

Dear Reader



Welcome to the ninth issue of the CO₂NeuTrAlp newsletter. In this issue case studies on sustainable mobility from various countries in the Alpine Space are presented. More good practice examples are available on the CO₂NeuTrAlp website.

The Final Conference of the project will take place on the 30th June 2011 in Milan, Italy. **Save the date!** Next to lively discussion among international experts and policy makers on the future of mobility, the CO₂NeuTrAlp guidelines will be launched in Milano. These reflect the main lessons learned within the project in terms of planning, organising, financing and implementing innovative technologies and concepts for sustainable mobility. More information on the guidelines is available in this newsletter!

Enjoy reading!

Vivien Führ,
Project responsible, B.A.U.M.Consult

Find more information on:



www.co2neutralp.eu



Picture: Harry Schiffer

CO₂NeuTrAlp - Intelligent Mobility for the Alpine Space

The CO₂NeuTrAlp Final Conference „On the Road to Sustainable Mobility: Where Are We Going?“ in Milano on the 30 June 2011

The CO₂NeuTrAlp project final conference is getting closer. International experts will discuss on the future of sustainable mobility at Bocconi University in Milan, on June 30.

The discussion will try to sketch a vision for local mobility, with specific attention to the Alpine Space area, based on sustainability and innovativeness paradigms. Furthermore, the relationships between future mobility and territorial characteristics and endowment will be analysed in terms of environmental and socioeconomic impacts, as well as exploring the potential of natural resources and renewable energies.

The final outcomes of the CO₂NeuTrAlp project, as well as the results of the 13 pilot activities, will contribute to the debate and merge their specific findings into a shared pattern of guidelines for CO₂ Neutral Mobility, as an effective tool to be adopted by decision makers and stakeholders in order to reach effective targets in the Alpine Space Area.





Picture: Dr. Manfred Kirchner

The Case Studies are available now!

Since this year the CO₂NeuTrAlp Case Studies are available on the project website www.co2neutralp.eu.

A typical CO₂NeuTrAlp case study describes the reduction of CO₂ emissions by using renewable energies in public transport by a Alpine Space city, region or partner. Examples of innovative and integrated approaches are particularly welcome. In order to facilitate the transfer of good practice and lessons to be learned, the emphasis is put on the measures implemented and the potential for replication and/or inspiration. CO₂NeuTrAlp case studies are also available via ELTIS, the European Local Transport Information Service, where clean and energy efficient vehicles is one of the 13 local transport concept. ELTIS also has clean and energy efficient vehicles cases that do not fall within the scope of CO₂NeuTrAlp.



All Case Studies are available here: [>> Link](#)
 Find 3 CO₂NeuTrAlp Case Studies on the this and the next page.

Case Study1: Electric Boat on the Lake du Bourget

In frequently touristed area, on one of the greatest French lakes in the Alps, a private company decided to offer boat trips with a high quality of comfort (less noise and odours) and a better protection of the environment.

Tourists using this electric boat react highly positive to its advantages, even if they didn't choose this boat for environmental reasons. The boats capacity holds 60 places (corresponding to one busload). It can reach the speed of 11 km/h. It has been specifically built by Debord, a French boat builder. It has the design of a paddle boat, for marketing reasons. Two 10 kW electric motors are powered by lead batteries which allow 7 hours of sailing at an average speed of 7 km/h. It is enough to ensure the trips for 1 day. A generator has been added for security reasons, but the situation to use it has never occurred up till date. The recharge of batteries is done by night, directly at the loading dock. The boat is used every day between May and October.

Find the whole Case Study here: [>> Link](#)

Case Study 2: The Trolley-Citybus of Salzburg

Since 70 years the electric driven trolleybuses are used in Salzburg. Trolleybuses are a clean, electricity-based transport mode for urban mobility.

