


<b>MERCEDES MELLA ARGUEREY</b>	
INOVA LABS	
BUSINESS LINE MANAGER	
<p>Chemical Engineer and Master degree in Energy and Sustainability, with various years of experience in the preparation and execution of R&amp;D projects and studies in the fields of pollutant emissions reduction in port areas and alternative fuels for maritime transport. She has also participated in the design, coordination and dynamization of collaborative sectorial processes.</p> <p>At Inova Labs, she oversees Clean Energy services for Spanish ports.</p>	
<p><b>STUDY “MEASURES FOR THE PROVISION OF ELECTRICITY TO SHIPS IN SPANISH PORTS OF GENERAL INTEREST”</b></p>	
<p>Study executed by Inova Labs for <i>Puertos del Estado (Spanish Port Authority)</i> in 2016, which aims to initiate a process of reflection and discussion on the future of the use of electricity as an energy source for the onboard needs during the time that vessels are docked (OPS - Onshore Power Supply). Within this study, the next points have been addressed:</p> <ul style="list-style-type: none"> <li>• The best locations to implement this type of facilities have been estimated.</li> <li>• Eleven Business Cases have been developed for the corresponding Port Authorities, in order to evaluate the technical and economic feasibility of each implementation. Among other aspects, the electrical configuration of each port, the potential client vessels and the operational expenses have been considered.</li> <li>• Definition of the current barriers that hinder the implementation of OPS technologies.</li> <li>• Finally, different measures have been proposed to overcome these barriers.</li> </ul>	