



The promotion of environmental technologies through concrete funding of projects from the Swiss federal government exists since 1997, based on art 49 al. 3 of the federal law on environmental protection:

„La Confédération peut promouvoir le développement d'installations et de procédés qui permettent dans l'intérêt public de réduire les atteintes à l'environnement. En règle générale, les aides financières ne peuvent excéder 50% des coûts. Si les résultats des travaux de développement sont utilisés à des fins commerciales, ces aides doivent être remboursées à concurrence des bénéfices réalisés. Le Conseil fédéral évalue tous les 5 ans l'effet de ces mesures d'encouragement et présente un rapport aux Chambres fédérales.“



Basics about promotion of environmental technologies

- Support-Program is working since 1997
- The program is administrated by the Swiss Agency for the Environment, Forests and Landscape (SAEFL)
- 15 mio CHF have been given for 96 projects from 1997 to 2003, leading to private investments of 30 mio CHF
- 4 mio CHF are available for 2004
- Internet-address for information and contact is:
www.environnement-suisse.ch, then click on „Index thématique“ and then click „Technologie“

• Project ideas always welcome!!!



Umwelt-Technologie-Förderung

The 3 main action strategies of the swiss environmental technology support program are:

- Improve the **environmental situation** through the development of environmental technologies, products and processes in the frame of Pilotplants



- Improving the **competitiveness** of the swiss environmental economic branch



- Improving the **eco-efficiency** of the whole swiss industry and economy



From 1997-2003: 43 projects for pilot- and demonstration plants covering all fields of the environment

- Air
- Water
- Soil
- Biodiversity
- Waste
- Noise
- Climate/Energy

Success and Breakdown are sometimes close to each other !?



SMIA03-Workshop Nr. 8 will present 4 successfull projects:

- Wet oxydation for sludge treatment
- Particle filters for diesel motors
- Bagasse fibres for industrial processing
- Dust removal from gaseous emissions of the cement industry



The internet-site www.eco-net.ch is hosting:

- Market-Information about foreign countries to help the swiss environmental branch (around 700 companies) to make business in the environmental sector
- Information about export assistance and finance
- European Tenders concerning environmental projects
- Contacts and informations about swiss activities abroad
- To remember: **world market** for environmental technologies is around **550 billions of euro** and grows annually between 7 % (Europe) and 17 % (South America, Africa) (source:EU-report KOM(2002)122)



PREPARE means „Preventive Environmental Protection Approaches in Europe“ and is an european network of experts with the aims:

- Exchange of information and enhance know-how about cleaner production (CP) activities in Europe
- Promote the use of CP-technologies
- Internet: www.prepare-net.org
- Switzerland will build up a national network under the leadership of SAEFL, FHBB and öbu



Conclusions of the 2002 report of the Federal Council about the first 5 years of promotion of environmental technologies:

- The promotion should be continued (rising budget!)
- The three action strategies (Innovation/Eco-net.ch/PREPARE) are supported
- An annual top-down thematic programme should be implemented (for the year 2003 the theme „Water“ was chosen)
- A database with best solutions and success stories should be realised
- A national network should unite experts about Cleaner Production, Eco-efficiency and Environmental Technologies
- Stronger cooperation with other federal and cantonal authorities
- Intensify project accompaniment and follow-up (5 year-report)



Private-Public-Partnership: an old idea with new dynamics for the sake of environmental protection:

- **Past and present:** Mutual consultations within official procedures and technical/political expert groups
- **New:** Voluntary agreements with economic branches help to reach reduction objectives (for climate and ozone: CO₂, VOC, Nox, SF₆)
- **New:** Agreements with private agencies help to execute the environmental legislation (AEnEC, eae, S.A.F.E, PRS)
- **New:** Support for environmental research and technology development help to find new solutions by sharing the risks in the difficult field of technical innovations