

Pekela

1. Background

Pekela is a small municipality located in the northeast of the Netherlands in the province of Groningen. In 2021, it had 12,176 inhabitants (CBS, 2022a). In 2021, Pekela had 5,782 housing units, of which owner-occupied homes constituted about 63%, and rental properties 37%. Housing associations owned 69% of residential rental properties and private landlords owned the remaining 31% (CBS, 2022b). In terms of the age of the housing stock, 26% of the dwellings were built prior to 1945; 8% after 2005. In terms of the housing type, 88% were single-family homes, 12% multi-family homes (CBS, 2022c).

In 2021, 95% of homes in Pekela had an individual natural gas boiler, 2% electricity (there is no data on the rest of the 3% of homes). There were no homes heated through district heating (CBS, 2022d).

2. Heat transition vision

2.1. Vision development and stakeholder engagement

According to the Climate Agreement, each municipality in the Netherlands must develop a heat transition vision outlining a strategy for making 20% of all homes in the municipality sustainable by 2030. The municipality of Pekela developed a draft heat transition vision but has not yet finalised the vision (as of November 2022) (ECW, 2022). To develop the vision, the municipality hired external consultants. Consultants at *Witteveen+Bos* have examined the technological feasibility and associated costs. The draft vision outlines a strategy for making 20% of all homes in the municipality sustainable by 2030. The municipality of Pekela developed a draft heat transition vision but has not yet finalised the vision (as of November 2022) (ECW, 2022). To develop the vision, the municipality hired external consultants. Consultants at *Witteveen+Bos* have examined the technological feasibility and associated costs.

The residents can also apply for low-

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