



Schweizerische Eidgenossenschaft
Confédération suisse
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Bundesamt für Energie BFE
Office fédéral de l'énergie OFEN
Ufficio federale dell'energia UFE
Swiss Federal Office of Energy SFOE

Energy Strategy 2050:

A brief introduction

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BFE Bundesamt für Energie

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Energy policy milestones since Fukushima

- On 25 May 2011, Federal Council announces decision to withdraw from nuclear energy.
- Parliament subsequently adopts this resolution.
- Initial package of Energy Strategy 2050 measures to be submitted to Parliament at its 2013 autumn session.





Energy Strategy 2050: key elements (1/2)

1. **No new nuclear power plants**
2. Promotion of **energy efficiency** (-43% p.c. By 2035)
3. Increased use of **renewable energy**
 - Hydropower: + 3.2 TWh
(+ pump storage for integration of new renewable energy forms)
 - New renewable energy: exploitation of sustainably utilisable potentials (14.5 TWh by 2035)
4. **Remaining demand** to be met through:
 - Fossil-fuelled electricity production (primarily gas and steam)
 - Imports



Energy Strategy 2050: key elements (2/2)

5. Expansion of electricity networks

- Optimisation, renovation and expansion of transmission and distribution networks
- Reorientation in direction of smart grids

6. Intensified energy research

7. Federal government to act as role model

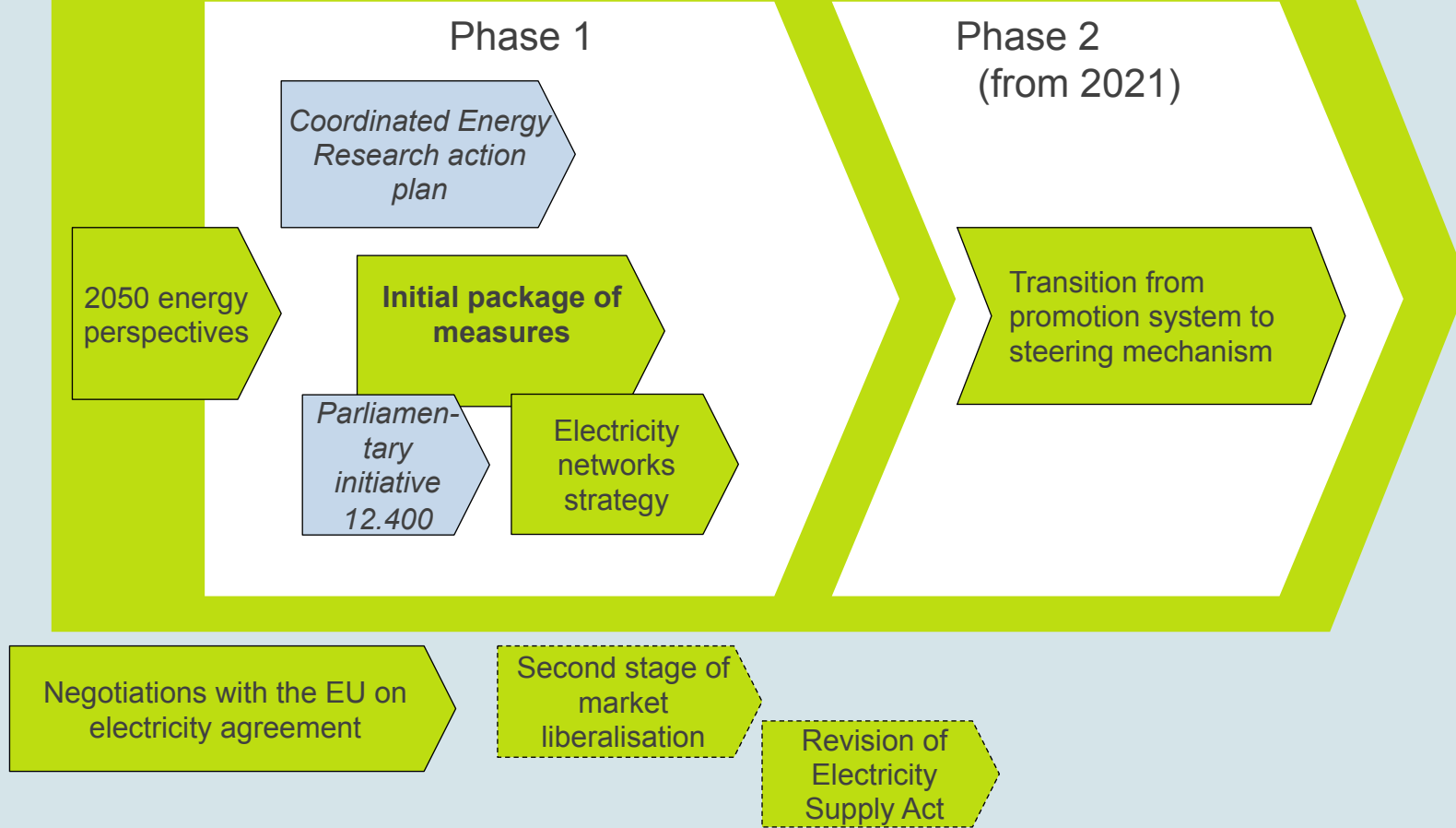
8. Strengthening of SwissEnergy programme

