

NEWSLETTER

January 2015 - n.9

“E-Mobility & Storage” and WP7 Evaluation Workshop,
October 1st, 2014, Brescia, Italy



“E-Mobility & Storage” has been held in Brescia: an event organized by the AlpStore partner ALOT, in collaboration with the other 3 Italian partners involved in the project: Agire, Euroimpresa and the Aosta Valley Region plus a contribution on the core of the project, the connection between storage and e-mobility, performed by BAUM Consult GmbH. The first part of the day has been dedicated to a work-

shop in which industry experts were engaged to give an overview at national and European level on the above mentioned topics in reference to the civil and industrial vehicles. The event has been addressed at companies, public administrations, professionals, active in the supply chain "electric vehicle - charging infrastructure - energy storage technologies", and the main goal has been to provide an overview regarding the situation in Italy and Europe, by mean of the presentation of the four Italian pilots projects which are going on in the Italian cities of Brescia, Mantua, Legnano, Aosta. An evaluation workshop has been held in the afternoon, during which different storage technologies, applied in the 12 AlpStore pilot projects, have been shown, described, discussed by the whole, very interested, audience. This event has been another step forward in the dissemination of the issues carried on by the AlpStore project, related to the storage of renewable energy, an event developed in order to spread knowledge and awareness among experts, professionals and representatives from public administrations and companies. An exhibition of electric cars and vans for city logistic was available for visitors.



ALP STORE



Energy Storage for the Alpine Space



Dear Reader,

welcome to the 9th issue of the AlpStore newsletter with interesting reports about our three last successful events, another pilot implementation, and the upcoming events.

In our previous newsletter we spoke about the 3rd Technical Symposium, in this one we report about the **WP7 Evaluation Workshop**, held in Brescia (IT) on October 1st, organized by our partner ALOT. We also speak about the interesting **Autumn School**, organized by USI-AlaRI (University of Lugano), on October 8th and 9th in Lugano (CH). The third event we want to report is the **Regional Technical Workshop** on storage systems and electric mobility, held on June 27th in the Aosta Valley Region. Moreover we would like to introduce our readers to another pilot action, carried on in Italy by the partner ALOT, the **new pilot action Energy in Motion**. Furthermore the reader can find highlights about the **Final Conference**.

Enjoy reading!

Ludwig Karg
Project Responsible

**SAVE THE DATE!
FINAL CONFERENCE**

**February 26th and 27th, 2015
Aosta Valley
ITALY**

Further information at page 2

Report Autumn School October 8th - 9th, 2014

The AlpStore Autumn School held at ALaRI in Lugano on October 8-9 was an international event presenting speakers from leading European research groups and companies dealing with storage technologies. More than twenty students as well as more than ten professionals attended the two-day event. In addition, a *webinar* session has been created so that an opportunity to follow the event has been given also to those who were not able to participate directly. The organizers are glad that the school reached its main goal of bringing together domain experts, local authorities, businessmen, practitioners and technology providers to discuss not only technical but also commercial and social aspects of a wider energy storage adoption. The school contributed to the aim of spurring development of new scenarios for storage deployment as well as creation of novel business models needed for viable massive utilization of energy storage technologies based on a realistic cost-benefit trade-off.



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Regional Technical Workshop on storage systems and electric mobility, June 27th, Aosta Valley Region, Castle of Bard (IT)

The Ministry of Productive Activities thanks all the participants and the guests of the "Regional Technical Workshop on storage systems and electric mobility". The event has been the opportunity to present the state of the art of storage systems and to trigger an interesting discussion about the many technological, regulatory, and market issues that still are in a development phase in the Italian scenario. More than 70 participants, mainly practitioners from the Aosta Valley and the nearby Regions, took part to the workshop. A side event with an open exposition of electric vehicles and public as well as private recharge points has also been organized for the public.

