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SOCIÉTÉ ANONYME SUISSE POUR LE GAZ NATUREL
SWISS COMPANY FOR NATURAL GAS LIMITED

SWISSGAS

Schweizerische Aktiengesellschaft für Erdgas

Grütlistrasse 44, 8002 Zürich

A short introduction

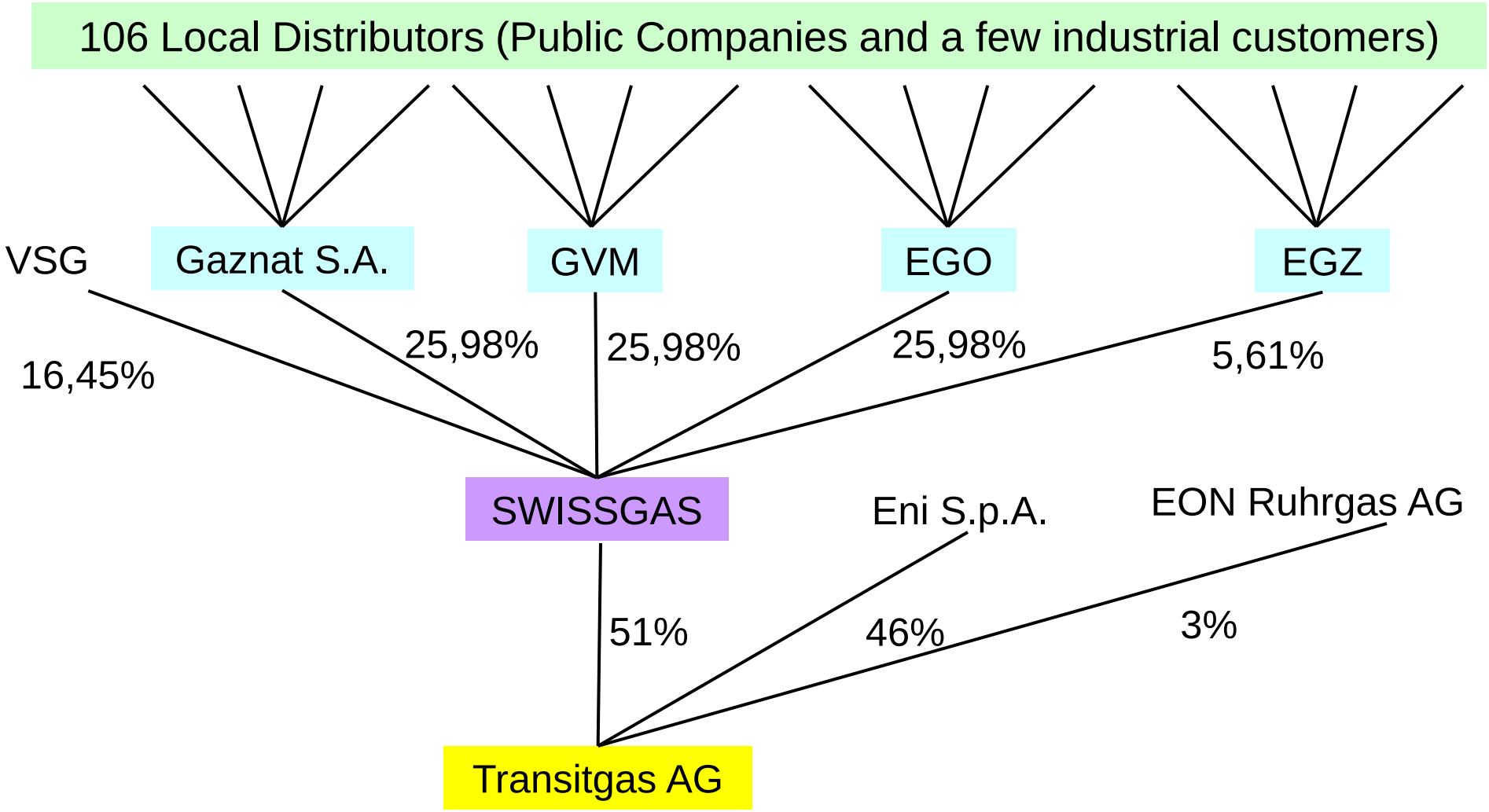
erdgas
Die freundliche Energie.

Swissgas at a glance

Objective of the company - procurement and supply of natural gas to cover the needs of Switzerland - in collaboration with the regional companies

Date of foundation	7th of April, 1971
Total assets per 31.12.2010:	400 Mio. CHF
Sales of natural gas in 2010:	955 Mio. CHF
Number of employees:	30
Imported natural gas	28 TWh
Total length of transmission lines:	260 km
Number of exit points along the Swiss section of the Holland-Italy transmission line:	6

‚System Erdgas Schweiz‘



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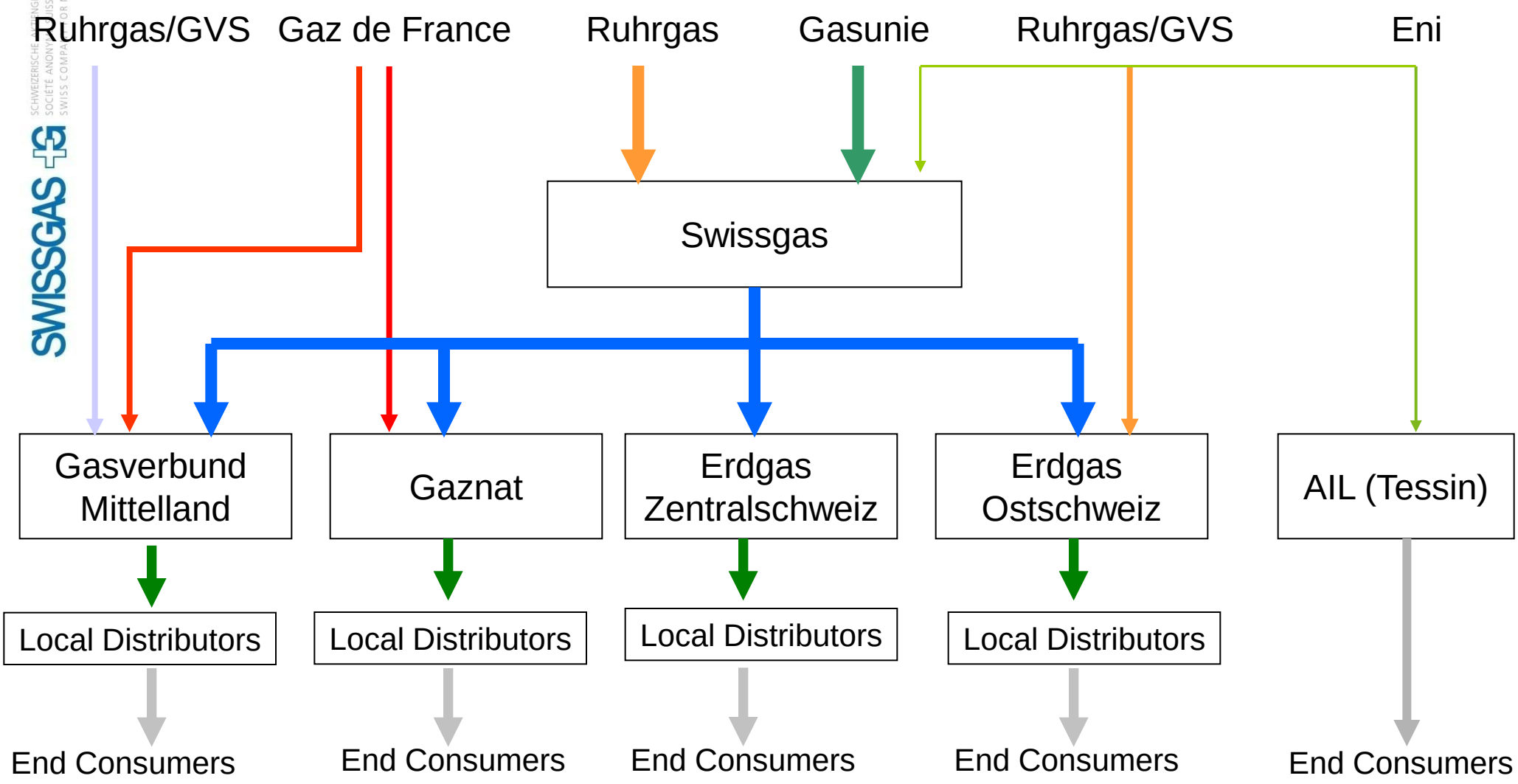
Supply and Distribution of Natural Gas in Switzerland



