

**INTERREG Alpine Space**

**“e-mobility SMART grid for passengers and last mile freight  
transports in the Alpine Space – e-SMART”**

**Best Practice: ECOSISTEMA MOBILITÀ  
SOSTENIBILE**

**June 2021**

## Best Practice

1. General Information		
Title of the practice	ecoMOBS – ECOSISTEMA MOBILITÀ SOSTENIBILE	
Please select the project acronym		
Specific objective	An ecosystem to support regional sustainable mobility planning	
Main institution involved	Lombardy Region	
Location of the practice	Country	Italy
	Region/City	Lombardy

2. Detailed Description	
Detailed information on the practice	<p>ecoMOBS - Ecosystem for sustainable mobility is a decision support tool of the Lombardy Region, necessary for effective planning and programming actions for the development of sustainable mobility. Many data, coming from different sources, are needed for a good planning. It is crucial to acquire certified, correct and always up-to-date data directly from the producer/holder of the data, to carry out robust territorial analyses, necessary to plan the completion of the infrastructure development in the area.</p> <p>ecoMOBS presents</p> <ul style="list-style-type: none"> <li>• a VIEWER cartographic module - with restricted access to public administrations- allows to view and query information on the electric charging infrastructure and other territorial data, useful for planning . The data from the charging points are certified by the operators via API E015 with the aim of verifying the location and characteristics of the charging points.</li> <li>• a management module that allows the calculation of summary indicators of sustainable mobility (now electric) at the municipal, provincial and regional level, enhancing the data exposed by the providers through API E015</li> </ul> <p>ecoMOBS emphasizes the potential of data sharing, via API E015: a subject exposes and shares their data via API (programming interface that allows interaction between different systems) on E015,</p>

	<p><i>and other public / private subjects can use in its own applications the information displayed. In this way, digital relationships are created between subjects interested in enhancing their digital heritage by sharing it or enriching the software solutions for their users with the functions and information shared by the other participants.</i></p> <p><i>The tool allows the regional and local policy makers to identify priorities for field of actions to support sustainable mobility (eg.: financial support to infrastructure to get a good territorial coverage, along strategic routes, etc.)</i></p>
<b>Resources needed</b>	Lombardy Region funded ecoMOBS with internal funds intended to support sustainable mobility.
<b>Timescale (start/end date)</b>	2021 – ongoing
<b>Evidence of success (results achieved)</b>	<i>The sustainable mobility ecosystem ecoMOBS is widely used by regional policy makers in Lombardy Region to access to data, updated in real time, relating to the infrastructure for recharging electric vehicles in the Lombardy Region. ecoMOBS is intended to be extended for other alternative fuels. It represents a national good practice for the development of the National Platform for electromobility (PUN).</i>
<b>Difficulties encountered/ lessons learned</b>	<p><i>The main difficulties encountered are related to the lack of will of the operators to share data, in a framework with no legal obligations. A specific agreement with operators is needed in order to assure data protection and storage of only indicators – no row data are stored. In order to overcome this difficulty. Lombardy Region, in coherence with the regional laws framework, includes in the financing calls for columns dedicated to the electric charging of vehicles, the obligation to share a specific dataset from each charging point supported by regional funding, through the publication of API E015, then integrated into ecoMOBS.</i></p> <p><i>The main lesson learned is about the relevance of a clear framework supported by the public administration that allow a double-win solution.</i></p>
<b>Potential for learning or transfer</b>	ecoMOBS represents a good practice related to the e-SMART project because it recalls the ecosystem approach developed in the project, and represents an operative ICT tool that supports policy

	making. Moreover, it operates on the main issues (e-mobility infrastructure and energy). Contacts among Lombardy and Po Basin Regions (Piedmont-ITC1-, Aosta Valley-ITC2-, Emilia Romagna-ITH5-, Veneto -ITH3-, Friuli Venezia Giulia-ITH4) for the extension of the use of the tool are in agenda. Some contacts with national policy makers on mobility and energy issues are also ongoing.
<b>Further information</b>	<a href="https://www.ecomobs.servizirl.it/ecomobs/home">https://www.ecomobs.servizirl.it/ecomobs/home</a> <a href="https://www.e015.regione.lombardia.it/">https://www.e015.regione.lombardia.it/</a>
<b>Contact details</b>	
<b>Name</b>	
<b>Organisation</b>	Lombardy Region
<b>Email</b>	