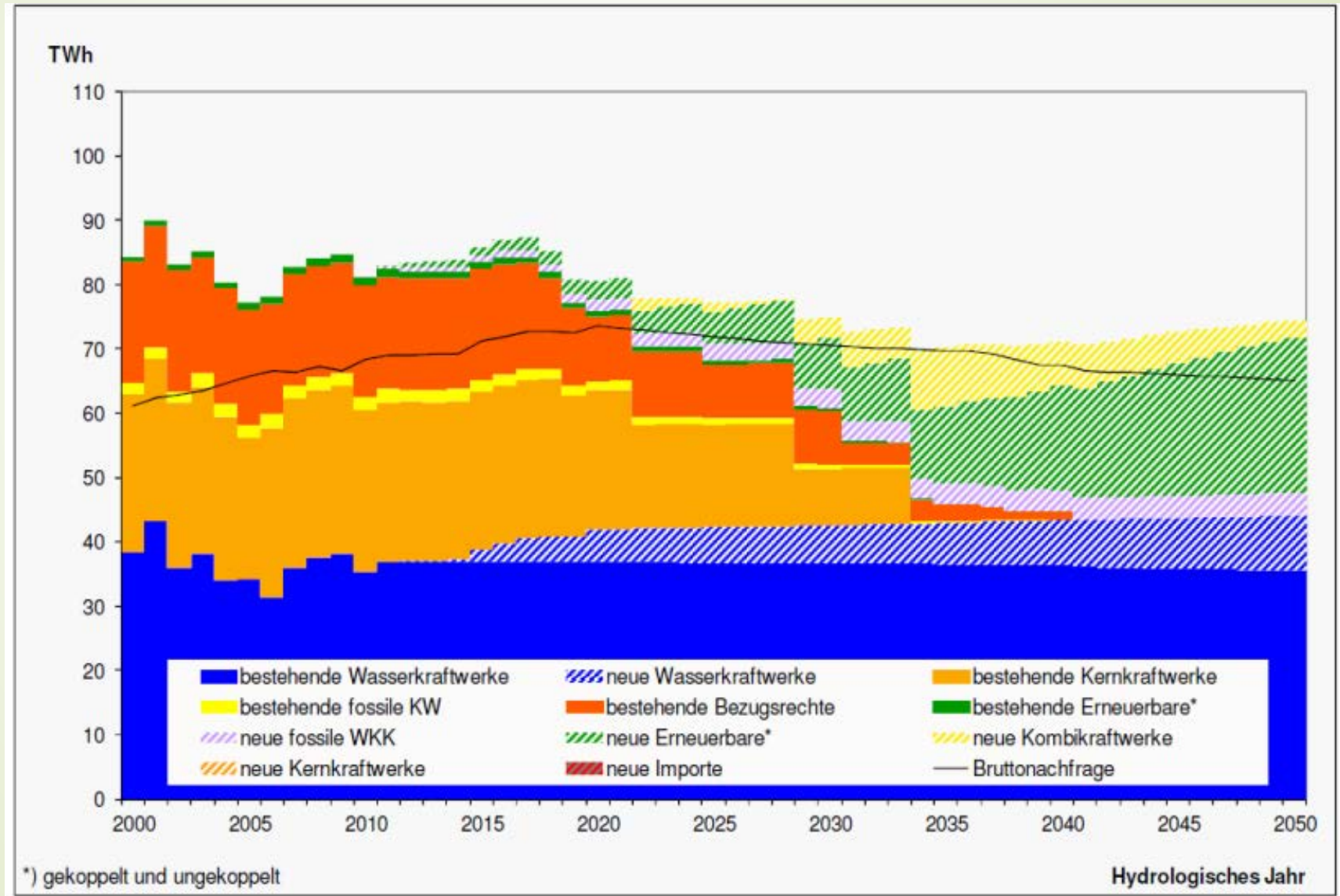
Political intentions

New energy policy 2050:

- Climate friendly
- Preferably local
- safe
- affordable

Definition of goals and measures to reach the «Energy perspectives 2050»

Wo müssen wir hin? – Energieversorgung morgen



New energy policy 2050

Stossrichtung und Ziele

- Consumption goals: -16% till 2020, -43% till 2035
Electricity: -3% till 2020, -13% till 2035
Renewable: 4'400 GWh/a 2020, 14'500 GWh/a 2035
Hydro Energy: 37'400 GWh/a 2035

New energy policy 2050

Measures

- Promotion of renewable energy
- Investment assistance (also for big hydro-electric power plants)
- Stronger rules for devices and building technology
- Subsidies for isolation of buildings and for building technology
- Tax incentives for such measures

- No licence for new nuclear power plants

New energy policy 2050

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New energy policy 2050

Measures

- GeoEnergy security
- In case of a total failure, up to 60% of the investment can be refund by the state.
- National council: 102:83
- Council of States: Debate starts next week

Art. 35 Geothermie-Garantien

¹ Zur Risikoabsicherung von Investitionen im Rahmen der Vorbereitung und Errichtung von Geothermie-Anlagen zur Produktion von Elektrizität können Garantien geleistet werden. Deren Höhe beträgt höchstens 60 Prozent der anrechenbaren Investitionskosten.

² Der Bundesrat regelt die Einzelheiten, insbesondere die anrechenbaren Investitionskosten, die durch die Garantien gedeckt werden können, und das Verfahren.

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Der Bundesrat regelt die Einzelheiten'

Curia Vista - Geschäftsdatenbank



13.4158 – Postulat

Potenzial des Untergrundes. Konflikt- und Aufgabenmanagement

Eingereicht von



Bourgeois Jacques

Einreichungsdatum

11.12.2013

Eingereicht im

Nationalrat

Stand der Beratungen

Im Rat noch nicht behandelt

Curia Vista - Geschäftsdatenbank

11.4027 – Motion

Aktionsplan für die Geothermie

Eingereicht von



Riklin Kathy

Einreichungsdatum

30.09.2011

Eingereicht im

Nationalrat

Stand der Beratungen

Angenommen

Curia Vista - Geschäftsdatenbank



12.3247 – Interpellation

Weiteres Vorgehen im Bereich der Geothermie

Eingereicht von



Killer Hans



Einreichungsdatum

15.03.2012

Eingereicht im

Nationalrat

Stand der Beratungen

Erledigt



Political risks

- GeoEnergy is politically well supported
- But the new energy policy is highly vulnerable
 - National council:
 - SVP + FDP (against the strategy): 86 seats
 - Next elections (18. October) will be crucial
- No alternative from these parties for the future energy supply



There is no alternative

Thanks for your attention!

