



Transport Working Group of the Alpine Convention: update





Last meeting of the Working Group: 4.12.2018 (Paris)

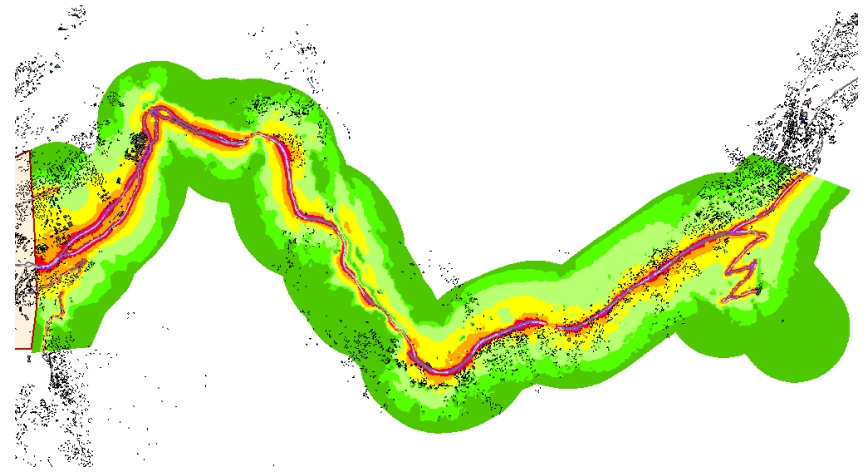
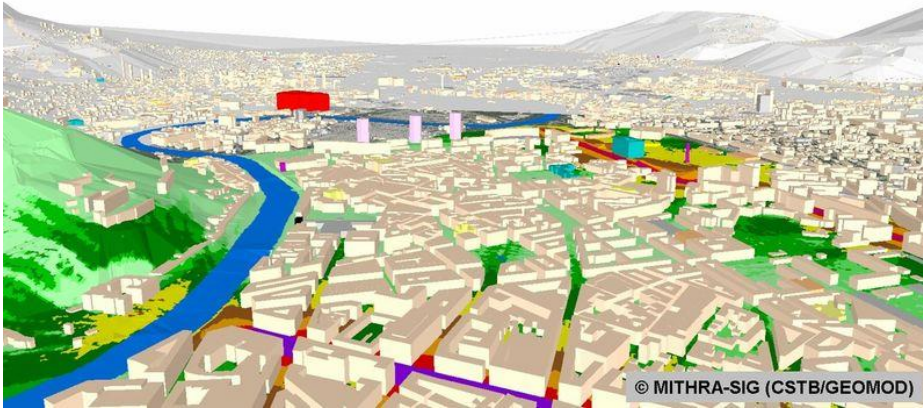
Results of the 2016-2018 mandate:

1. *Assessment of external costs induced by noise in mountainous areas*, CEREMA (FR), 2019

- Modelling on two mountain corridors in Auvergne-Rhône-Alpes Region and a reference corridor
- Strong variations according to corridors
- Higher sanitary cost per HGV partly compensated by lower population affected in mountain areas
- Environmental footprint independent of population affected
- Assessment of external costs induced by air pollution: *in progress*

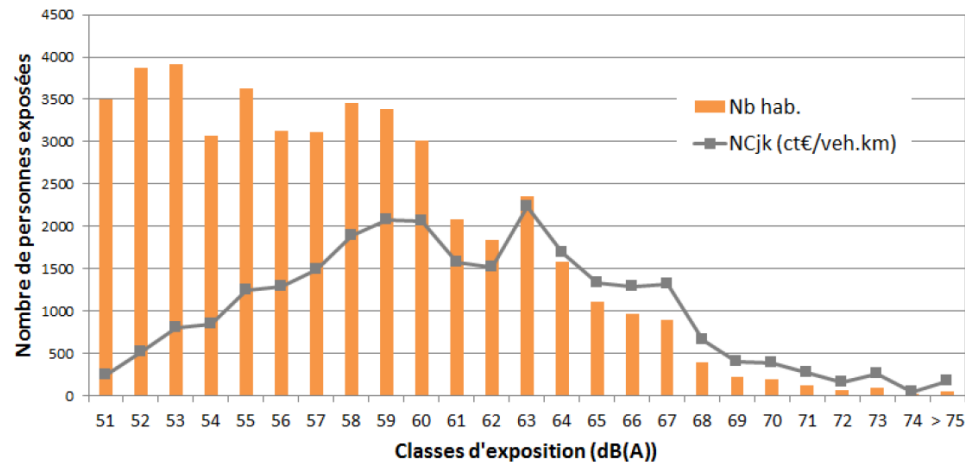


Assessment of external costs induced by noise in mountainous areas



© MITHRA-SIG (CSTB/GEOMOD)

Epine - Fréjus





Results of the 2016-2018 mandate (cont'd):

2. *Deployment of Alternative Fuels Infrastructure Implementing the EU Directive 2014/94/EU on the Alpine territory, IT, 2019*
 - Electromobility, LPG, CNG/LNG, hydrogen
 - State-of-the-Art in the Alpine countries (policy framework, deployment status) and best practices
 - Heterogeneous deployment, different strategies
 - Recommendations in order to support deployment



Transport Working Group of the Alpine Convention: update

Results of the 2016-2018 mandate (cont'd):

3. *Innovation in Rail Freight: Some Conclusions for the Alpine Convention*, Ernst Lung (AT), 2019

- Overview of current developments: Digitization, innovation in rolling stock, automatic coupling systems, partly and fully automatic shunting, freight trains without drivers, “last mile” strategies





Results of the 2016-2018 mandate (cont'd):

4. *Traffic monitoring, CEREMA (FR) – in progress*

- Maps of LV / HGV / rail freight / rail passengers. Data 2005, 2010, (2015)

- All reports to be presented at the XV Alpine Conference, 4 April 2019, Innsbruck

- Publication on www.alpconv.org after the Conference



Alpine Climate Target System 2050

to be adopted at the XV Alpine Conference

Alpine Convention – Protocols and Decisions

UNFCCC process and Paris Agreement

Sustainable Development Goals

GENERAL PRINCIPLES

Transition based on cultural & natural heritage

Model region for integrated action

Showcase for transnational action

Emphasis on Alpine co-benefits

Climate-neutral Alps

Climate-resilient Alps

Spatial planning

Energy

Transport

Natural hazards

Tourism

Ecosystems and Biodiversity

Mountain Forests

Mountain Agriculture

Water

Soil

Municipal Action

Research & Development

COMMUNICATION

4 Transport Targets:

- Modal shift of Alpine freight transit
- Reduced car-dependency (inner-Alpine and transalpine passenger transport)
- Reduced transport demand (passenger and freight)
- Decarbonised transport fleet



Next mandate to be approved at the XV Alpine Conference

*contributing to the implementation of the **Alpine Climate Target System 2050***

1. Position paper on **modal shift of Alpine freight transit**
2. Collection and analysis of good practices in **reducing transport demand**
3. Study of the potential of **new technologies for passenger transport**
4. Input to the 8th Report on the State of the Alps on **Air Quality**