



«Drilling Deep for Heat: Chances and Challenges of Deep Geothermal Energy»

View of the public administration

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Core business of the Swiss Federal Office of Energy

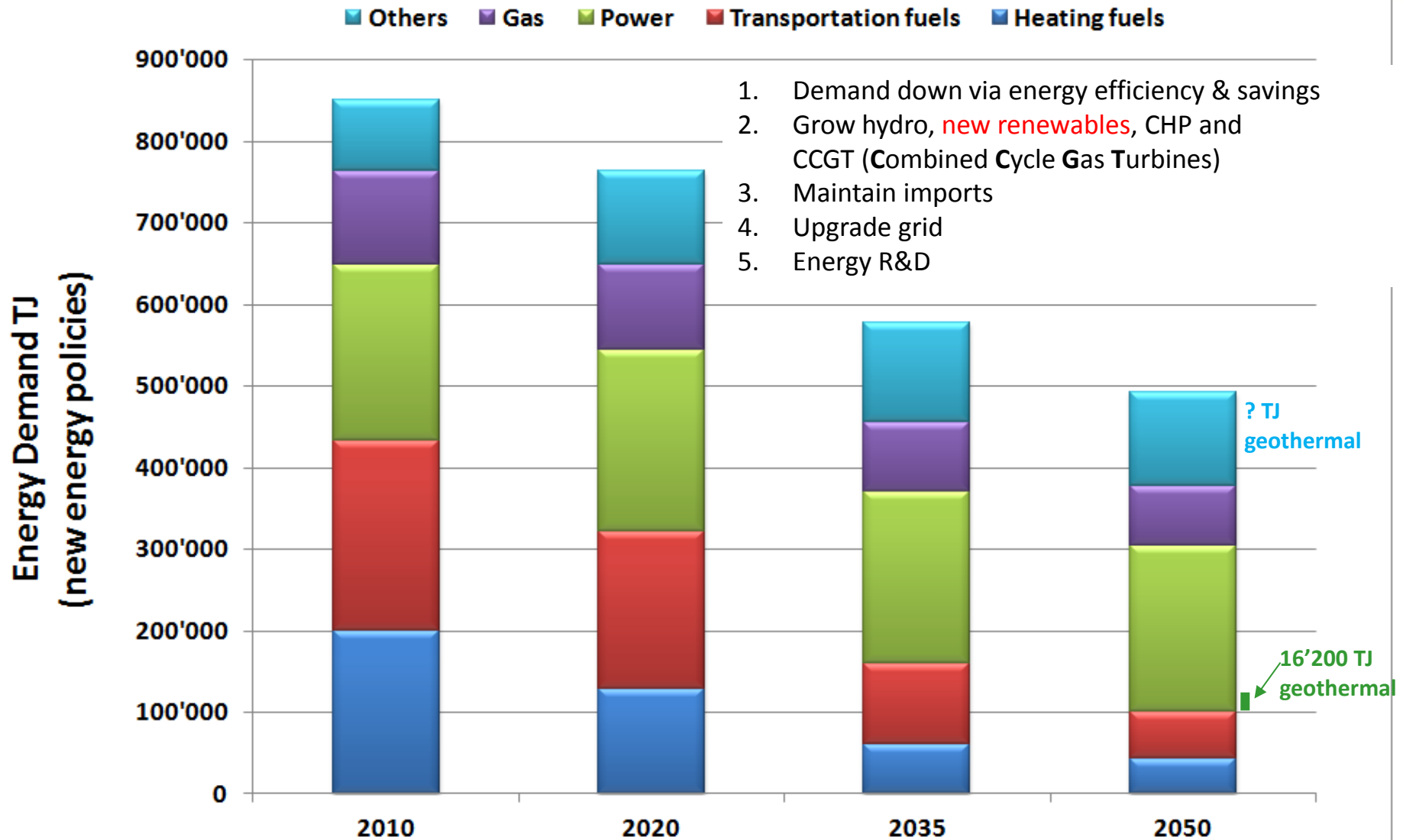
The Swiss Federal Office of Energy is the organizational entity of the Federal Department that deals with energy supply and consumption of Switzerland. It

- provides the framework for a sufficient, diversified and safe, as well as commercially viable and environmentally acceptable supply of energy
- encourages greater energy efficiency and a higher share of renewable energy consumption
- deals with high safety standards regarding the use of nuclear energy, the transport and distribution of electricity as well as liquid and gaseous transportation and heating fuels
- develops the framework for the increased efficiency in the supply of energy whilst maintaining the competitiveness of the energy sector of the economy

At the core is access to & availability of policy relevant information



Major drivers: Switzerland's Energy Strategy 2050 where deep geothermal energy has a role to play



