

Urban Geothermal Energy and Positive Energy

Buildings

residential building, illustrating their effectiveness in an urban environment. The goal is to develop the concept of a frastive Creary Duilding, integrating geothermal energy, that pump sectimology, solar prever and freet, and the ANAC system. The concept aims at the Invest possible ecological footprint in energy solutions for buildings.



in the intrinsed project, the business concept and technology are described to be considered to the chosen and deploy in cold climate regions in Britanii and globally. The annual energy consumption of the Pasitive Chergy Building (PEB) is equal to or smaller than the building's energy semention.

## Helsinki Energy Cooperative

**United States** 

The Helsinki Energy Cooperative in Finland uses geoThermal Cooling System heat pumps to provide heating and cooling to residential and commercial buildings, reducing greenhouse gas emissions and improving energy efficiency.

Affordable and Clean

Sustainable Cities a



