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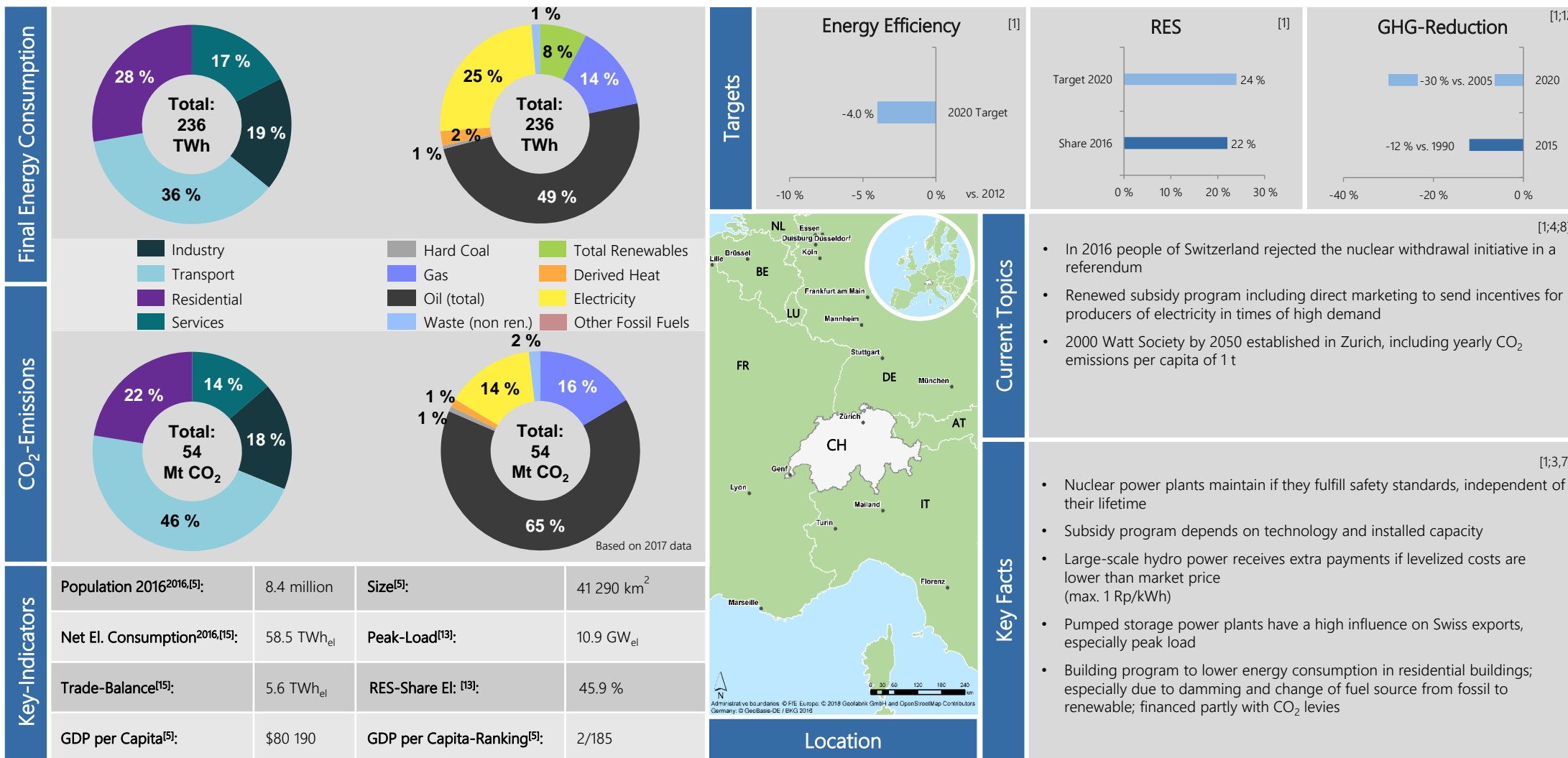
Federal Ministry
for Economic Affairs
and Energy