Note: kerosene excluded

Source: Prognos, 2011 and Swiss Federal Office of Energy



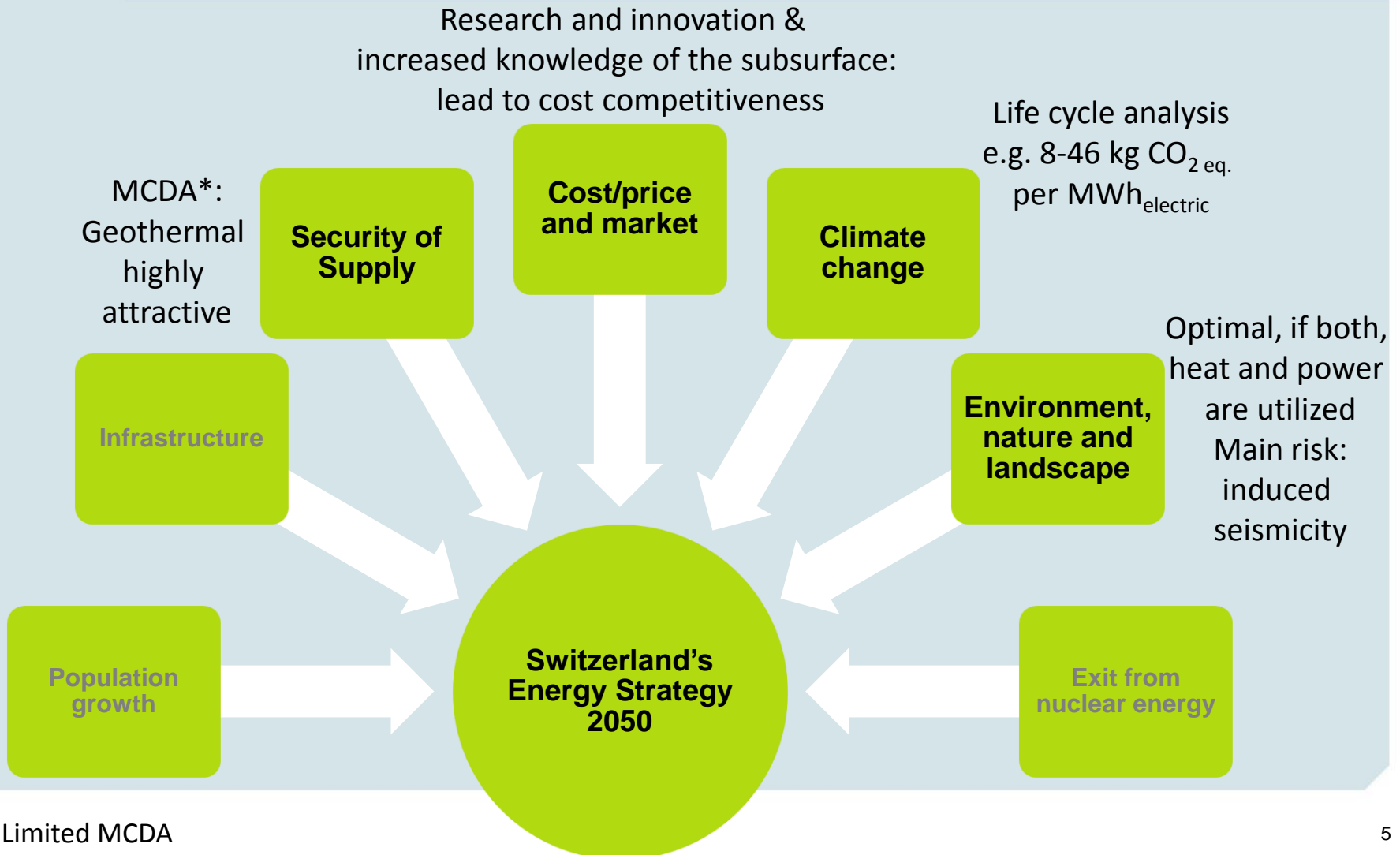
Switzerland's Energy Strategy 2050 & in parliament private member initiatives regarding geothermal

- Revised Energy Act and CO₂-Act (1st phase of implementing the Energy Strategy 2050)
 - Po. 11.3229
NR Riklin: Utilization of the Subsurface
 - Mo. 11.3562
SR Gutzwiller: Deep Geothermal Energy. Master plan.
 - Mo. 11.3563*
SR Gutzwiller: Deep Geothermal Energy. Exploring Switzerland
 - Mo. 11.4027*
NR Riklin: Action Plan Geothermal Energy
- ➔ *The Swiss Confederation is charged to organize and finance a Switzerland-wide geothermal exploration program





Results of Technology Assessment (TA SWISS) Developing & implementing evidence-based policy measures



*Limited MCDA
(Multicriteria decision analysis with a focus on new renewables)