

# NEWSLETTER



EUROPEAN REGIONAL DEVELOPMENT FUND

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## Regional Action Plans for better electric mobility!

Our e-MOTICON partnership is currently working on 5 Regional Action Plans RAPs, which will be implemented in Austria, France, Germany, Italy and Slovenia to help Public Administration across Alpine Space Area in developing interoperable infrastructures for electric vehicles according to a shared transnational strategy! In fact, partners are customizing a unique strategy in documents that respond to specific territory needs and vision. What inside the strategy is defined as short & mid-term target, is translated into ranked actions in the action plan and will eventually lead to a more harmonised mobility system. All the actions included in 5 regional plans are coherent with the EU policies, Alpine Space Area policies such as EUSALP, Alpine Convention, EUROREGIO, and iMonitraf! objectives, and they coordinate and use the Alternative Fuels Infrastructure Directive transposition in the countries. These Action Plans will also support the Public Administration in transportation choices when addressing local and global issue, such as electric mobility options, making people move sustainably, climate change, public health, safety and eco-friendly accessibility to fragile ecosystem areas.

The Regional Action Plans are here to stay even after the e-MOTICON ends, to support the path towards the long-term e-mobility objectives.

For more information  
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## From 5 Regional Action Plans to 3 transnationally shared Pilot Actions!

e-MOTICON partnership has been working on 3 joint pilot actions for the past 2 years to provide a higher service for the user of e-cars improving the e-charging networks throughout the Alpine Space:

- e-HUB;
- e-TRAIL;
- P&L.



Let us show you more details for each of them!

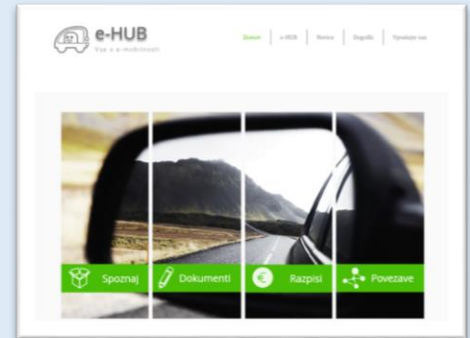
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## Pioneer transnational electric mobility help-desk for the Alpine Space: Welcome to our e-HUB

Province of Brescia, together with seven e-MOTICON partners, set up and successfully tested avant-garde e-mobility help-desk in the Alpine Space: e-HUB. It addresses both public and private sectors and is based on two main instruments: a virtual tool as a web-based platform, and a meeting model for e-mobility stakeholders, Public Administrations and investors. Testing phase resulted in complementarity of tools: nowadays having a web platform as a point of reference to download regulations, documents, to check call for projects and for funding, to search charging spots information and maps is fundamental! Besides another essential element for e-mobility sector is a direct communication channel between Public Authorities and stakeholders where e-mobility promotion, needs and expectations on charging infrastructure planning and investments needs are collected.



e-HUB reflects these crucial elements! Its testing phase ended in September 2018, and following the results achieved, partners will maintain the platform and will continue with the meetings after the project's end. For more info, visit our e-HUB platforms:

- Province of Brescia and Lombardy Region (IT): [http://e-mobility.provincia.brescia.it/en\\_GB/](http://e-mobility.provincia.brescia.it/en_GB/)
- Piedmont Region (IT): <http://www.regione.piemonte.it/trasporti/mobilitaElettrica.htm>
- Soča Valley Development Centre (SI): <https://projektemoticon.wixsite.com/e-moticon>
- BSC, Business Support Center, Ltd, Kranj, Regional Development Agency of Gorenjska (SI): <http://www.bsc-kranj.si/stran/e-hub>
- Economic Service Agency Berchtesgadener Land (DE): <https://www.berchtesgadener-land.de/klimaschutz/emobilitaet>
- Bayern Innovativ Ltd. (DE): [http://www.bayern-innovativ.de/k\\_elektromobilitaet](http://www.bayern-innovativ.de/k_elektromobilitaet)

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## Improving the customer service of e-charging infrastructure in Alpine space within e-TRAIL

In Veneto Region, Italy, Franche-Comté, France, Kärnten, Austria and Gorenjska region, Slovenia partners of the project consortium have been improving the e-charging networks for the past 2 years to provide a higher service for the user of e-cars throughout the Alpine Space.