on the basis of a decision
by the German Bundestag



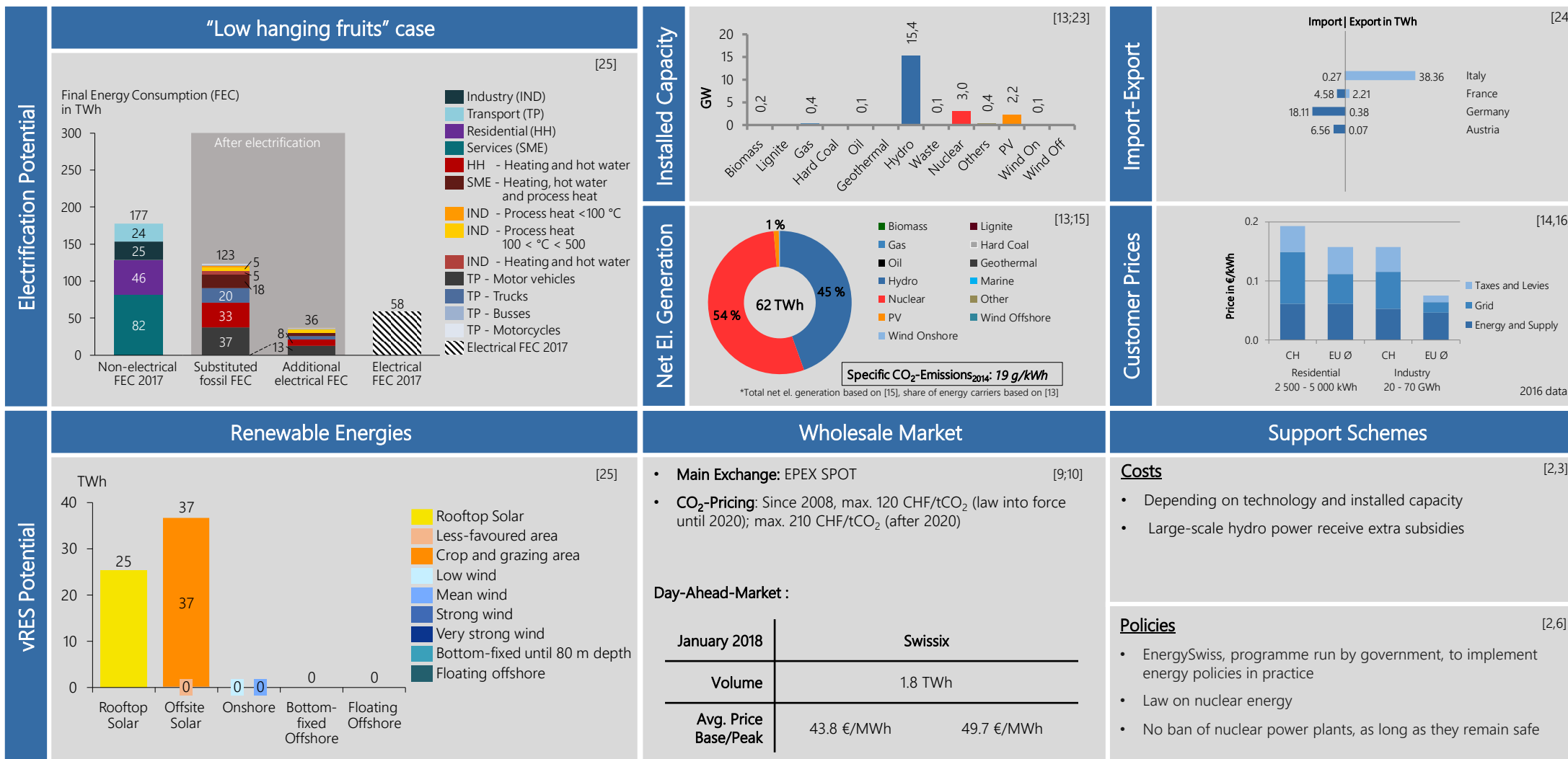
Energy Country Profile Switzerland

Switzerland at a Glance



All evaluations based on the year 2017 if not mentioned otherwise.