9. Intensification of international cooperation in the energy sector



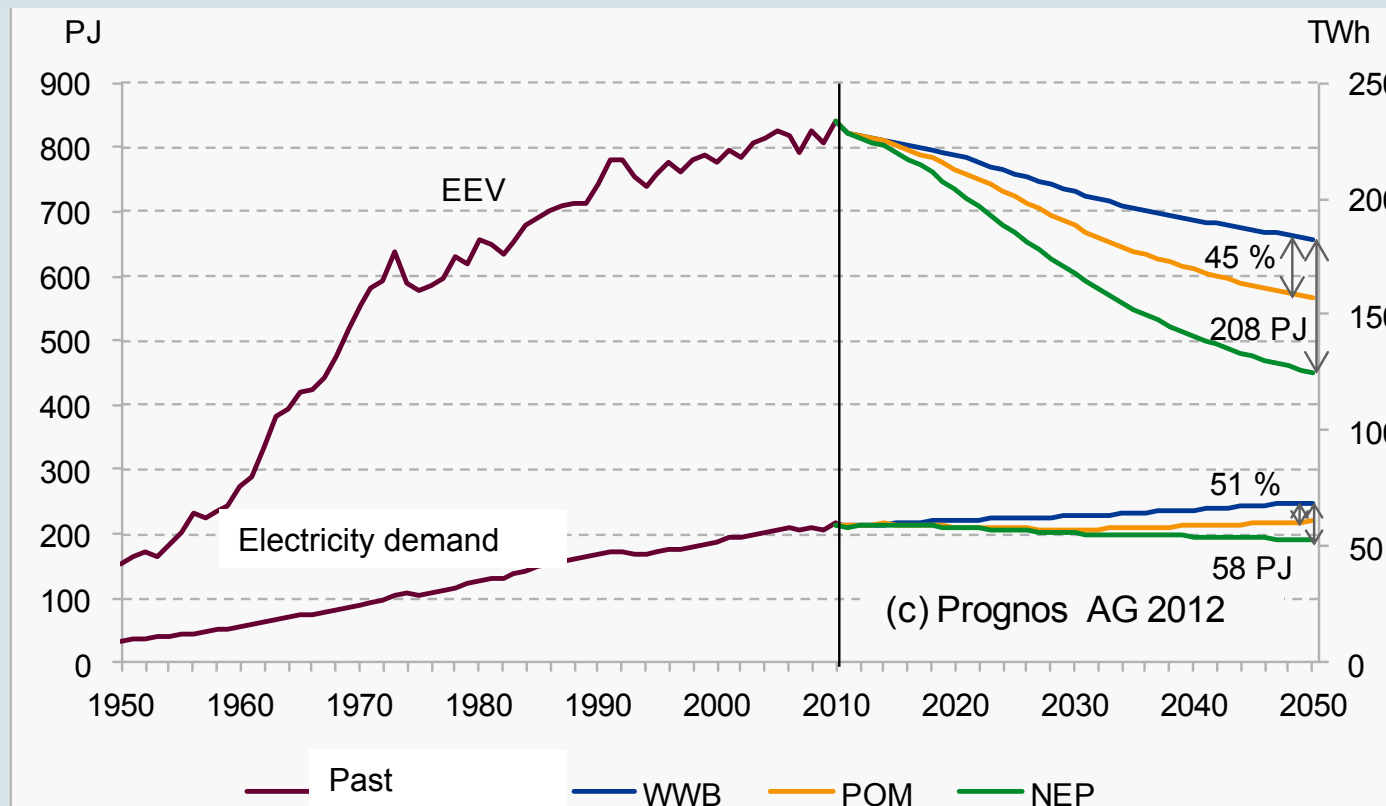
Energy Strategy 2050: overview

Energy Strategy 2050





Effects of initial package of measures: end-energy use and electricity consumption, 1950-2050



