

3 (4!) sustainable demohouses

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Partners Groningen





Gemeente Groningen



Rijksuniversiteit Groningen



Sustainable Buildings



TNO



Waarborg Vastgoed



Grunneger Power i.s.m.













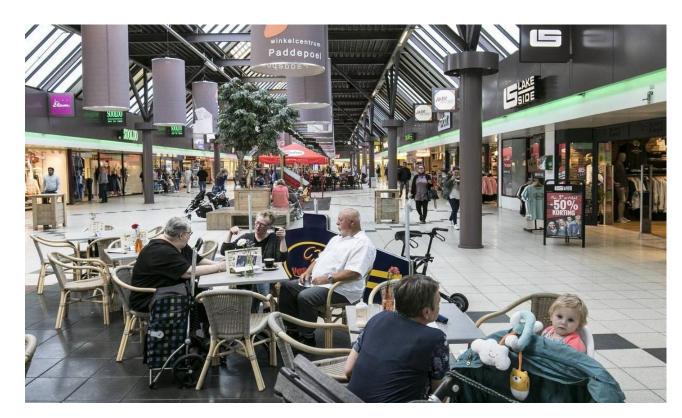
Paddepoel Energiek Paddepoel Energiek

Paddepoel: residential area from the sixties





Paddepoels heart: the shopping mall





2018 Call for demo house participants

- •local newspaper, local canals
- local energy community
- neighbourhood WhatsApp groups





3 sustainable demohouses: living lab









Neptunusstraat (1971)

- searching for space
- innovative heat system
- simulating heat grid connection
- sombined with pv









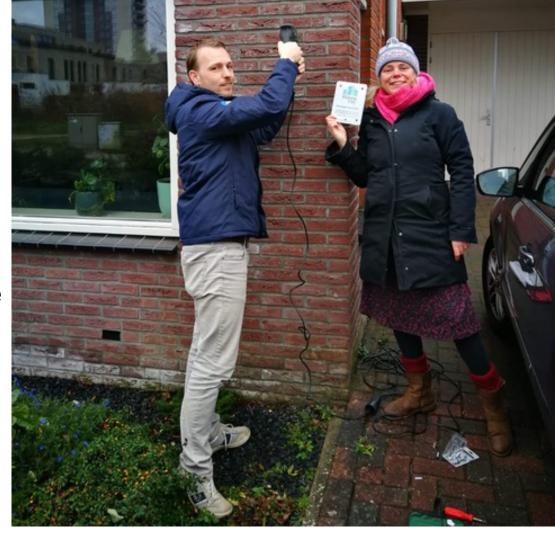
Energy coaching: helping homeowners to make the right choices





MAKING-CITY Project leader Jasper Tonen and project secretary Elisabeth Koops marking the start of the first demohouse installations





Demohouse owner Marieke telling her story



Demohouse 4 (1966)

Social housing area ca. 300 houses, 10 private owners Barriers:

lack of money, lack of trust in municipality and institutions, personal circumstances (age, divorce, illness, complexity)





Shifting the perspective: what's in it for the citizens Unified citizen engagement model + tools

- combines the perspectives of several stakeholders into one model
- based on several existing models on citizen engagement (including those of Grunneger Power and the municipality of Groningen)
- as well as citizen social research in various neighbourhoods in Groningen
- currently being developed by TNO and HUAS



Life is what happens while we're busy making city plans



