





POSITIVE ENERGY DISTRICTS

Exploring the role of educational buildings

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<p>Positive Energy Districts</p>	<p>As the Strategic Energy Technology Plan for Europe (SET Plan) foresees 100 urban districts to go beyond climate-neutrality advancing to becoming energy positive by 2025. The European Union has established several supportive organisation or programmes, in order to establish positive energy districts</p>
<p>Challenges for Positive Energy Districts</p>	<ul style="list-style-type: none">  <p>Technological challenges: establishing demand-based renewable energy based configuration systems</p>  <p>Social Challenges: establishing a level of energy literacy, which allows for stakeholder interaction, citizen's involvement and capacity building</p>  <p>Legal Challenges: regulatory mechanisms need to be anchored in legal frameworks</p>  <p>Financial Challenges: lack of funding mechanisms to overcome, need of fiscal deduction, soft loans and access to subsidies or incentives</p>
<p>Success Story: Educational Buildings</p>	<p>Educational buildings hold a significant position in Positive Energy Districts as they are able to reduce energy consumption and emissions, by producing renewable energy and provide an example for sustainable development.</p> <p>Furthermore, educational buildings provide communal space for energy education and outreach, by training future energy professionals and supporting research and development.</p>

