

Specific Studies EREP SA

Technical review

- 2012** **Support program for biogas production from humid biomass in Canton of Vaud. Inventory of small scale methanization technologies.**
Environmental and Energy division of Canton of Vaud.
- 2012** **Sludge digestion: situation and optimization potential**
OFEN (Swiss Federal Energy Office)
- 2009 – 2010** **Study about biogas injection in natural gas network, in Europe. In association with Nova Energy.**
GDF Suez
- 2009** **Feedback study about biogas injection in natural gas network, in Switzerland. Site of Widnau (CH-SG). In association with Nova Energie.**
GDF Suez
- 2009** **State of the art for the ways (economically profitable) permitting nitrogen elimination, concentration or transformation agricultural small/middle scale biogas plant. In association with EAWAG.**
OFEN (Swiss Federal Energy Office)
- 2008** **Feedback study about biogas injection in natural gas network, in Switzerland. Site of Bachenbülär (CH-ZU). In association with Nova Energie.**
GDF Suez
- 2008** **Concept study for optimal management of organic wastes. In association with Planair and CSC Déchets for technological part.**
Environment protection division of Canton of Neuchâtel
- 2007** **A feedback from experience of biogas injection into the Swedish natural gas network – site at Helsingborg (S)**
Gaz de France
- 2007** **Study for biogas injection in the Swiss and German natural gas networks (CH, D)**
Gaz de France
- 2006 – 2007** **Comparison of pre treatment techniques to increase the biogas production from primary and secondary sludge from wastewater treatment plants**
Swiss Federal Office of Energy
- 2006 – 2007** **A feedback from experience of biogas injection into the Swedish natural gas network – site at Laholm (S)**
Gaz de France

- 2005 – 2006** **Study for the economic profitability of energy producing installations from biomass. Analysis of the process of liquid bio fuels.**
Swiss Federal Office of Energy
- 2005** **A feedback from experience of biogas injection into the Swiss natural gas network**
Gaz de France
- 2003 – 2005** **Study for new organisational ways for the collective management of bio wastes at regional scale.**
In the context of a European program called "Interreg" France-Switzerland
- 2004** **Study for the biogas injection into the natural gas network for Europe**
Gaz de France
- 2003 – 2004** **Realisation of a technical and economical reference on small-scale methanisation units in Europe treating organic agricultural and non-agricultural products**
ADEME, Bio energy department
- 2002 – 2003** **Realisation of a technical and economical reference on large-scale methanisation units in Europe treating organic wastes**
ADEME, Bio energy department
- 2001 – 2002** **Study for the injection of biogas into the network and use as fuel: technical, economical en regulatory aspects**
Gaz de France
- 2000 – 2001** **Study for the application of methanisation for the treatment of restaurant waste: review document**
ADEME, France

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Eco Balances

- 2010** **Bilan-Carbon® for organic waste management by SICTOM Champagnole (F-39); in association with SARL RECYTEC.**
SICTOM Champagnole
- 2010** **Life cycle analysis for biomethane produced by energy crops; in association with Bio Intelligence Service.**
ADEME (French Environment en Energy management agency)
- 2003 – 2004** **Energy from whey: comparison of the biogas and bio ethanol fabrication process by means of an eco balance.**
Swiss Federal Office of Energy
- 2004** **Treatment site for organic waste at Châtillon-Genève: comparative eco balance for 3 extension scenarios**
Canton of Geneva
- 1994 – 1997** **Environmental evaluation by means of an eco balance of the degree of centralisation of methanisation installations treating organic domestic wastes**
Swiss Federal Office of Energy

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Inventories / Investigations

- 2011** **Inventory of the fermentable wastes in the Canton of Geneva (CH)**
Water, soil and sanitation service of Canton of Geneva.
- 2009** **Inventory of the fermentable wastes in the Canton of Vaud (CH)**
Water, soil and sanitation service of Canton of Vaud.
- 2009** **Organic waste recovery by biomethanization in Oujda country (Morocco); in association with Mohammed Premier University.**
REPIC (Renewable energy and energy efficiency promotion in international cooperation)
- 2006** **Market study for the biomethanisation of solid waste, current status**
Suez Environnement
- 2004** **Inventory of methanisable waste in the Canton of Valais (CH)**
Environmental protection service of the Canton of Valais
- 2003** **Identification of digestible organic products in the French-speaking part of Switzerland**
Federal Office of Energy and the Canton of Vaud