Users of e-vehicles will have by the end of 2018 the possibility to use newly developed informational platform for e-charging infrastructure with currently 150 e-charging points and showing also points of interest for the area of Veneto region, Italy. The platform, initiated by Veneto Strade S.p.A., is providing also information and data to be used by public authorities for territorial planning. In France in the area of Besançon two e-charging infrastructure networks were newly developed by the initiative of a cluster Pôle Véhicule du Futur, with 34 e-charging stations. In Slovenia, Regional Development Agency of Gorenjska, BSC, Ltd, Kranj initiated a development of one interoperable e-charging network in Gorenjska region, with 10 e-charging stations integrated in the larger informational e-charging platform <https://www.gremonaelektriko.si/>. City of Klagenfurt am Wörthersee created a platform with 1 card for the user integrating 4 modes of transport, bus, bicycle and e-car sharing and e-charging infrastructure, <https://e-moticoncard.familyofpower.com/>. The user needs to register to the platform to get the detailed information about chosen means of transportation. The above-mentioned results were achieved within the project e-MOTICON, supported by ERDF co-financing of Alpine Space programme.

For more information

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## The involvement of companies in the P&L Pilot Region Berchtesgadener Land

Companies have an important role in the deployment of regional Electric Charging Station (e-CS) infrastructure, as potential operators of private and semi-public e-CS, thus the pilot activity P&L in Berchtesgadener Land focused on their involvement. Three companies, including the district administration, participated in this pilot action, which included following activities:

- Installation of data loggers in 23 vehicles for the acquisition of the mobility patterns;
- Development of new energy models of vans and special purpose vehicles;
- Design and realization of an online-survey with the respective companies!

Data Logging and energy modelling led to the identification of the electrification potential of the vehicles in all the fleets, with or without changing the mobility behaviour and to the identification of twelve possible scenarios with different levels of electrification.

Determination of the necessary charging locations per company and the required amount of energy to charge all replaceable vehicles were also obtained. Moreover, the companies that took part to the pilot actions, got also the insight of the employees general mobility behaviour, the information on the attitudes of employees towards e-mobility, and did the inquiry of the feasibility of the installation of e-CS at the residences of employees. The case study highlighted the high electrification potential for commercial fleets. The analysis of the individual mobility pattern are a valuable decision-making tool for fleet operators for the transition to e-mobility. Surveys raise awareness and acceptance of employees towards the technology and make companies know more about their attitude towards e-mobility. The other pilot regions involved in P&L focused on the following activities:

- Charging pattern analysis in Carinthia region;
- Survey for e-charging station planning in the (Auvergne) Rhône-Alpes region;
- Elaboration of a database for optimized E-CS planning in the Veneto region.



Kathrin Eisele (Hochschule Kempten)  
Siegfried Reichenberger (Möbel Reichenberger)

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## e-MOTICON trainings for the Public Administrations

The e-MOTICON training course, which will be available online at the beginning of 2019, focuses on the core results achieved, and has the aim to inform about and to raise the interest of Public Administrations, together with other interested stakeholders in the topic of e-mobility.

The course is divided in units: one unit is dedicated to the parameters for the electric charging infrastructure, with information on plugs, charging velocity, types of costs. Additionally, a section on funding possibilities for e-mobility in each country is included, and another unit focuses on the e-MOTICON strategy and the role of Public Administrations in fostering e-mobility.

In further three units, the outcomes of 3 e-MOTICON pilots are presented, explaining how to determine right number of E-CS, showing how to find the right location for E-CS, and introducing the e-mobility help desk, as well as the best practice examples for involvement of the citizens in the planning and implementation of E-CS.

Last but not least, one unit shows best practices of how e-mobility can be promoted.



**YOU CAN GET TO THE e-MOTICON TRAINING!**

e-MOTICON Networking Platform

<https://www.e-moticon.eu/> → Networking Platform

→ join the user group “Training Course”

e-MOTICON website

<http://www.alpine-space.eu/projects/e-moticon/en/home>

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## News directly from our partners in Italy, Slovenia, France and Germany

### In Italy with Veneto Strade S.p.A.

Veneto Strade S.p.A. is a Public equivalent body mainly owned by Veneto Region that was funded in 2001 in order to be responsible for the construction management and maintenance of almost 2.000 km of regional as well as provincial roads, and thus represents one of the key regional stakeholders related to the transport mobility and infrastructure sector. Its participation to e-MOTICON project represented an opportunity to provide complementary services to users as well as to other Public Authorities that are headed to a more sustainable future of mobility.