Some Industrial Consumers are supplied directly by Regional Companies

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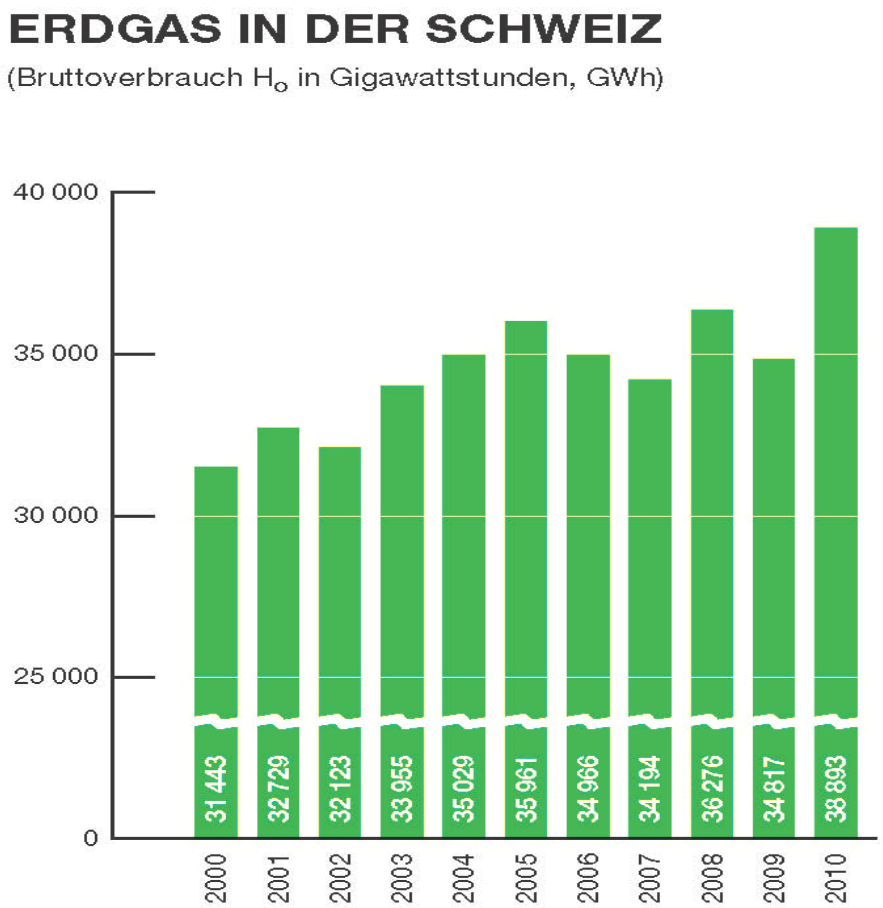
Gas consumption 2000 - 2010



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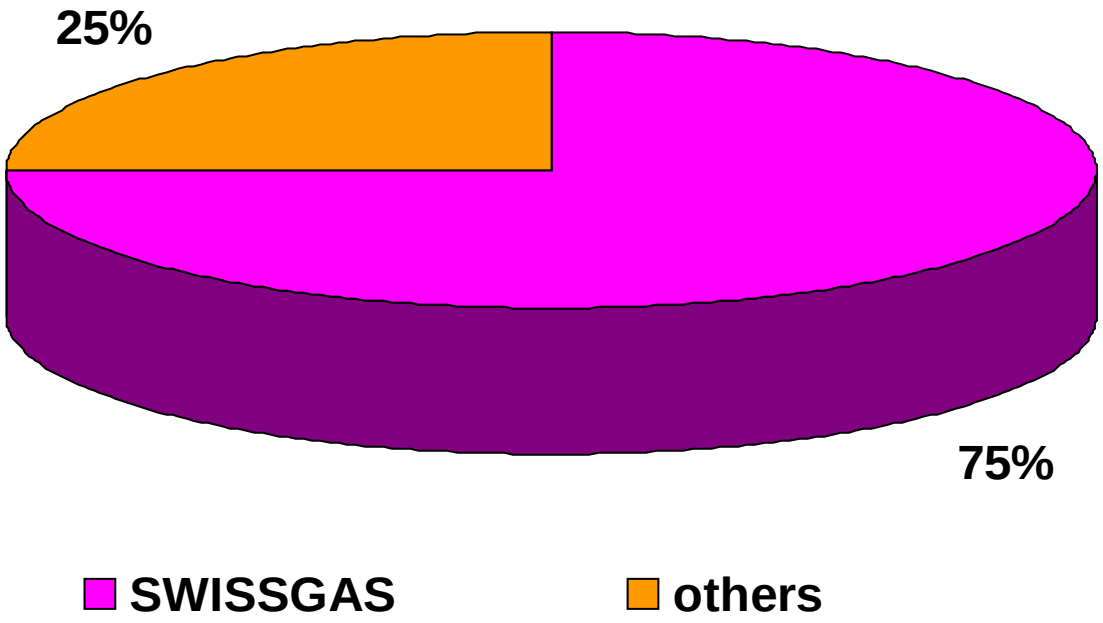
Swissgas proportion of import, in %



