

Urban Agenda Energy Transition Partnership - Mapping Questionnaire

February 9, 2018

Project or Programme	Description and comments
<p>Give the name and a brief description of the Project/Programme. Please also include which city or country it is in.</p>	<p>Navarra nZEB Social Housing.</p> <p>Construction of 524 energy efficient social (nearly Zero Energy Buildings) housing units in Navarra, Spain.</p> <p>The Project is located in urban developed areas. At construction stage, the project implementation may lead to increased noise and vibration levels, and may impact groundwater and air quality.</p> <p>Adequate mitigation measures will be implemented together with the enforcement of good construction practices. The Project's impact at construction stage will be temporary and reversible, at a level which is deemed acceptable.</p> <p>Expected energy savings are estimated at 2,298.3 MWh/y of primary energy (a 75% reduction versus the baseline), corresponding to 748.8 ton/y CO2 savings once the project is completed. The project will create an estimated 700 person-years of employment during the 4-year period of implementation.</p>
<p>Which Energy Transition Objectives does it contribute to?</p>	<ul style="list-style-type: none"> • Affordable, Equitable and Fair. This kind of efficient social housing units reduce the energy consumption, and its costs, a 75% versus the standard buildings, so, it reduce the energy poverty.
<p>Which Energy System element(s) does it contribute to and how?</p>	<ul style="list-style-type: none"> • Energy Consumption and Consumers. In Navarra, 40% of the total energy is consumed in buildings. Cutting the consumption of energy in housing, the energy needs of our region are considerably reduced.
<p>Why was it developed and how? What policies, programmes or support mechanisms were used?</p>	<p>The Energy Plan of Navarra 2030, among its course of action, promotes the fostering of buildings with zero emissions.</p>
<p>What financing mechanisms were/are being used to deliver it?</p>	<p>The construction is financed by a EIB loan, a grant of the Government of Navarra, and own capital of NASUVINSA (a public company).</p>
<p>Is it replicable and if so how?</p>	<p>Yes. In fact, EIB is very interested in the construction of this kind of building in Europe.</p>