According to the comprehensive approach adopted by e-MOTICON, Veneto Strade developed a dedicated web platform that maps available electric charging stations (e-CS), thus including a repository with relevant information and documentations for both citizens and Public Administration that are looking for a deeper knowledge on e-Mobility.

Such platform, also after e-MOTICON's closure, will provide information on several point of interest (POI) that could be useful to support decision makers in developing e-CS network on a territorial basis. Additionally, it will enable the collection of maps and repository with general and specific database in order to be integrated in Public Administrations' planning tools. Consequently, it will be able to suggest to Public Administrations useful advices and hints on how to further develop e-CS according to the different level of planning, policies and features of each single Municipality. In such a way, the piloting experience of Veneto Strade will represent a step forward to the development of e-mobility at regional level, and in general in the whole Alpine Space.

For more information

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### In Germany with B.A.U.M. Consult GmbH

With offices in Munich, Berlin, Hamburg, Stuttgart and Hamm B.A.U.M. Consult GmbH supports enterprises, municipalities, regions and governmental institutions throughout Germany and abroad with consultancy and training on sustainable development, mainly in the fields of smart energy and mobility. As a knowledge management company, B.A.U.M. understands its role as a link between development, production and marketing of sustainable products and services.

B.A.U.M. manages research and development programs and organizes conferences and experience exchange events on behalf of governmental and entrepreneurial organizations. The B.A.U.M. International Department is partner in various EC projects. It helps other companies and local governments in the application process for EC and worldwide funding and with coordinating huge projects. In international projects, scientific studies and regional development B.A.U.M. today concentrates on fostering usage of local renewable energy sources and sustainable mobility patterns. In the e-MOTICON project B.A.U.M. supports the pilot tests P&L and e-TRAIL. It contributes knowhow on setting up solutions for roaming and information systems on the location & availability of e-charging stations. Within the pilot region of Berchtesgadener Land, B.A.U.M. supports analysis and tests with a focus on involving companies. Concerning the overall project results BAUM is responsible for the compilation of the final e-MOTICON guidelines.

For more information

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## In France with The Auvergne-Rhône-Alpes Energy Environment Agency

The Auvergne-Rhône-Alpes Energy Environment Agency is the regional sustainability agency of the Auvergne-Rhône-Alpes region. Created in 1978 with the support of the Regional Council, the agency aims at promoting, co-ordinating and developing programmes and actions in favour of sustainable energies in building and transport sectors, climate change mitigation and adaptation, environment protection and sustainable development.

The agency is also a founding member of FEDARENE, the European Federation of Agencies and Regions for Energy and Environment, and it supports the EU Covenant of Mayors initiative and is signed up to the CoM as supporting regional energy agency.

Auvergne-Rhône-Alpes Énergie Environnement (AURA-EE) has been strongly involved for more than 20 years in European projects about transport: transport plans and school transport plans, awareness about sustainable transport, trainings, alternative fuels, biogas, NGV and electric vehicles.

In the framework of e-MOTICON the aim for AURA-EE is to involve citizens in the setting up of new projects of e-CS (electric charging stations). To this goal, AURA-EE has been working with several energy syndicates (mostly SYANE) and ENEDIS. A questionnaire was sent via email to e-CS users to gather their feedbacks, feelings and needs for the future. The results have shown that if most of the users appreciated their current equipment, most of them would like new solutions to have more interoperability.

For more information

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## In Slovenia with Posoški razvojni center

Posoški Razvojni Center (PRC) was established in 1999 by three municipalities. Our main task is to facilitate development in the region, most notably in the areas of environmental and spatial planning and rural development, business and human resources. In past years, PRC was partner in projects related to low-carbon mobility and energy efficiency.

When e-MOTICON project started, in Slovenia there was no National Strategy on Alternative Fuels. Last year the strategy was adopted and months later also national action plan. In the meantime, PRC prepared regional action plan for development of e-mobility in Goriška region. This document, together with Guidelines for integration of electric charging stations interoperability in local and regional policies, will help municipalities to plan the development of electro mobility as an important part of regional sustainable mobility system. Within pilot action, a Virtual help-desk was established where stakeholders can find information about e-mobility and charging infrastructure.