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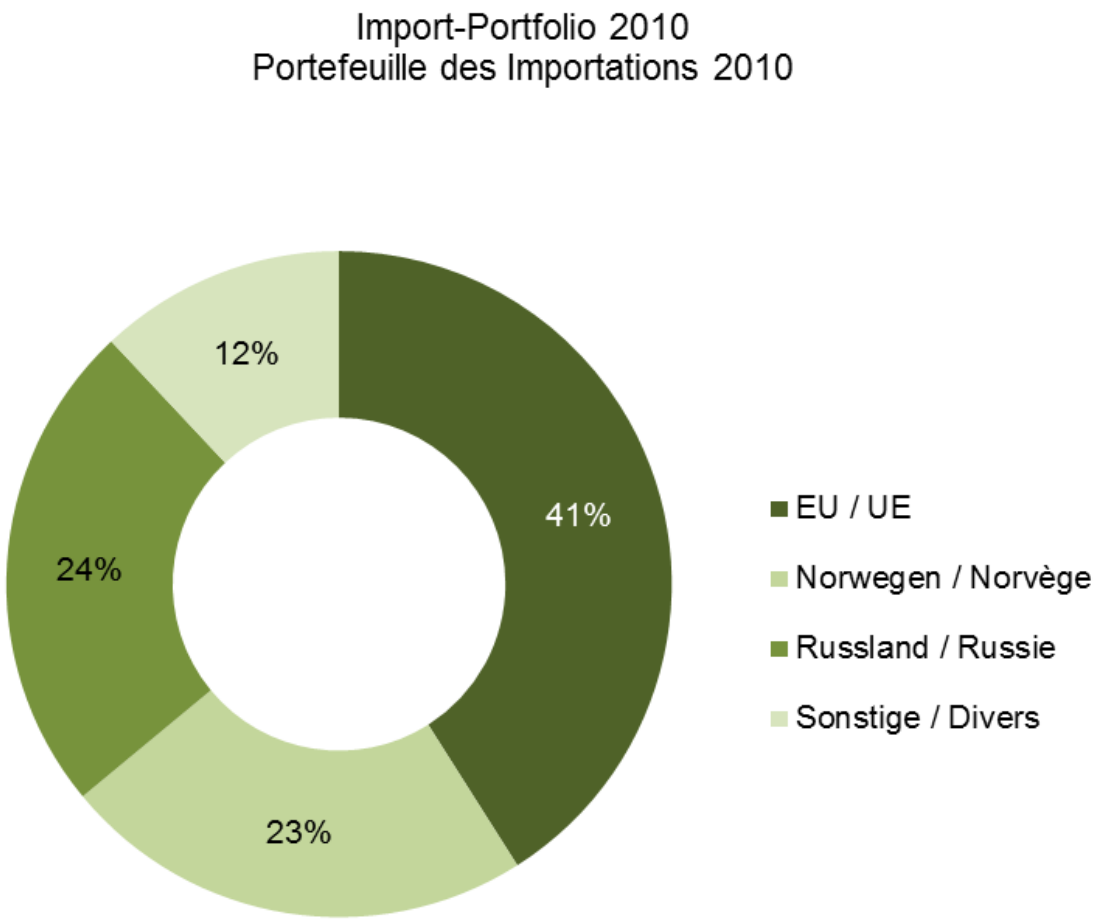
Divertised import folio



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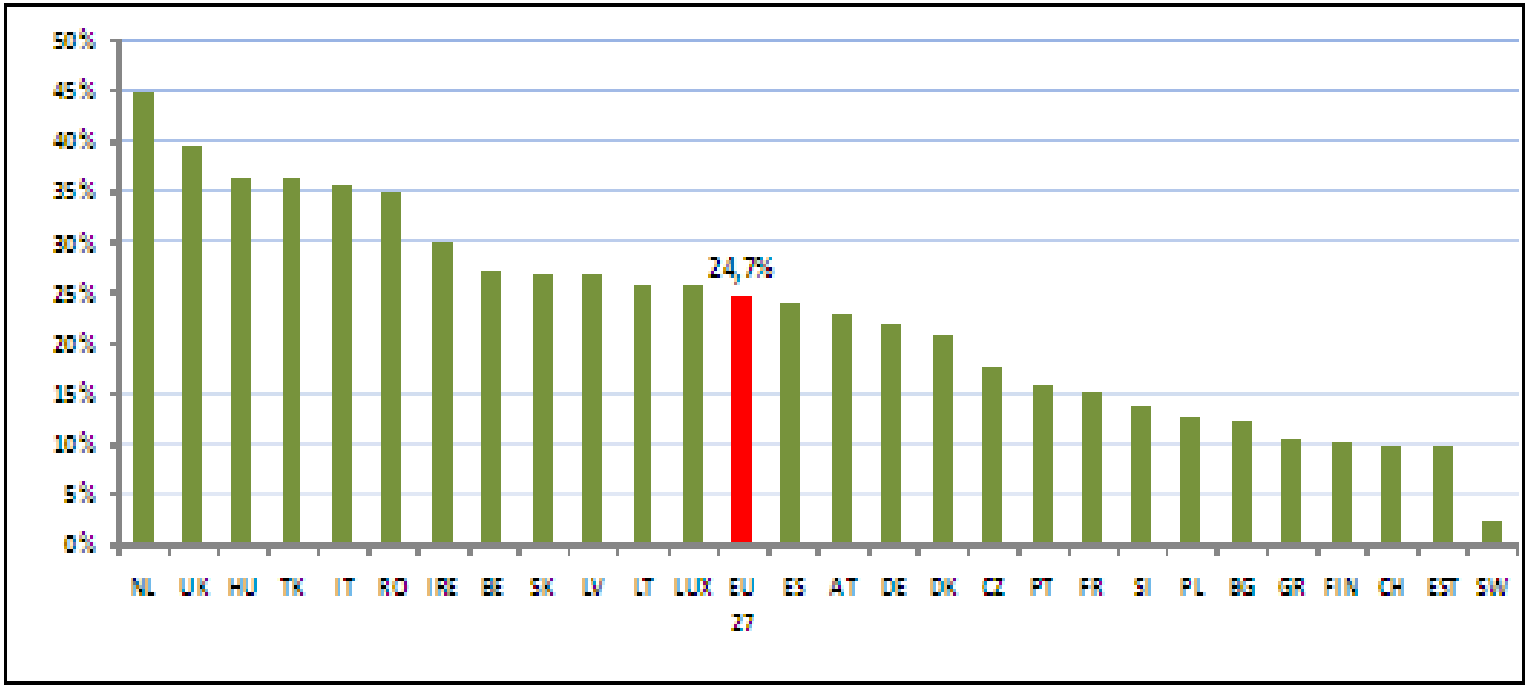
Proportion of Natural Gas in different European Countries (2009)