Since 1940, trolleybuses are used for public transport in Salzburg. The system started with a single line and 4.8 km (3 miles) of trolley wires. Meanwhile, the trolleybus network has grown to a full length of 98 km



Picture: Markus Doyon

(60 miles). 37.6 million passengers are transported annually by a modern fleet of 86 trolleybuses. Without the trolleybus system, CO₂-emissions would increase annually by some 60,000 tons and cause an additional macro-economic damage of approximately 14 million € per year. 3 suburban train lines and a couple of conventional diesel bus routes complete a very dense integrated public transport network.

The SalzburgAG - provider of the PT services in Salzburg - is also partner of the project Trolley: www.trolley-project.eu.

Find the whole Case Study here: [>> Link](#)

Case Study 3: ALPINE PEARLS (Alpine Space, 05/2003 - 09/2006)

The intention of the project was to create innovative, sustainable offers for tourism based on environmentally friendly mobility within municipalities in five Alpine countries and to set up a strong cooperation between these “Alpine Pearls”.

Tourist mobility, particularly individual motor car traffic, has a substantial impact on the environment in the Alpine region.

The Alpine Pearls contribute to sustainable development by reducing traffic-related emissions through the implementation of soft mobility means and innovative public transportation services with special focus on tourism. The Alpine Pearls promote car-free transport and offer soft modes of mobility not only for local transportation but also as means of arrival and traveling between the Pearls. To encourage tourists using public transportation for arrival and departure the Pearls set up shuttle and luggage services and even offer whole tourist packages which include transportation for the entire holiday time. Preferred vehicles used on local level are hybrid and electric cars, shuttle buses or (electric) bikes.

Find the whole Case Study here: [>> Link](#)

Case Studies

SUBMIT YOUR CASE STUDY

What should a Co2NeuTrAlp Case Study include?

A typical case study describes an activity undertaken by a European city or region to improve its local transport system. In order to facilitate the transfer of knowledge, the emphasis is put on the measures implemented and the potential for replication.

Please note before adding a case study, that case studies have two main objectives:

1. To allow you to present your initiatives and your organisation (not just advertising them).
2. To provide valid and useful information to others.

The Case Studies can also be submitted from interested persons who are not involved in the project.

So please consider:

What are your main results and what could help others?

Be sure to include details of your results, strategies and synergies as well as less successful, or even failed, actions!

Be sure it is not only a study but a real implementation!

Submit your Case Study and share your best practise examples!



The final guidelines of CO2NeuTrAlp for decision makers and for technicians

Throughout the last year the project partners have been gathering essential experiences and findings of tested technologies and methodologies for alternative mobility systems in order to prepare guidelines for followers.

These guidelines give an insight into the work process of the project and show how to succeed in introducing new propulsion technologies as well as intermodal transport means in various sectors.

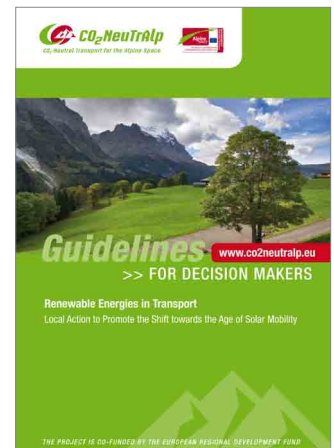
Different challenges are shown like the setting up of regional renewable energy supply systems or managing new technologies. Identified opportunities, beside the reputational effects, strengthen the regional economy and the decrease of infrastructure costs by an early adaption to necessary future changes. In order to take these opportunities several tasks are pointed out for creating favorable frame conditions, mobilising funds or raising the awareness of stakeholders.

As different stakeholders have different scopes and duties the guidelines are prepared to address decision makers on the one hand and technicians on the other.

Addressed to public and private players, responsible for deciding on the technologies chosen to provide transport services, the Guidelines for Decision Makers reflect lessons learned in terms of planning, organizing, financing and implementing innovative technologies and concepts.

The Guidelines for Technicians summarize some of the most important findings for an efficient and smooth implementation of various measures to introduce alternative vehicle technologies and services to safeguard intermodal and sustainable mobility.

The CO2NeuTrAlp guidelines shall encourage followers to modernize their transport systems and help to overcome multiple organizational and technological hurdles on the way to a long term behavioural change.



Get more information about the project

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