

International Transport Forum 2010 Transport and Innovation: Unleashing the Potential

CASE STUDY - SWITZERLAND

This document has been translated by the International Transport Forum from the original French text.

The following information is based on a response to a survey carried out by the International Transport Forum on innovative policy initiatives within member countries, and countries' efforts to promote innovation.

Briefly describe innovative policy initiatives that your government has succeeded in implementing in the transport sector in recent years. Please take the widest possible definition of innovation, including innovative technologies (e.g. ITS), policies, practices (e.g. new pricing mechanisms), etc.

1. Introduction of the service-related charge for heavy goods vehicles (*Redevance poids lourds liée aux prestations, RPLP*) in 2001

This measure was introduced in three stages, in conjunction with raising the maximum authorised weight of heavy goods vehicles to 40t. The revenues generated are used for a fund dedicated to public transport infrastructure, in particular new railway lines through alpine regions.

www.uvek.admin.ch/dokumentation/00655/00699/00707/index.html?lang=fr
www.bav.admin.ch/aktuell/00479/index.html?lang=fr&msg-id=15533
www.news-service.admin.ch/NSBSubscriber/message/attachments/10241.pdf

2. Concept of non-motorised mobility: tools, guidelines, implementation guide

A concept was developed together with guidelines and recommendations for the implementing authorities at the local level:

www.astra.admin.ch/themen/langsamverkehr/00482/index.html?lang=fr
www.astra.admin.ch/themen/langsamverkehr/00480/index.html?lang=fr
www.astra.admin.ch/themen/langsamverkehr/00483/index.html?lang=fr

3. Infrastructure fund

A fund has been established for road transport and public transport projects in large urban areas (spread over 20 years)

www.are.admin.ch/themen/agglomeration/00626/01680/index.html?lang=fr

4. ETCS

The ETCS standardised automatic train guidance and braking system is being gradually introduced.

www.bav.admin.ch/dokumentation/publikationen/00568/00570/01501/index.html?lang=fr&download=M3wBUQCu/8ulmKDu36WenojQ1NTTjaXZnqWfVp7Yhmfhnappmmc7Zi6rZnqCkkIN3fXuAbKbXrZ2lhtTN34al3p6YrY7P1oah162apo3X1cjYh2+hoJVn6w==&.pdf

What initiative(s) does your country have to promote innovation in the transport sector? Are these initiatives part of a larger effort to promote innovation across the economy? Please provide any additional material you have regarding these initiatives, including web sites, reports, etc.

See answer to the preceding question.

Also: the “climate cent” levied on fuel:

www.uvek.admin.ch/dokumentation/00655/00699/00713/00714/00715/index.html?lang=fr

What are the specific objectives of these initiatives? (e.g. Do they focus on certain challenges, such as climate change or safety, or on certain modes? Do they take a wider approach focusing on all of the challenges faced by transport?)

- To counteract the effect of climate change.
- To protect human beings and the environment.
- To protect the alpine region.
- To transfer goods traffic from road to rail (an objective specified by a constitutional article).
- To preserve nature and the landscape.
- To reduce external costs (of all kinds: human health, cost of accidents, nature conservation, reduction of risks of natural disasters, etc.) in the long term.

Please describe the funding arrangements associated with your efforts to promote innovation in transport:

Infrastructure fund for projects in large urban areas:

www.are.admin.ch/themen/verkehr/00250/00460/index.html?lang=fr
www.uvek.admin.ch/dokumentation/00655/00699/00787/index.html?lang=fr

Public transport infrastructure fund:

www.bav.admin.ch/dokumentation/publikationen/00475/00476/00699/index.html?lang=fr

What is the lead ministry or agency for your efforts to promote innovation in transport?

Ministry: Federal Department of the Environment, Transport, Energy and Communications.
Federal Department of Finance.

What other public entities are involved and what are their roles?

Federal Department of Economic Affairs, SECO: university education, Universities of Applied Sciences, etc.

What other partners are involved (e.g. the private sector, universities, states/provinces, etc.)?

Umbrella associations of carriers, automobile importers, universities/Federal Institutes of Technology, Universities of Applied Sciences, research institutes

Association of public transport providers

Cities, for example, the “energy” prize awarded to cities.

What international partnerships are involved in this?

Chiefly at the national level.

Energy field: participation in the “energy award” at the international level (which also includes the transport component).

Please describe the performance indicators or measurements that you use to evaluate the outcomes of your efforts to promote innovation. Please attach more detailed documents on this issue, if they are available.

Assessment of projects in large urban areas: criterion of sustainability
www.are.admin.ch/themen/nachhaltig/00270/02745/index.html?lang=fr

www.are.admin.ch/themen/nachhaltig/00270/02745/index.html?lang=fr&download=NHZLpZeg7t,lnp6I0NTU042l2Z6ln1ae2lZn4Z2qZpnO2Yuq2Z6gpJCdfYR9hGym162epYbg2c_JjKbNoKSn6A--

www.are.admin.ch/themen/nachhaltig/00270/02745/index.html?lang=fr&download=NHZLpZeg7t,lnp6I0NTU042l2Z6ln1ae2lZn4Z2qZpnO2Yuq2Z6gpJCDe4F,fmym162epYbg2c_JjKbNoKSn6A--

What are the principal means by which your agency keeps track of new innovations and trends in transport?

- Financial funds allocated to certain projects and concepts:
www.bav.admin.ch/alptransit/01376/01377/01379/index.html?lang=fr&download=M3wBPgDB/8ull6Du36WenojQ1NTTjaXZnqWfVp7Yhmfhnappmmc7Zi6rZnqCcklN3fH6CbKbXrZ6lhuDZz8mMps2gpKfo&.pdf
- System of calls for tender for the promotion of transalpine goods transport using the “rolling road” system: www.news-service.admin.ch/NSBSubscriber/message/fr/26157
- Recommendations and guidelines for authorities at the regional and local level
- Environmental objectives having an impact on mobility and territorial development/town planning:
overview www.bafu.admin.ch/luft/00649/00650/index.html?lang=fr