

INTERREG Alpine Space

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

Best Practice

September 2021

Best Practice

1. General Information		
Title of the practice	<i>Public tender for electric buses purchasing</i>	
Please select the project acronym		
Specific objective	<i>Renew of LPT urban fleet</i>	
Main institution involved		
Location of the practice	Country	<i>Italy</i>
	Region/City	<i>Piemonte</i>

2. Detailed Description	
Detailed information on the practice	<ul style="list-style-type: none"> • <i>The practice aims to give suggestions and best practice to edit tender documents for purchasing electric buses and charging infrastructures, for small transport companies or other ones without experience in running electric buses fleet.</i> • <i>In this a larger and easier spread of electric buses tender procedure could be reached.</i> • <i>The practice reach its objectives when a Public Company use the documents to launch a tender procurement and complete the procedure to purchase and start operations with electric buses substituting combustion engine vehicles.</i> • <i>It's implemented by sharing instructions for tender documents editing and to run the tender procedure.</i> <p><i>Stakeholders and beneficiaries could be Transport Companies, Public Authorities, Electric buses manufacturers.</i></p>
Resources needed	<p><i>Funding for buses purchasing could be estimated in 500.000 Euros per vehicle. A specific amount for charging infrastructure, depending on chosen solution.</i></p> <p><i>The tender documents need to be prepared by a technicians / lawyers team and the tender procedure need to be managed</i></p>
Timescale (start/end date)	<i>June 2012 – May 2014/ongoing 8 months starting to procedure launch to the ending</i>
Evidence of success (results achieved)	<i>The practice is considered as good because reduce obstacles to electric buses purchasing, to spread the electric vehicles culture, to</i>

	<p><i>optimize and standardize technical choice about electric transport system.</i></p> <p><i>The success stays in number and successful tender procedures come to end with positive results.</i></p>
Potential for learning or transfer	<p><i>This practice could give information to Companies without any experience on electric transport so to suggest best and possibly standardized technical choices. To prevent problems for the electrification projects and incorrect prescriptions. The practice could become a scheme applicable, with a correct scale factor, to any project or situation so to help electrification projects widespread</i></p>
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Expert opinion	<p><i>This type of technical document saves money during the preparation of the public tender and ensures a standard in the area.</i></p> <p><i>In addition, the choice of having included a full service has put us safe from criticalities due to an innovative technological solution that has never been tested in our territory on a large scale.</i></p>