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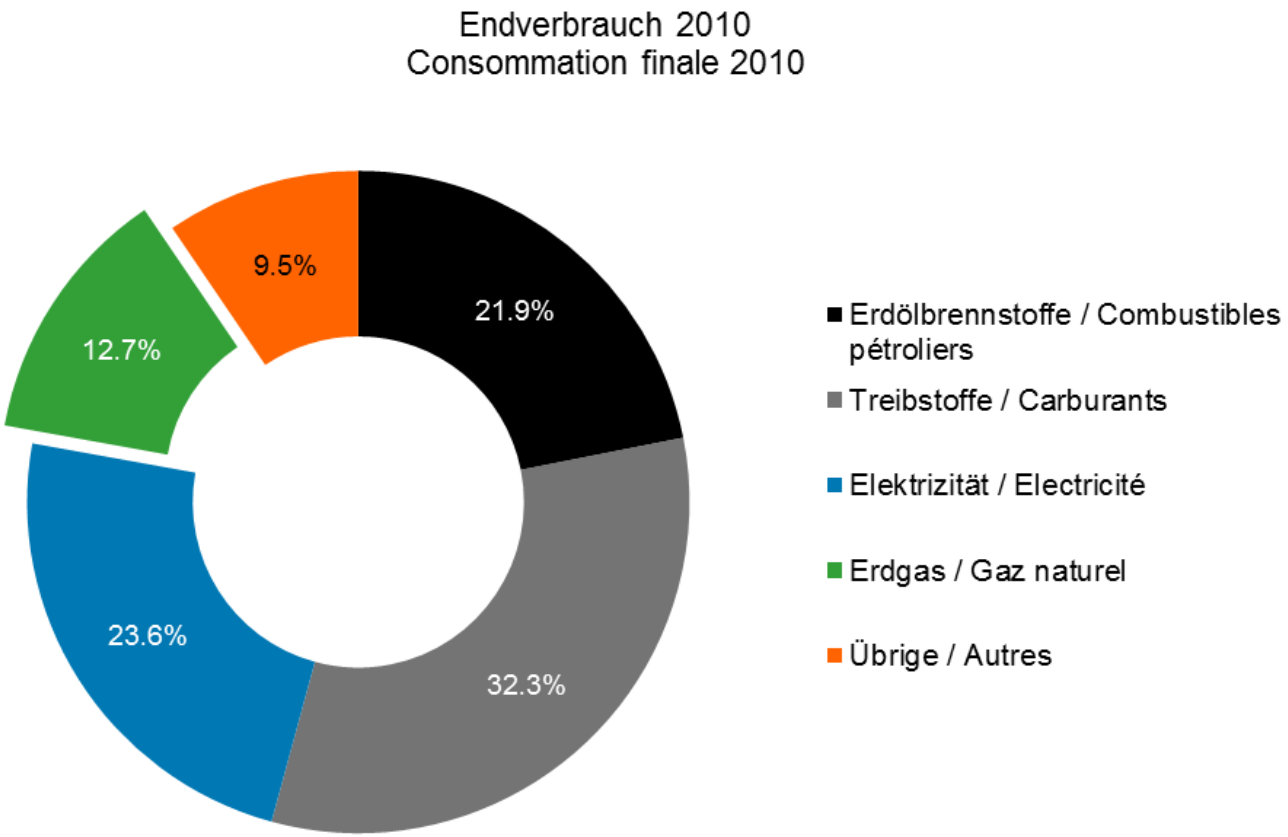
Final energy use in Switzerland (2010)
Shares of energy sources



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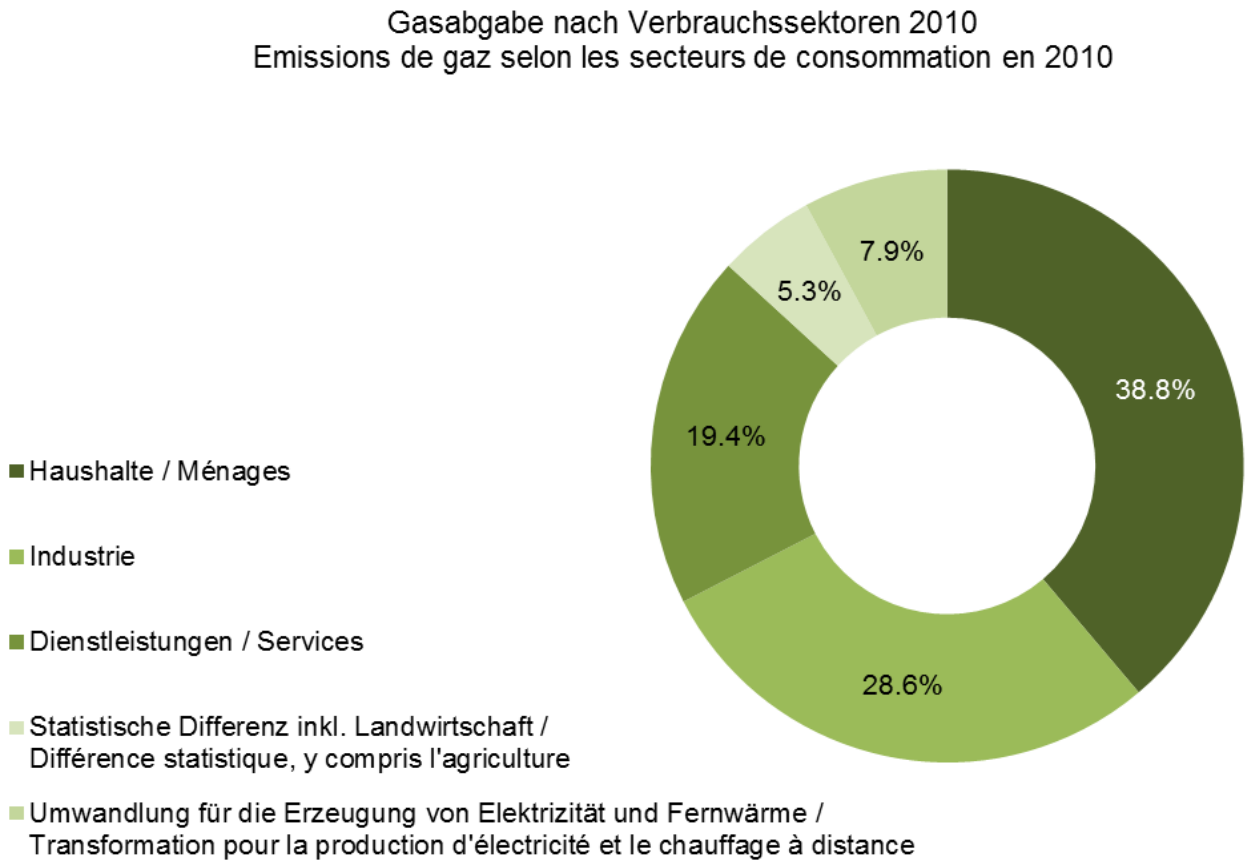
Gas consumption to consumption sector



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European high pressure grid

Quelle: Ruhrgas

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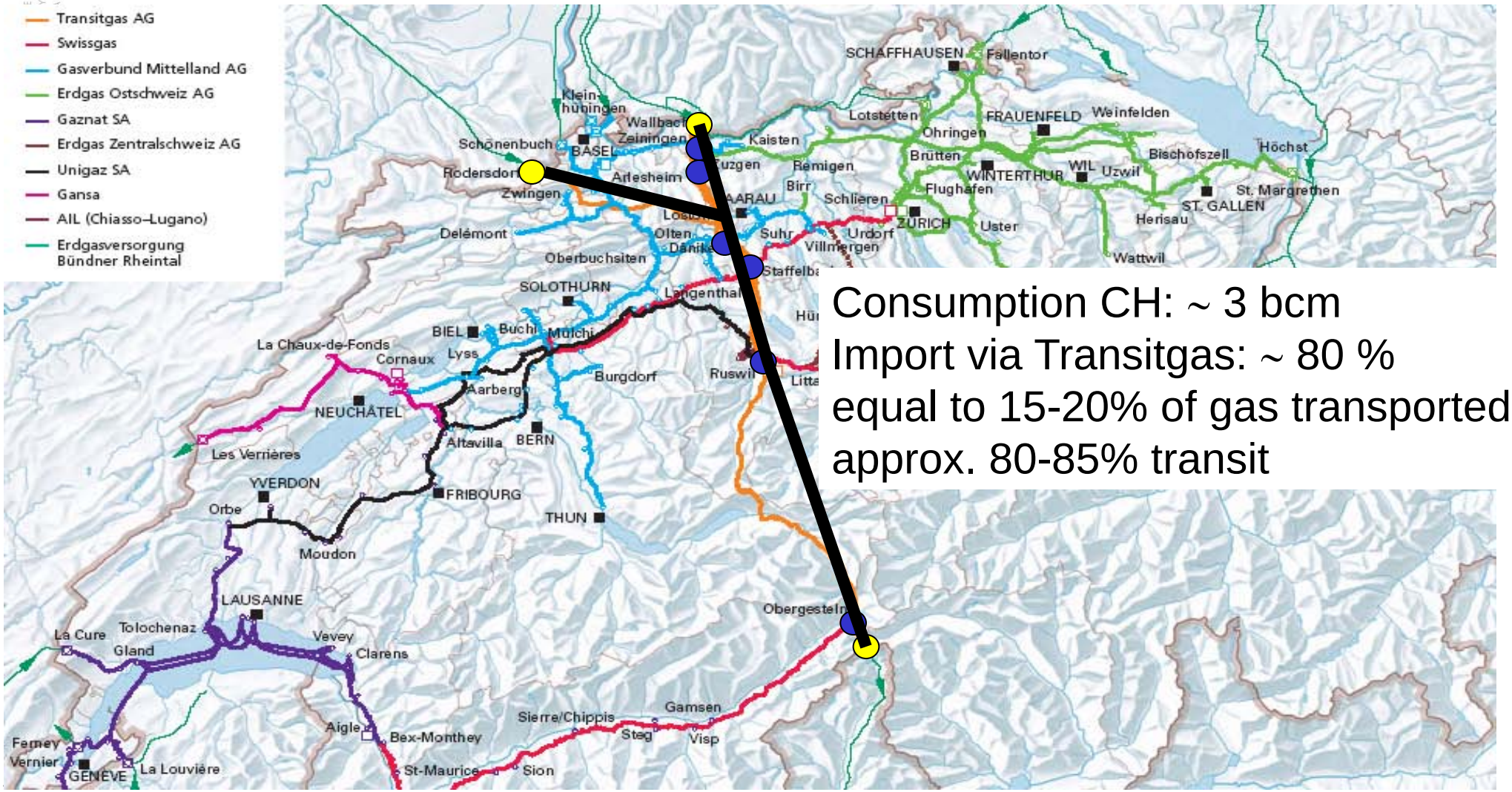
Transitgas - Transit



