



SEARCH FOR PARTNER / PROJECT PROPOSAL

Contact Information	
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Working languages	Catalan, Spanish and English
Description of the City/Region/Territory:	<p>Granollers City Council is the local administration of the Granollers municipality. The city covers 14.89 km² with 60,104 inhabitants. It is a medium sized city comprising the second metropolitan crown and is located approximately 30 km from Barcelona, surrounded by an extensive road communications network. In 1999, Granollers municipality approved the Local 21 Agenda. Granollers City Council is a founder member of the Spanish Network of Cities for Climate, and was one of the first cities in the Barcelona province to sign the Covenant of Mayors in 2008. In July 2009, the city approved its Sustainable Energy Action Plan (2009-2020) to achieve European objectives for 2020. In 2014, the Mayor of Granollers signed up to the Mayors Adapt initiative within the framework of the Covenant of Mayors.</p> <p>Granollers is in the group of the 10th Spanish cities with more % of employees in the industrial sector, and the second in Catalan region. In Granollers there exists 7 industrial parks with a total industrial useful surface of 1,634 km² with more than 650 economic activities installed. In terms of energy, in the framework of SEPA action plan it is assumed that the industrial activities are responsible of the 47% of the energy consume in Granollers (around 650GWh/year).</p> <p>It is important to mention that Granollers Mercat, the economic promotion area of the city is working on the</p>



	<p>field of energy in industrial companies since 2015. One of the projects is called EcoCongost that aims to install an industrial heat network to provide steam to the industries placed in Congost Industrial park.</p>
<p>European experience and previous projects</p>	<p>Granollers municipality has been participating in different European projects, most of them in LIFE and INTERREG calls.</p> <p>Related with energy topics and environmental aspects the Compose project and the Green partnership project are the most relevant.</p> <p>Actually, Granollers municipality are working in Thermos project, the first H2020 project related with district heating networks.</p>

Project proposal details	
<p>Project Title</p>	<p>Energy exchange in industrial parks.</p>
<p>Brief description (Main issues, problems to be solved, needs)</p>	<p>Most of the companies placed in the industrial parks of Granollers are SMEs and micro companies and most of them could not achieve competitive useful energy cost because of different aspects such as: primary energy costs, efficiency of internal energy system (boilers, etc) or the energy use profile.</p> <p>Those aspects area also barriers to implement energy efficiency and renewable energy in the industrial activities.</p> <p>At the same time, the cooperation culture between the industries placed in industrial parks is not promoted and the benefits of the cooperation should be explained and proved.</p> <p>Finally, the companies, due to their production profiles, have a large number of infrastructures and machineries that are not being used (not needed) for large periods of time. Because of that, those machineries or infrastructures do not receive the proper maintenance and their energy efficiency is not a priority.</p> <p>The project aims to focus on the creation of the cooperation culture between the industries and prove the benefits of this cooperation by one or two pilots: Heat exchange between two large companies and/or centralized solar thermal to provide energy to several industries and/or solar photovoltaic system to provide energy between industries and/or machinery exchange to increase energy efficiency (forklift trucks...)</p>
<p>Specific objectives of the project</p>	<p>Reduction of the GHG emissions and the particle pollutants in Granollers municipality.</p>



	<p>Promote the renewable energy generation. Reduce the fossil energy consumption. Contribute to sustainable city brand. Increase the capacity to attract new companies in Granollers industrial areas. Increase the economic and environmental competitiveness of the companies placed in the industrial areas. Increase the retention of the companies' places in the industrial areas. Create a collaborative (symbiotic) environment in the use of energy resources. Promote concepts and benefits of industrial symbiosis and maximize the use of local resources.. Ensure working places in the actual companies Increase the occupation thanks to the implementation of new companies and to the improvement of the competitiveness of the actual once. Direct occupation in the implementation, management and maintenance of the infrastructures related with the project. Awareness and training in industrial symbiosis.</p>
Desired partner profile (country, activity/sector, experience)	<p>Countries with large experience on industrial park promotion such as Denmark, Netherlands, Germany, or Norway. Partners with experience on industrial symbiosis in the energy vector,</p>
Programme/calls to be submitted to	H2020: LC-SC3-EE-6-2018-2019-2020 Business case for industrial waste heat/cold recovery
Deadline of the call of proposals	3 rd of septembre 2019
Deadline of manifestation of interest	