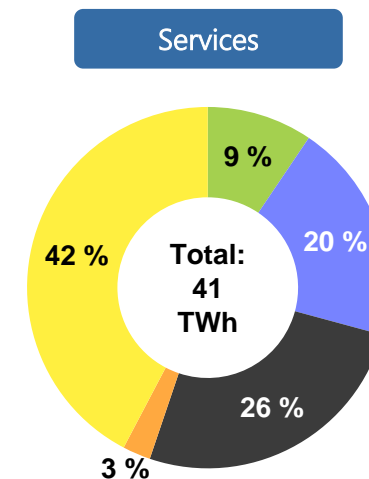
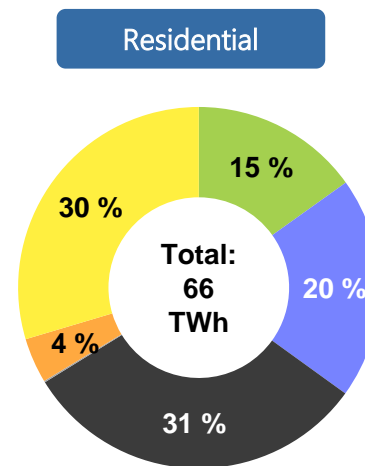
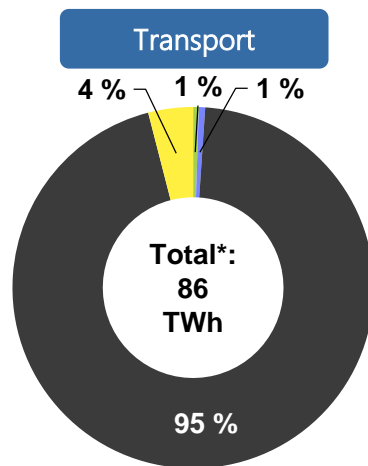
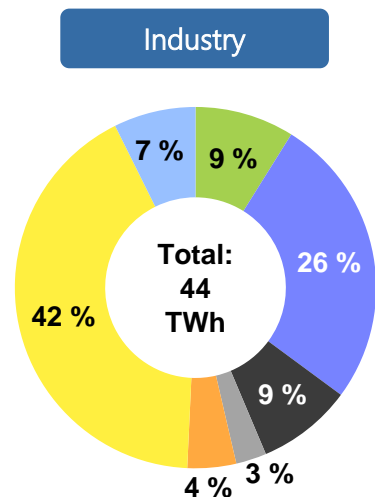
Switzerland's Electricity Sector



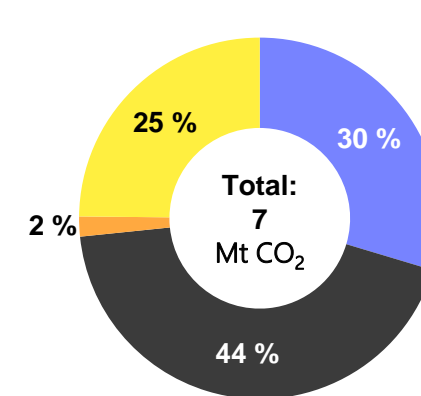
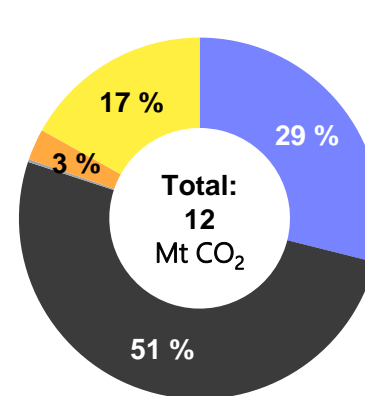
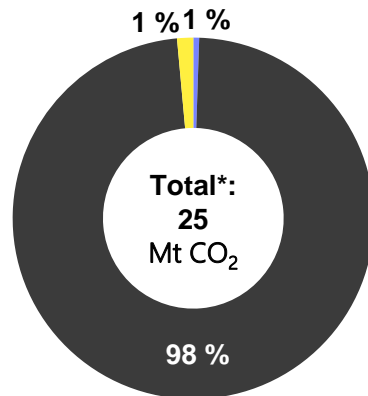
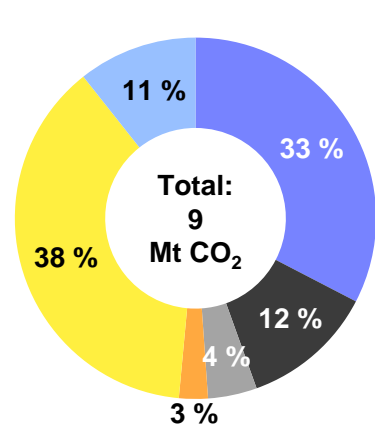
All evaluations based on the year 2017 if not mentioned otherwise.

Switzerland's Energy Consumption & Emissions by Sectors and Energy Carriers - 2017