Consumption CH: ~ 3 bcm
Import via Transitgas: ~ 80 %
equal to 15-20% of gas transported
approx. 80-85% transit

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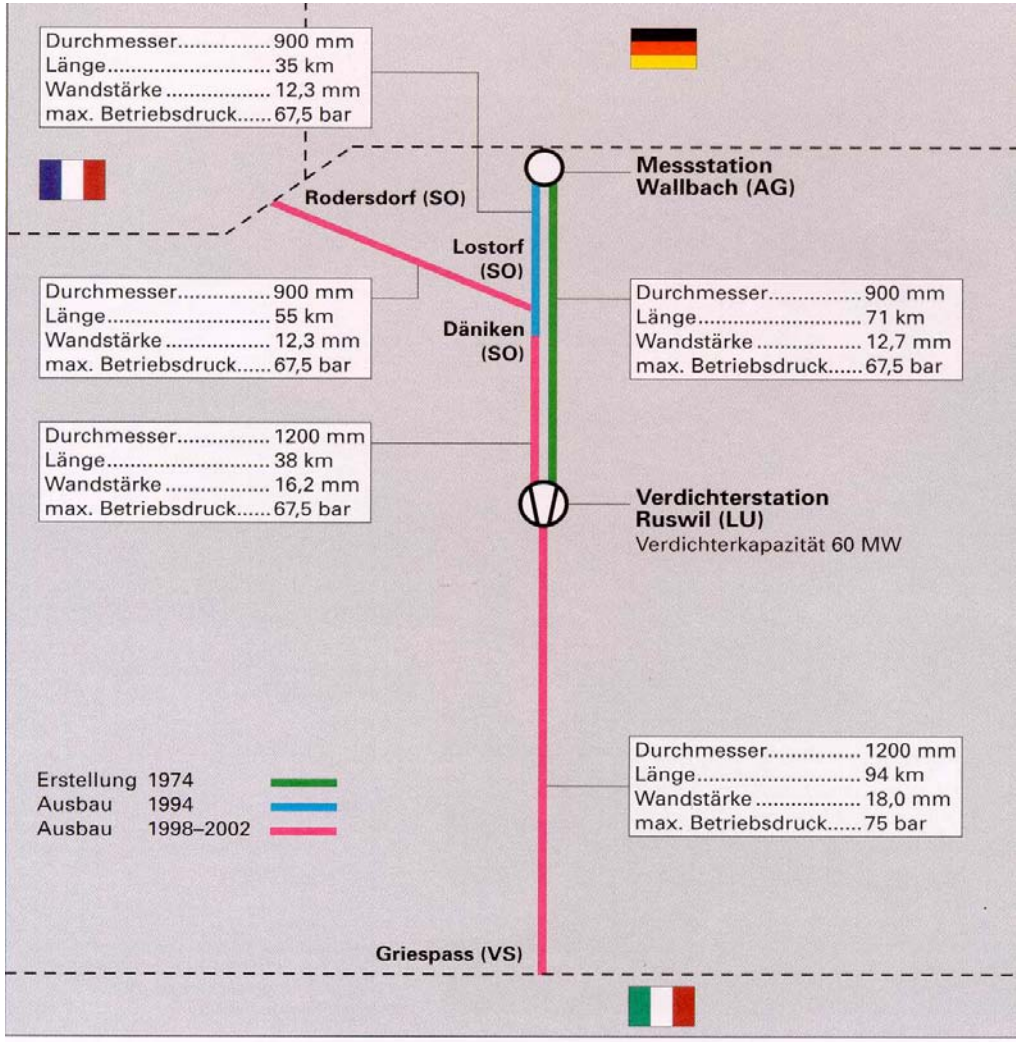
Transitgas System



