



CASE
STUDY

Case Study



Clean Energy

Linz, Austria - Solar City Pichling

Linz is situated on the Danube in central Austria, influenced by continental and oceanic climate. Linz municipality counts approximately 200,000 inhabitants. The Linz Pichling Solar City is a new development of a total of 1,317 homes and apartments, south west of the city beyond the Voest Alpine plant. In 1994 the city council of Linz and four social housing associations teamed up and confirmed their intention to fund the planning and construction of a new neighborhood consisting at low energy standard in Linz-Pichling. Later further 8 housing associations joined for the construction of apartments. Besides housing projects there were also projects for social infrastructure (e.g. school building, kindergarten). The main criteria for sustainability have a focus on low-energy standard (max. 44 kWh/ (m²a)), and use of solar energy (passive and active, for District Heating and Warm Water and also for electricity generation), public transport and other measures promoting walking. A connection to the district heating system of the City of Linz is also planned. The main focus of solar City Pichling was the integration of solar energy in the architecture of social housing projects. Energy criteria were not the main focus of the projects (at this time 'passive house' standard was at the beginning of its conceptual development).

Solar City Pichling, Linz, Austria



Source: http://www.annex51.org/media/content/files/casestudies/subtaskA/SubA_report_120405.pdf

References

<https://www.linz.at/english/life/3199.asp>

<https://www.linz.at/english/life/3195.asp>

<https://www.designbuild-network.com/projects/zero-mountain/>

Credentials

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