Final Energy Consumption



CO₂ - Emissions

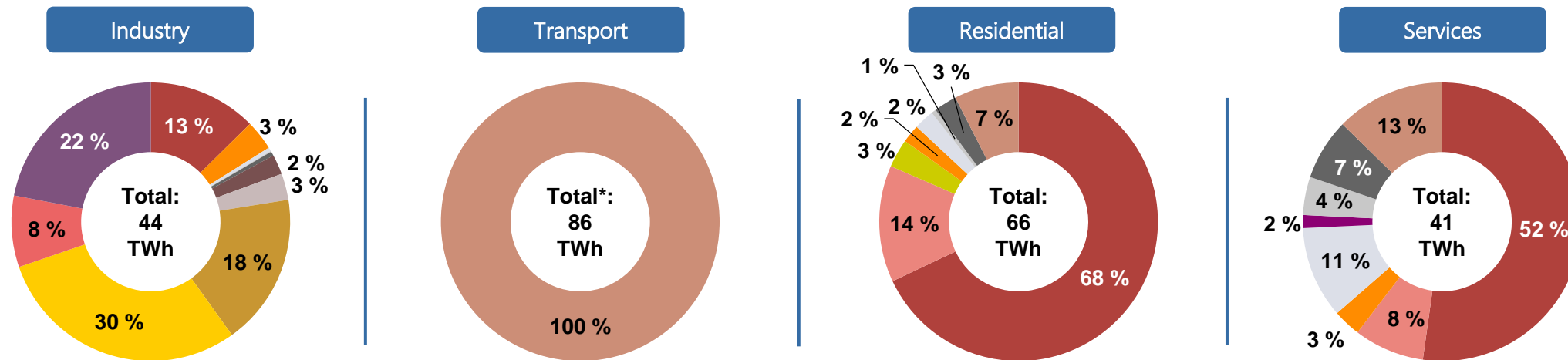


Hard Coal
 Oil (total)
 Gas
 Total Renewables
 Waste (non. ren.)
 Derived Heat
 Electricity
 Other Fossil Fuels

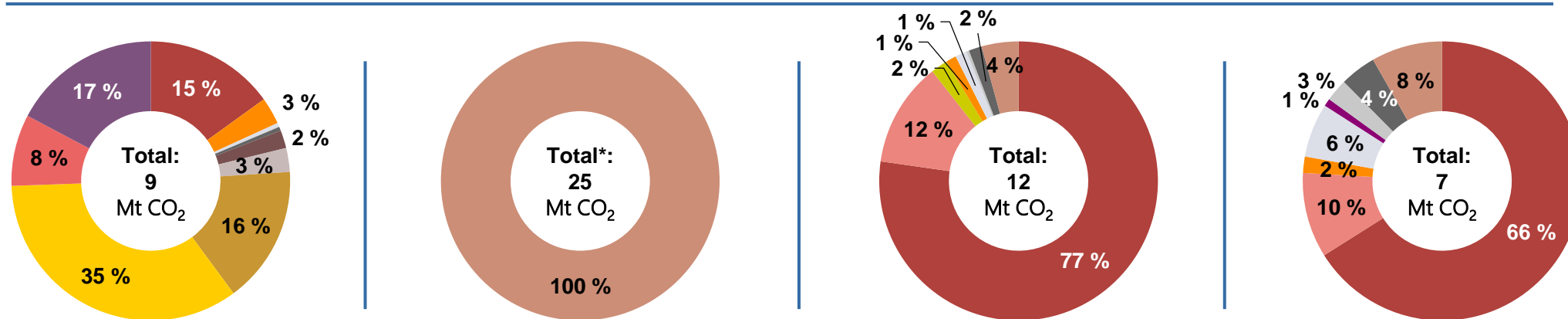
*excluding international aviation

Switzerland's Energy Consumption & Emissions by Application & Sector - 2017

Final Energy Consumption



CO₂ - Emissions



- Space Heating
- Process Heat 100 - 500 °C
- Process Heating < 100 °C
- Other Process Cold
- ICT
- Process Heating
- Cooking
- Pumps
- Warm Water
- Process Heat > 500 °C
- Other Mechanical Energy
- Mechanical Energy
- Lighting
- Compressed Air
- Climate Cold

*excluding international aviation

Switzerland: Sources



Institutions

Swiss Federal Office of Energy	http://www.bfe.admin.ch/index.html?lang=en
TSO	Swiss Grid https://www.swissgrid.ch/en/home.html
Regulator	Federal Electricity Commission ElCom https://www.elcom.admin.ch/elcom/en/home.html

Sources

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Main Studies

- **Switzerland 2012 Review** (International Energy Agency), http://www.iea.org/publications/freepublications/publication/Switzerland2012_free.pdf
- **Energy Strategy 2050** (Federal Office of Energy), <http://www.bfe.admin.ch/energiestrategie2050/06447/06456/index.html?lang=de>
- **Swiss Energy Programme** (Federal Office of Energy), www.bfe.admin.ch/php/modules/publikationen/stream.php?extlang=de&name=de_559542388.pdf

Abbreviations

RES	Renewable Energy Source
PEC	Primary Energy Consumption
GHG	Greenhouse Gases
EU ETS	European Union Emissions Trading System
EL	Electricity
EU	European Union
TSO	Transmission System Operator