Transitgas-Transportsystem: schematische Karte und technische

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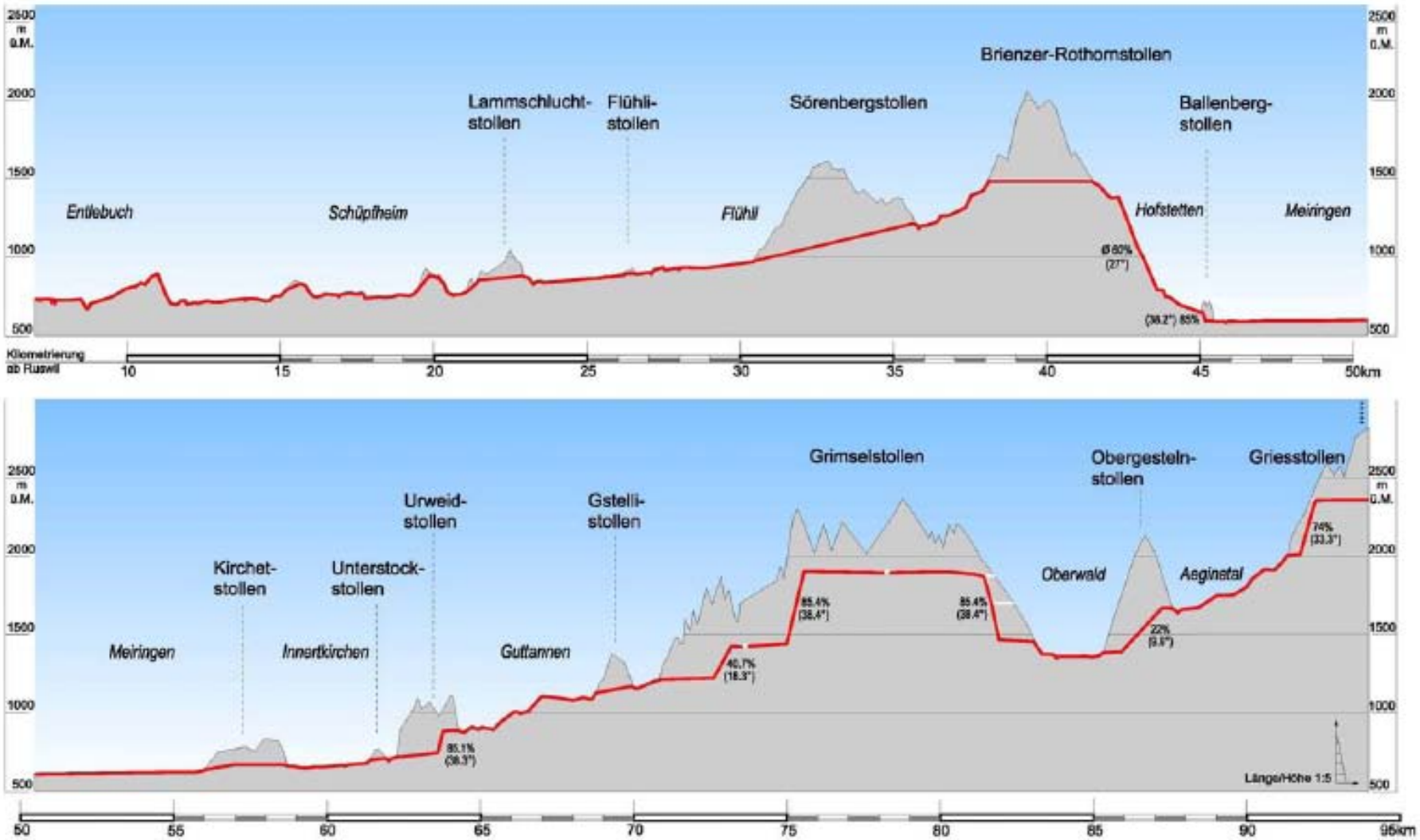
Transitgas - Tunnels



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Transitgas – Compressor Station

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Construction regulation - ground protection

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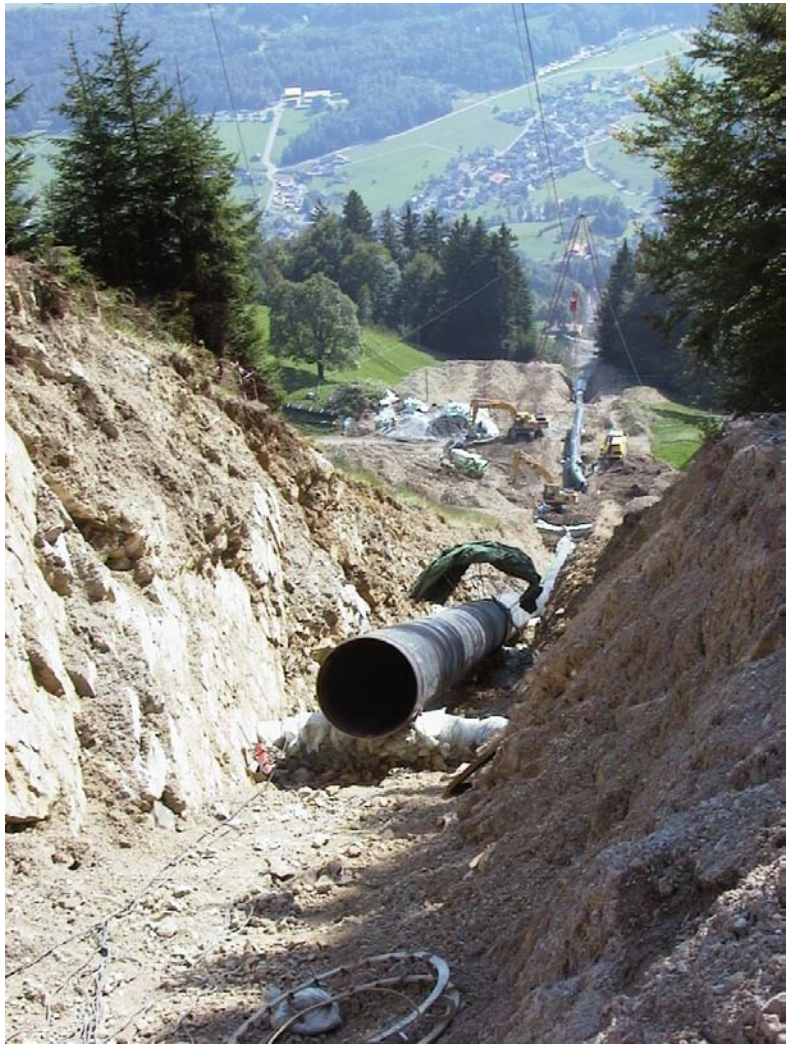
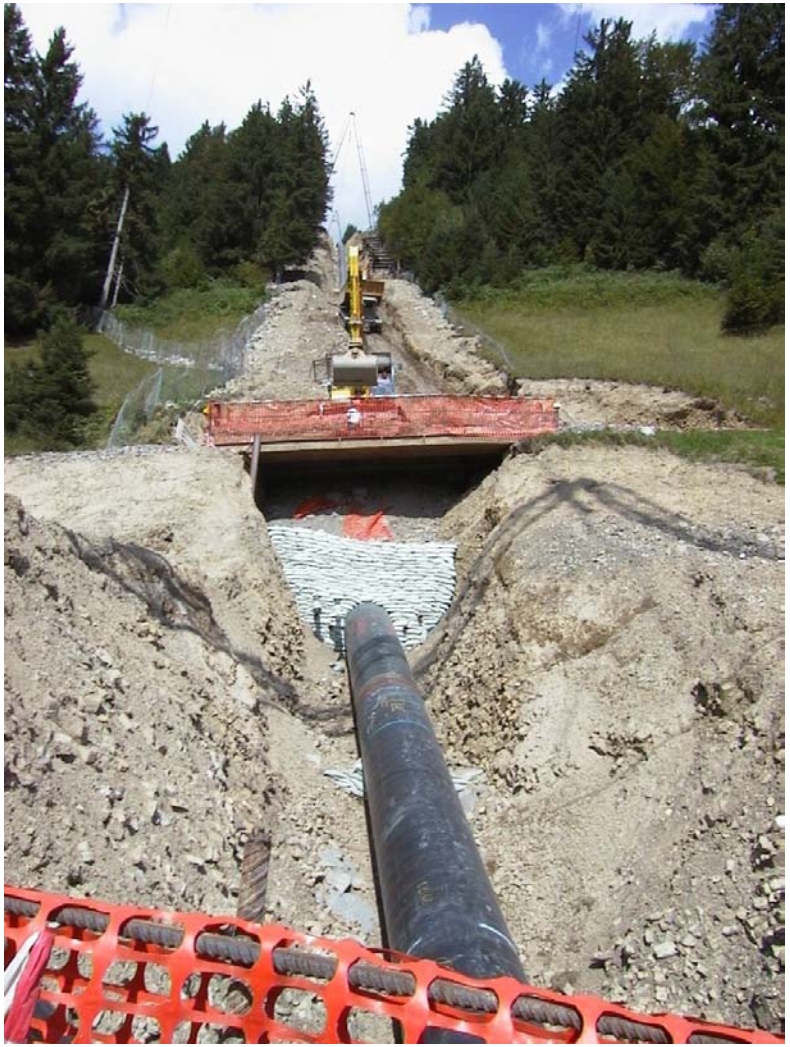
Pipeline construction in the Alps





