

CASE STUDIES OF A SUCCESSFUL NATIONAL ENERGY PROGRAMME/STRATEGY

I. Promotion of energy efficiency and renewables

1. The problem or issue addressed:

Promotion of energy efficiency and renewables

2. Name of the programme:

“SwissEnergy”, “SuisseEnergie”

3. Timeframe: _10 years
(1991-2000)

Year started: 2001(follow-up to “Energy2000” Programme

4. Status: ☒ Ongoing ☐ Completed in year _____

5. Main objectives:

- Reduce fossil energy consumption by 10% (vs 2000).
- Increase electricity generation from new renewables by 500 GWh and heat generation from new renewables by 3000 GWh; maintain hydropower capacity.
- Cap electricity demand growth at 5% over 2001-2010 period.

6. Lead institution: Swiss Federal Office of Energy, Office federal de l'énergie

7. Other implementation arrangements and stakeholders involved (public, private, NGOs, CBOs, international support, etc.):

Cantons (provinces) and municipalities, industry associations, private sector, NGOs.

8. The results achieved (if possible, please address the social, economic and environmental impacts of the programme):

- 1990-2003: Electricity production from new renewables increased by 515 GWh to 954 GWh (left-hand graph below), heat production from new renewables by 2900 GWh to 8162 GWh (right-hand graph below).
- 1990-2003: CO2 emissions from stationary fossil fuel use reduced by 4.6%.

9. The relationship of the programme to internationally agreed goals and targets:

- Programme is the main instrument for Switzerland to reach its Kyoto target (-8%).
- Objectives were submitted to “Renewables2004” Plan of Action (Bonn Conference)