Szenarien:

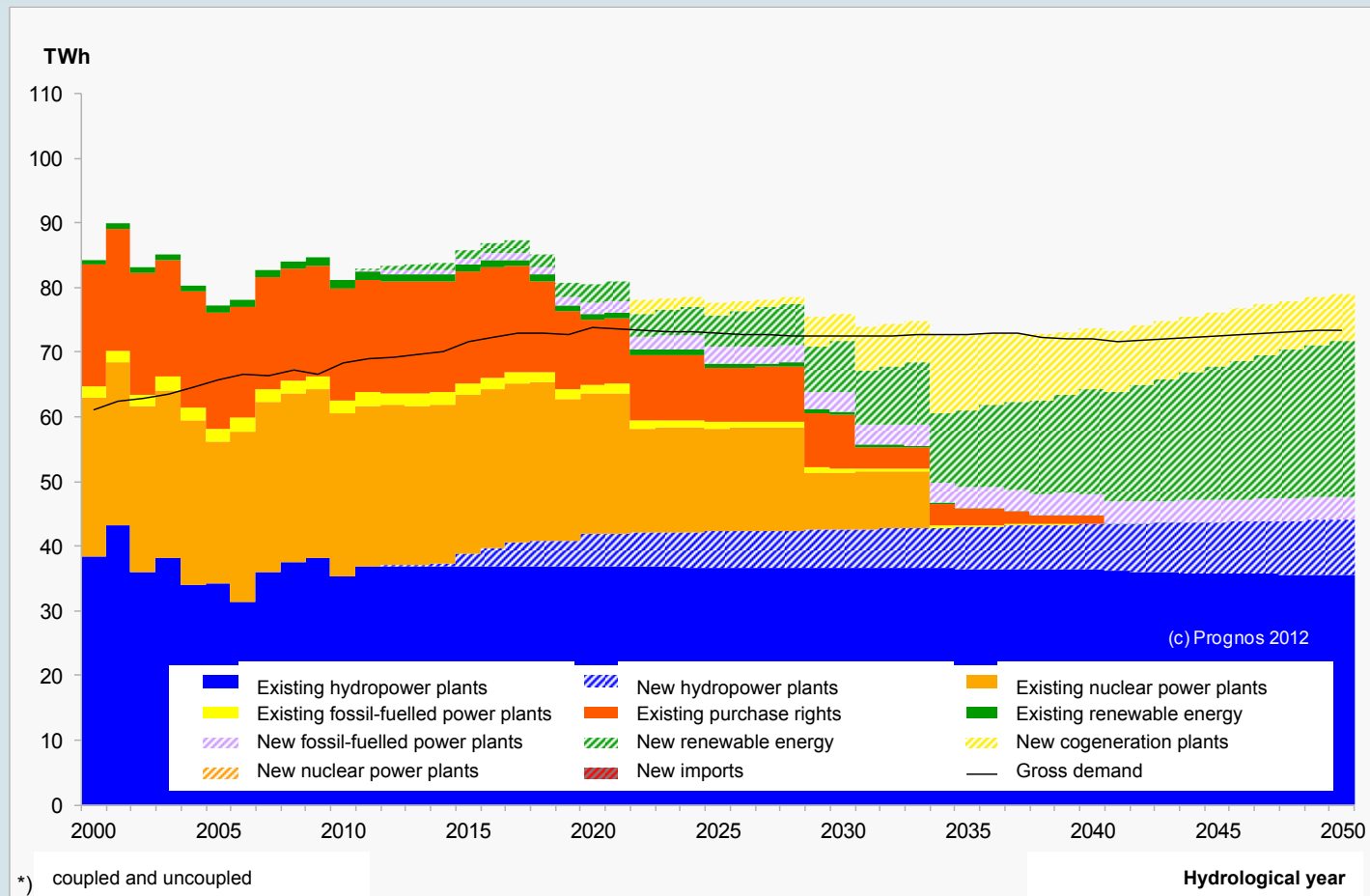
- WWB = Business as Usual
- POM = Political Measures of the Federal Council
- NEP = New Energy Policy

Other abbreviations:

- EEV = end-energy consumption



Effects of initial package of measures: development of electricity supply



Electricity supply, "Political Measures" scenario, option "C&E"



Thank you for your kind attention!

www.energiestrategie2050.ch
www.bfe.admin.ch

