

Aardehuizen

Aim: *Enable a self-sufficient lifestyle that encompasses all aspects of sustainability*



Stakeholders involved in the project

Aardehuizen is a community of 23 homes driven by the engagement of citizens. Strong collaboration of the local energy community with other stakeholders including the municipality and regional experts made the project feasible.

Financial streams for financing the project

The neighbourhood is built with the help of the residents and over 1,000 volunteers. The project has been implemented in cooperation with the Transition Deventer (a citizen-led organisation focused on energy transition), the municipality, and regional experts to create a way of living “in harmony with nature”.



Technologies used in the project

Aardehuizen is a residential area of 23 earth houses that are not connected to sewage, gas and water (being granted exemption from the national regulation). The houses are heated via passive solar heat (large windows on the south), solar collectors, wood stoves and heat pumps. Aardehuizen is connected to the electricity grid, but are largely self-sufficient thanks to solar panels.

Project achievements

Since its inception, the project has created different values for the community: it has opened its bulk buying of solar panels to the citizens of Olst, created construction jobs, supported the formation of a collective of eco-carpenters, and organised many informational and skills-building events.



To learn more:

<https://www.aardehuis.nl>

<https://smart-beejs.eu/>