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Transitgas pipeline tunnel

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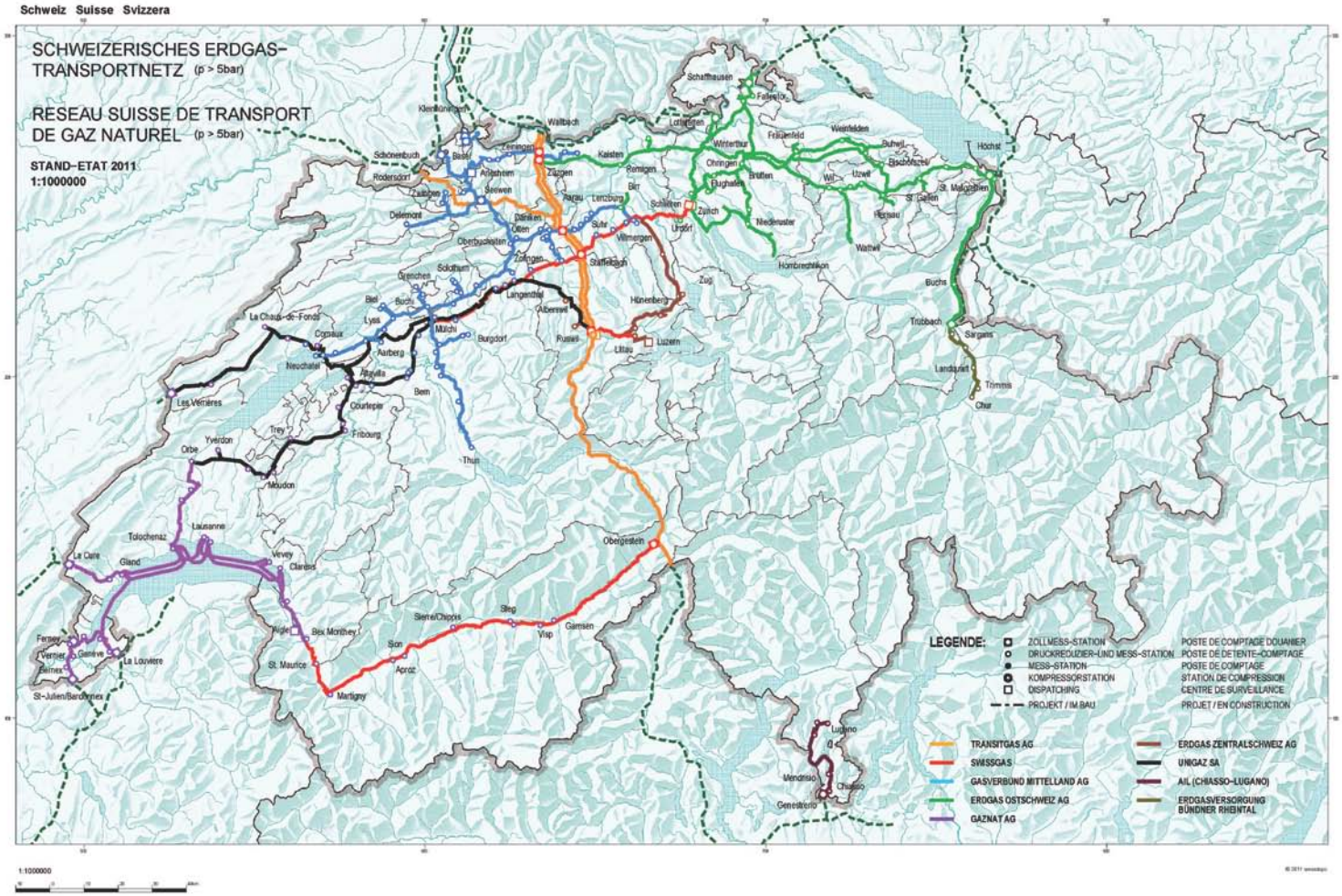
Swiss high pressure grid



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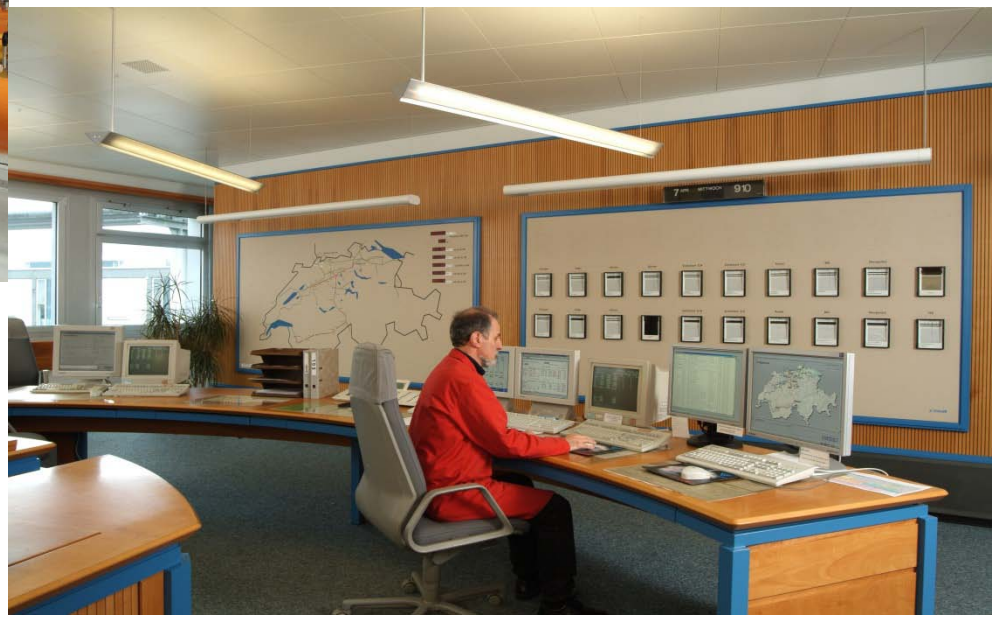
Gas flow control, Customs metering station / Control centre

Control centre Swissgas in Schlieren

Work place for station monitoring and remote control



Customs metering station Staffelbach:

Meter runs equipped with turbine meters

(6 meter runs each with a capacity of 90‘000 Nm3/h / 1000 MW)

