



Interreg III B

ALPNAP

Monitoring and Minimisation of Traffic-Induced Noise and Air Pollution Along Major Alpine Transport Routes

www.alpnap.org



Aims and organisation of the project

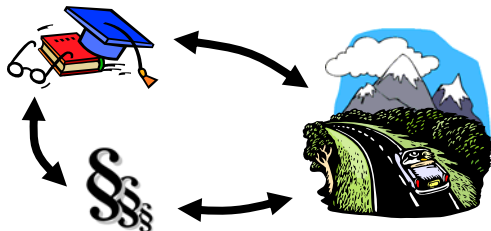
Purpose and objectives

➤ **Application of innovative, scientific methods**

- in selected areas (Brenner and Fréjus corridors)
- to quantify the sensitivity to emissions in valleys
- to assess in a consistent way the impact of air pollution and noise on the environment, quality of life, and health
- to demonstrate how traffic regulations can be designed
- to meet noise and air quality standards as a function of real emissions and weather

➤ **Awareness rising with respect to the interaction of nature and human activities in the Alps**

➤ **Formation of a sustainable Alpine-wide network of experts and authorities**



Partnership

➤ **11 partner institutions from 4 countries**

- Deutsches Zentrum für Luft- und Raumfahrt, DE
- Forschungszentrum Karlsruhe, DE
- Universität für Bodenkultur, AT
- Technische Universität Graz, AT
- Universität Innsbruck, AT
- Medizinische Universität Innsbruck, AT
- Istituto di Scienze dell'Atmosfera e del Clima, IT
- Università degli Studi di Trento, IT
- ARPA del Piemonte, IT
- Centre Scientifique et Technique du Bâtiment, FR
- Centre d'Etudes Techniques de l'Équipement de Lyon, FR



Workpackages

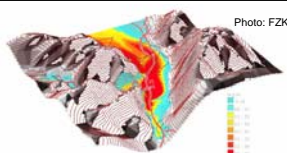


Photo: FZK

- WP1: Transnational Project Preparation
- WP2: Transnational Project Management
- WP3: Project Management
- WP4: Information and Publicity Activities
- WP5: Traffic Monitoring and Emission Data
- WP6: Meteorology - Monitoring and Prediction
- WP7: Air Pollution - Monitoring and Prediction
- WP8: Noise - Monitoring and Prediction
- WP9: Impact Assessment
- WP10: Planning and Integration



Photo: Universität Innsbruck



Photo: HUPAC

Expected output



Photo: ARPA Piemonte

- A set of new tools for assessing air quality, noise and their health effects under the consideration of Alpine topography and meteorology
- Knowledge transfer to communities, regional authorities, politics, and the general public
- Knowledge exchange between experts in the Alpine Space
- Recommendations for more effective measures and a better base for planning



Photo: ALPNAP

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