A new pilot action in Lombardy: *Energy in motion*, Brescia, by ALOT, Agency of East Lombardy for Transport and Logistics

The pilot action developed by ALOT is a study which is focused on the development of an architecture for the network of new e-charging stations combined with renewable energies production and storage in Province of Brescia, Italy. Within the study, two maps have been defined for the optimal location of the recharge stations polarized on the existing renewable energy plants with potential storage infrastructures, to overcome the *range anxiety*. The action has also drawn up a list of key-actions and criticalities of the actual regulatory framework that could be useful for the public administrations when it is deemed to be opportune to develop norms or rules around the new charging infrastructures. *Energy in Motion* project also compares existing business models for the exercise of those stations and it highlights the economic analysis for the management of different charging/storage stations, in order to understand which one is the most sustainable. At last the applied methodology is presented in order to facilitate who would want to do the same study in other areas.

PAST EVENTS

7th Trans. Partners Meeting, November 26th and 27th, 2014, Legnano (IT)

The Transnational Partners Meeting has been held in Tecnocity, Legnano. The event was addressed to share among partners the state of progress of each WP on the technical and administrative aspects. A meeting with the public authorities of Legnano was also scheduled, thanks to the host Euroimpresa Legnano.

Pilot Alsace Auto 2.0 @MOBILIS, December 2nd, 2014, Strasbourg (FR)

The AlpStore pilot project *Alsace Auto 2.0* has been presented at Mobilis Conference, an event organized by Pôle Véhicule du Futur. Our project partner Freshmile, represented by Arnaud Mora, presented AlpStore in the workshop "What innovative business models for E-mobility services?". Mr. Mora explained the the business models on electric mobility, linked to electric storage. The audience was made of professionals from the automotive industry.

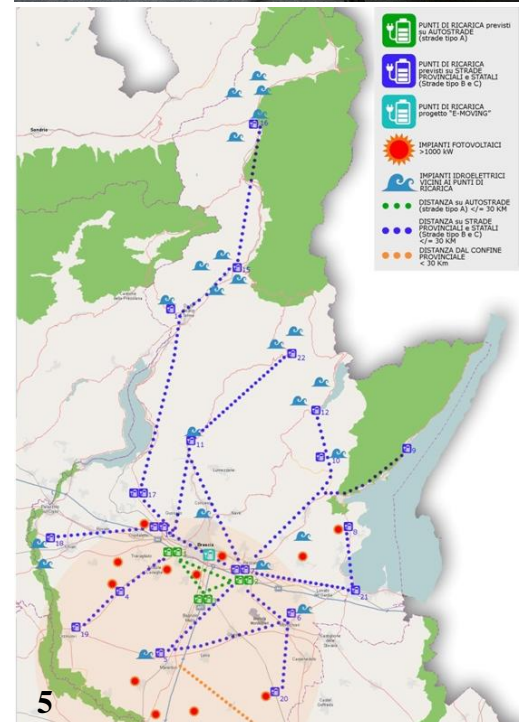
SAVE THE DATE! Final Conference, February 26th - 27th, 2015, Aosta Valley

The AlpStore final event will be held in the Aosta Valley Region, Italy. On the first day the final conference will present the ultimate findings of the project and will give guidance to policy makers, energy utilities, investors and practitioners. A market place presenting the AlpStore pilot actions will be organized to freely discuss the experience gained from actual applications of storage solutions. There will be a glance at the future with introduction of the essentials of new Alpine Space Programme 2014+; an opportunity to network and to discuss project ideas. Participants are expected from the entire Alpine Space. On the second day a regional study trip open to the public will be arranged to present the Aosta pilot project and other initiatives in the energy storage field. The event is organized by the Regional Ministry of Productive Activities, Energy and Labour Policies of the Aosta Valley Region.

ALPSTORE



Energy Storage for the Alpine Space



Mobilis 2014

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Project partners in these activities are:

Euroimpresa s.c.r.l. (EU-IMP) - www.euroimpresa.it

University of Lugano, Advanced Learning Research Institute (USI-AlaRI) - www.alari.ch

Agency of East Lombardy for Transport and Logistics (ALOT) - www.alot.it

Autonomous Region of Valle d'Aosta (AOSTA) www.regione.vda.it

Freshmile (FRESH) - www.freshmile.com

REFERENCES OF THE PICTURES:

1. The audience attending the event E-Mobility & Storage, Brescia, Italy
2. One of the electric vehicles shown at the exposition of E-Mobility & Storage
3. The participants at Autumn School, Lugano, Switzerland
4. The meeting in the castle of Bard (AO),
5. Energy in motion: one of the charts developed within the study carried on by ALOT, Italy