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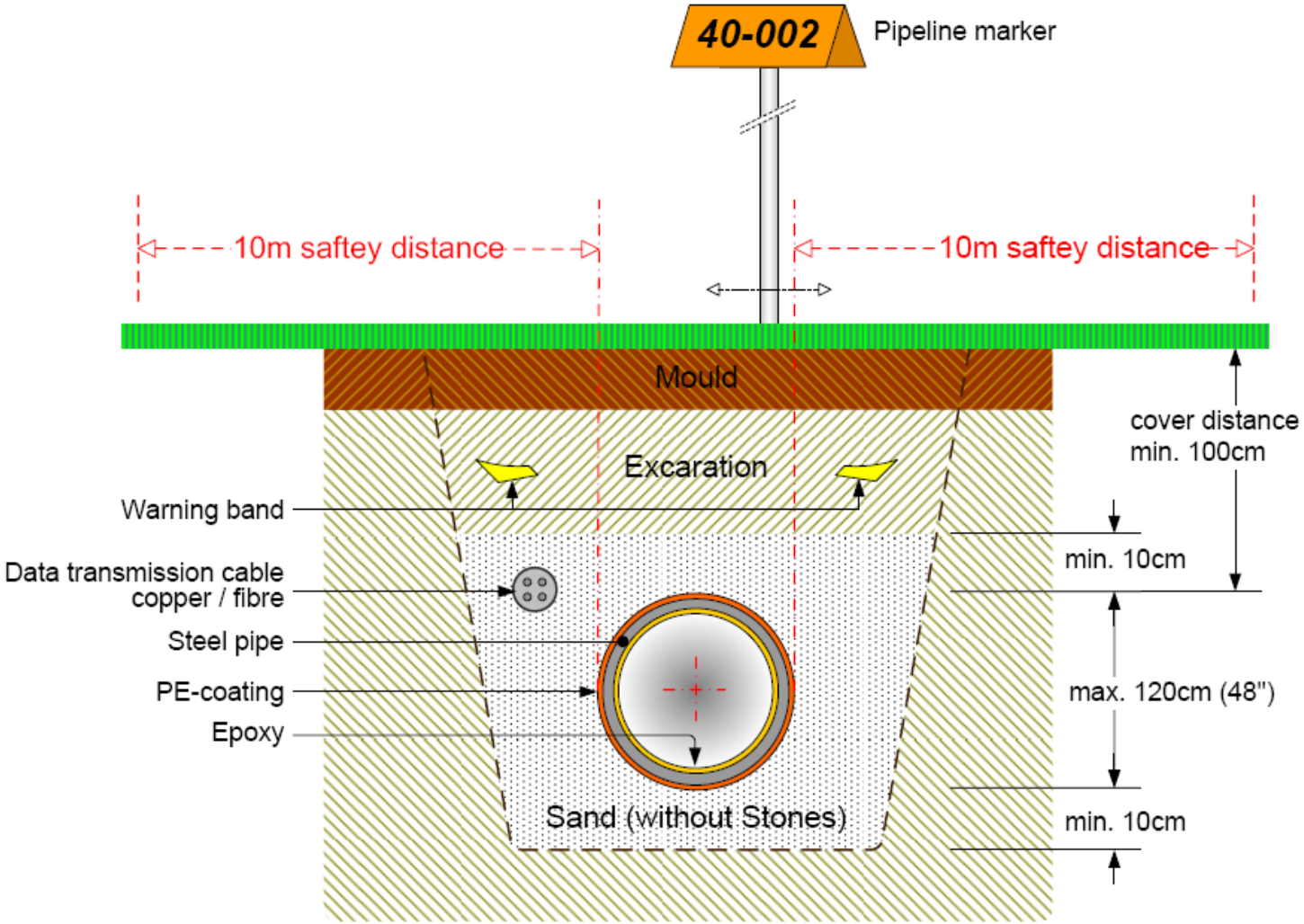
Construction regulations



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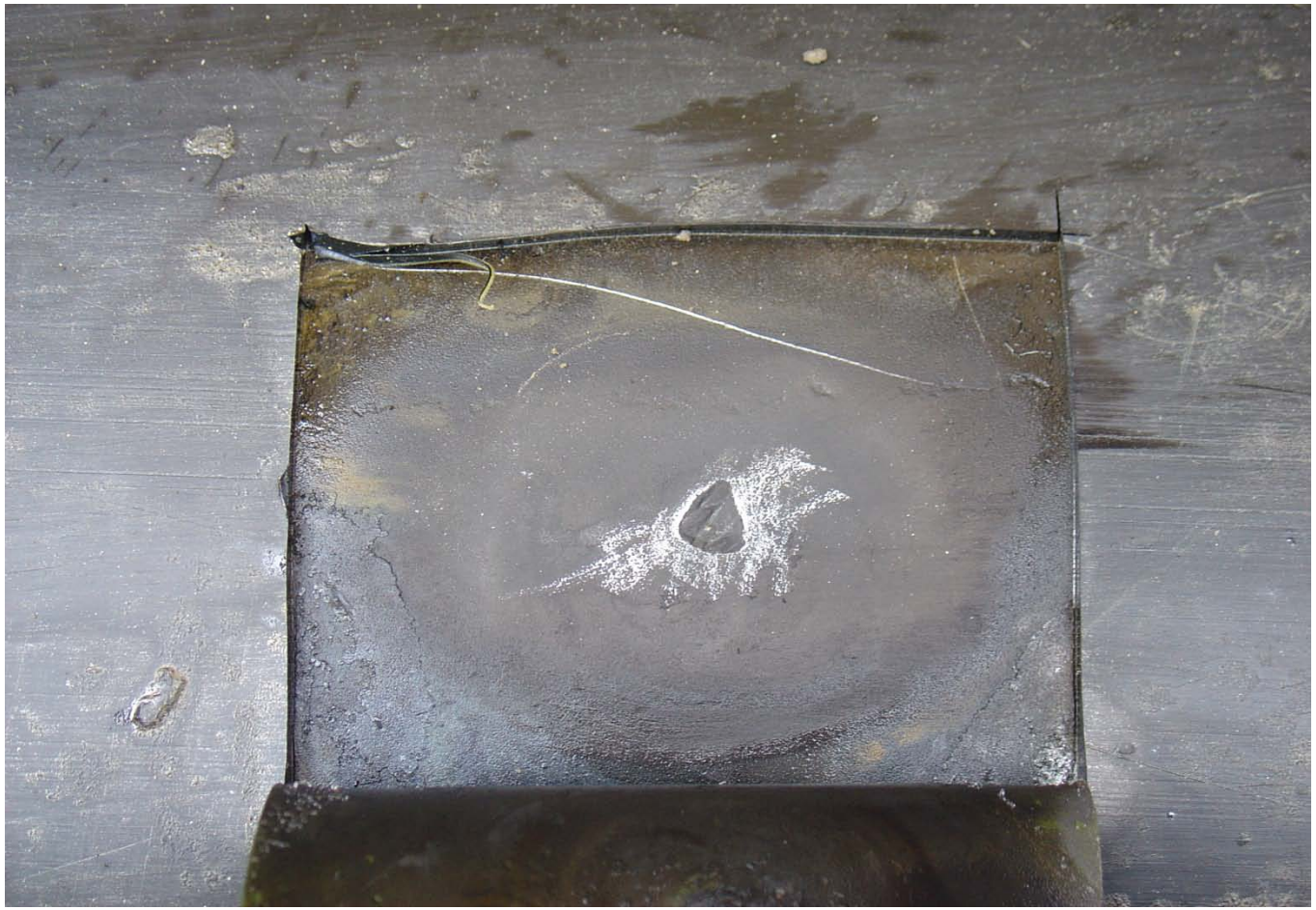
Pipeline in Rhone valley – AC corrosion



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Molchungen

- 1987 Pipe-Tronix — Intelligent Pigging
- 1988 Vetco — Intelligent Pigging
- 1988 PLE — Voltage Cone Measurements
- 1992 British-Gas — Intelligent Pigging
- 1992 Helbling AG — Voltage Cone Measurements
- 1997 PII (BG) — Intelligent Pigging
- 1998 Helbling AG — Voltage Cone Measurements
- 2004 Rosen — Intelligent Pigging
- 2004 Helbling AG — Voltage Cone Measurements

Local Storage

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Thank you very much for your attention

Questions?

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