PRC works also on promoting of e-mobility, one of more notable promotional action was event "Choose your source of energy!" Visitors had not only the opportunity to test different types of e-cars and e-bicycles, but also to get first-hand information about up-sides and down-sides of owning an e-vehicle, about actual prices and possibilities of getting a subsidy or a favourable loan.

Virtual help-desk <https://projektemoticon.wixsite.com/e-moticon>

For more information

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## What have our partners been up to?

### e-MOTICON @ e\_mob2018, September 27, 28, 29

e-MOTICON project was present at 2<sup>nd</sup> successful National Conference of electric mobility, e\_mob 2018 CHARGING TIME, on September 27, 28, 29 in Palazzo Regione Lombardia, Milano, Italy.

The focus of the event was SHARING AND DISSEMINATION - CONDIVISION and DIFFUSION of environmental sustainability = electric mobility, and the spread of the new generation of charging stations and methods, for a development of more sustainable mobility.

On 27<sup>th</sup> the Undersecretary of State at the Ministry of Economic Development Davide Crippa, who confirmed the commitment of the Italian Government to promote policies and actions in support of the e-mobility at national level, visited the e-MOTICON corner at innovation *parterre*, and Region Lombardy informed him on project's objectives, activities and results achieved up to now. E\_mob event has confirmed there is a growing community working on the change necessary for health and the environment, united by the desire to live in cities free from smog and to provide contribution in climate change mitigation.



Filippo Colzi, RSE  
Davide Crippa, Undersecretary of State  
Silvana di Matteo, Lombardy Region

Some data on e\_mob 2018:

- 120 electric cars;
- 2,500 people registered to take part in the three-day debates;
- 107 speakers;
- 10,000 visitors!



### 3-day Project's events: Site Visit, closed meeting and public event, October 17, 18, 19

From Wednesday 17<sup>th</sup> until Friday 19<sup>th</sup> October, e-MOTICON partners had 3 intense working days. They started with the site visit at eMOVE exhibition at Munich Fair, where they promoted the project and collected further data on e-mobility, in particular on charging infrastructure and service, new smart grid technologies and web-based platform for charging spots. The following day they continued working on Regional Action Plans and Pilot Actions as described in this Newsletter's release, during the partner meeting in Bad Reichenhall, while for the last working day partners organized a public event on the future of e-Mobility in the Alpine Space, hosted by the Economic Development Agency Berchtesgadener Land.

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With the active participation of external speakers, stakeholders and wider audience, partners discussed on e-mobility across borders and regions, e-mobility interoperability tackled by e-MOTICON, e-mobility and the electric system. After a shared session, two parallel sessions discussed on ways to foster e-mobility and interoperability, harmonization across borders, joint approaches and integration into a sustainable mobility,



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Cristina Cavicchioli (RSE)  
Dr. Andreas Pfeiffer (E.ON Solutions GmbH)  
Dr. Johann Schwenk (Bayern Innovativ)  
Daniela Zocher (Berchtesgadener Land Wirtschaftsservice GmbH)  
Manuel Münch (Klimaschutzmanager BGL)

regional concepts as part of a bigger strategy and potential cooperation.

All significant results will be available for readers inside e-MOTICON publications that will be released in 2019!

More information will follow in the next Newsletter, so stay tuned!

## SAVE THE DATE IN YOUR AGENDA!

Tuesday 26<sup>th</sup> March 2019 at Region Lombardy premises in Milan, **e-MOTICON final public event** will take place with presentation of impressive results and engaging e-mobility future outlook!  
Partners are working on appealing closure of e-MOTICON project and want you to take part to it. Stay connected to e-MOTICON, more information will be shared with all our stakeholders soon!

### Project Partners



### Privacy update - General protection Regulation (GDPR)

We are updating our mailing list in accordance with the new data protection regulations which come into force on 25 May 2018 in compliance with the e-MOTICON website legal notice (<http://www.alpine-space.eu/projects/e-moticon/en/legal-notice/legal-notice>). Please note that we have never given our list to anyone, marketing operator or other, and that the data in our possession contain only the e-mail box, used only to address updates to you regarding information and news and / or events and invitations. If you want to stay in touch with us and be updated on various initiatives, you do not need to do anything, but if you do not want to receive our information, you can send an e-mail reply simply indicating " NO thanks " in the subject, and your e-mail address will be deleted from our mailing list. We thank you for your understanding and cooperation and we cordially greet you.

### Contacts

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