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Why fix what is not broken? Determinants of energy retrofits in housing companies

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Digitally mediated energy communities (DigiDecarbon) in a nutshell

- Is there a case for energy communities in Finland?
- Energy communities approached from three perspectives:
 - ✓ Citizen activities
 - ✓ New business models
 - ✓ Policy implementation

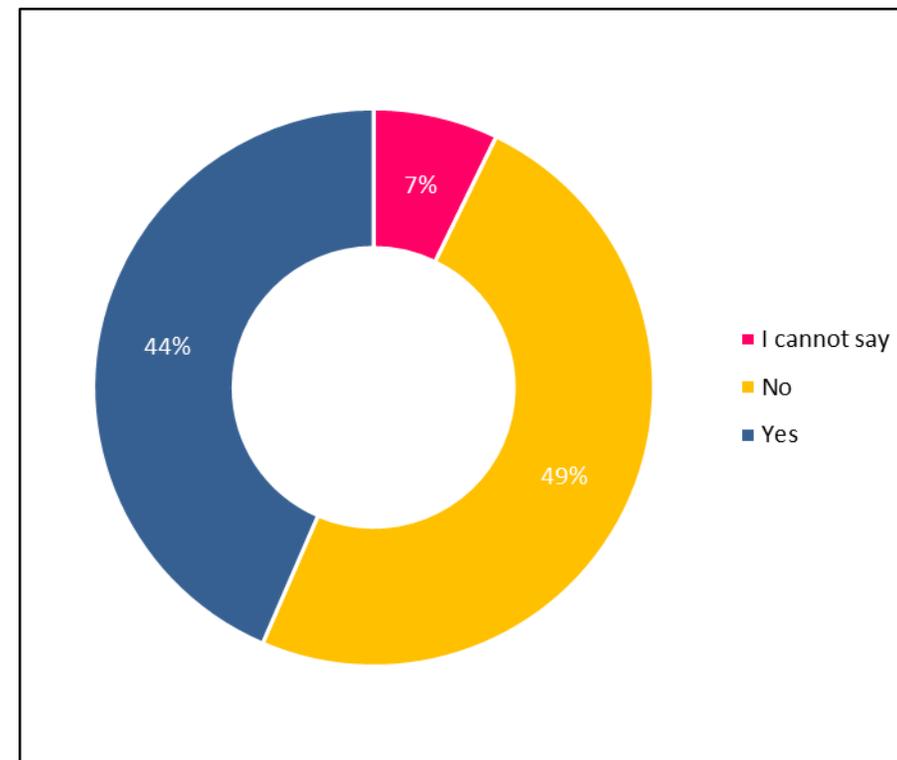




Lessons from a survey: Housing companies as an emerging form of energy community?

Energy retrofits in housing companies

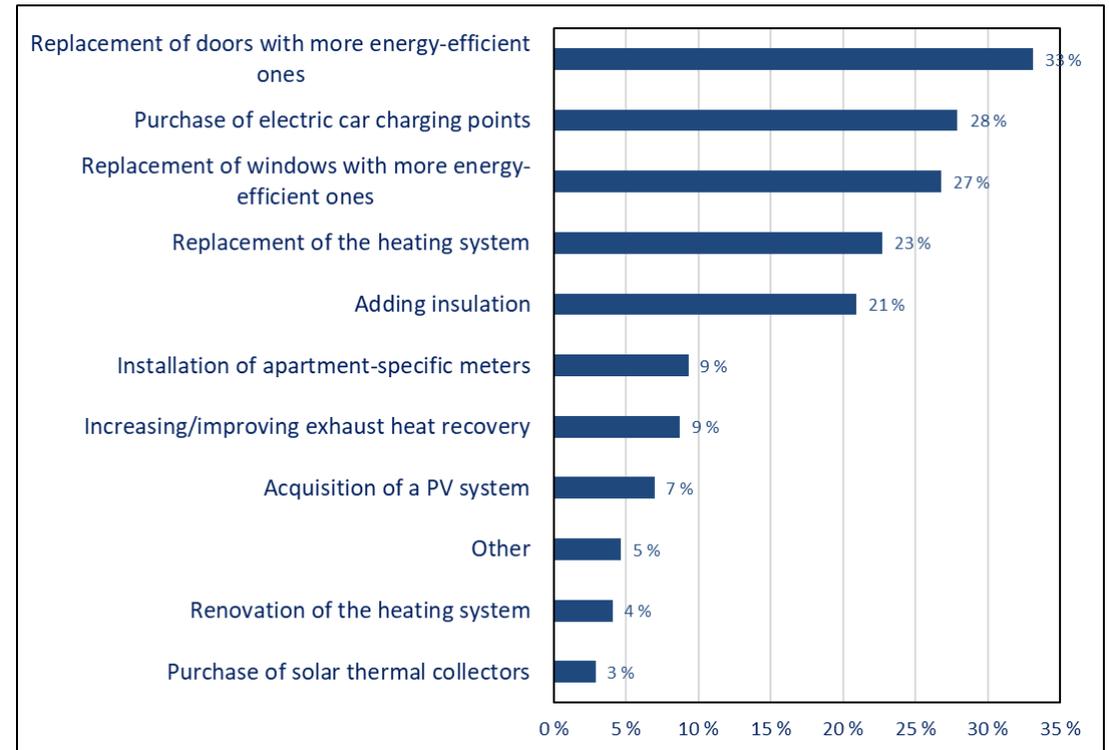
- Almost half of the owner-occupants (44 %) responded that their housing company had implemented an energy retrofit in the past 5 years.
 - 32 % stated future energy retrofit plans.
 - 35 % of housing companies can be considered 'inactive'** – no completed retrofits or plans of future retrofits.



‘Has your housing company implemented an energy retrofit or retrofits in the past 5 years or is it currently being implemented?’

Retrofit types

- Majority of energy actions were **low-key maintenance**.
- Only 13 % of the housing companies had carried out **'deep energy retrofits'**.
- **The respondents were satisfied with the retrofits:**
 - 74 % reported that the energy retrofit had been successful
 - 64 % that it had stayed well on schedule
 - 58 % that the implementation met financial goals well.



The retrofits implemented in the latest or in the most significant project

Three policy relevant messages to take home

- 1) About **every third housing company is inactive** regarding energy planning.
- 2) There is an identifiable group of housing companies that can be **considered as energy communities**.
- 3) More broadly, there is **growing interest towards energy action** in housing companies. This should be leveraged.





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Thank you!

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