

Geblergasse is a project area characterised by dense building development dating back to the late 19th century; it is primarily residential and is located in Vienna's 17th district. For the redevelopment and redensification of this area the focus was on testing a multi-property sustainable energy supply, as well as innovative mobility ...

VANCOUVER - An affordable rental housing pilot project is underway in Vancouver that will help BC Housing evaluate innovative building materials and designs aimed at tackling affordability, inclusion and climate change. The project, called Vienna House, is in the initial design phase. It will be proposed as a six-storey building with approximatel...

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Speichertechnologien, wie im Projekt ATES Vienna, liefern hierfür einen wichtigen Baustein. Sie ermöglichen die saisonale Speicherung von Wärme aus beispielsweise Abwärme oder Überschussenergie. Durch die Nutzung von ...

More than 330,000 households in Vienna and more than 5,600 major consumers are supplied with heat for space heating and hot water via the Vienna district heating network. The City of ...

Vienna House Innovative Affordable Demonstration Project Workshop No. 1 2 PROJECT CONTEXTSECTION TITE Project Context The project is located at 2009 - 2037 Stainsbury Avenue (at the intersection with Victoria Drive)

In the lead project "Underground Sun Storage 2030" (USS 2030), the safe, seasonal and large-scale storage of renewable energy in the form of hydrogen in underground gas reservoirs is being developed. In addition, all partners ...

Currently only a few storage technologies take advantage of the synergies of combined thermal and electrical energy storage. In the project SyndETES a transient open water-steam cycle is proposed as a system that exploits these synergies. Starting point is the Carnot-battery concept, which stores electrical energy as thermal exergy. In SyndETES this concept is further evolved. ...

This project aims to integrate sustainable solar and geothermal systems, establishing a decentralised low-temperature heat energy network within a block of buildings. According to European Commission figures, around 75 per cent of European buildings waste much of their energy.

This pivotal event brings together key players in the renewable energy sector to forge partnerships and explore Huawei's latest innovations in smart photovoltaic (PV) and ...

This report has been produced as part of the project "Facilitating energy storage to allow high penetration of intermittent renewable energy", stoRE. The logos of the partners cooperating in this project are shown below and more information about them and the project is available on Final Version, Updated March 2012 The work for this report has been ...

Integrating aquifer thermal energy storage into district heating networks to achieve complete decarbonisation. Particularly in urban areas, where little space is available on the surface, this storage solution is especially suited due to its limited space requirements.

Storage technologies, such as the ATES Vienna project, are an important part of this. They make it possible to seasonally store energy, for example, from waste heat sources or excess energy. Through the leveraging of synergies with other projects in the model region over the course of the project, the intention is to develop a guideline for tapping and exploiting the potential of this ...

The ATES Vienna project addresses the integration of aquifer thermal energy storages into district heating networks with the aim of designing the first pilot ATES project in Austria. In addition, an identification and characterisation of existing resources, their economic evaluation and the development of adequate regulatory framework ...

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