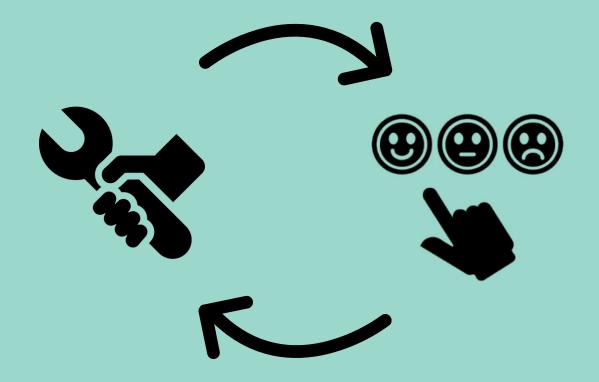
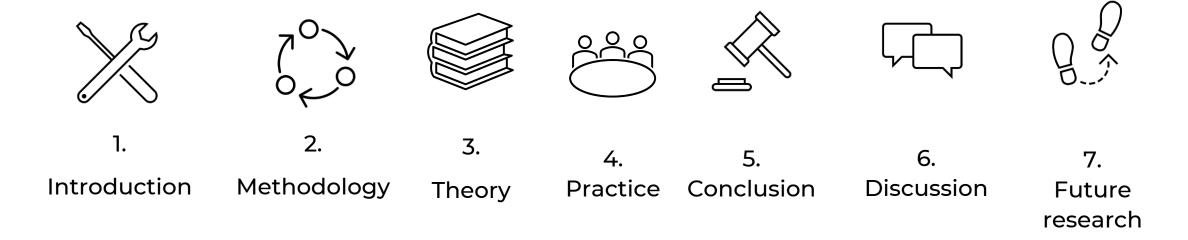
The repair maintenance cycle





CONTENT



Introduction

- o Problem statement
- o Research goal
- o Research question(s)
- o Conceptual model

REPAIR MAINTENANCE









REPAIR MAINTENANCE

Maintenance at housing associations

Planned maintenance

- o Or preventive maintenance
- Periodically per complex

Mutation maintenance

 When house becomes available before tenant move into house

Repair or reactive maintenance

- Contact with tenant
- o Response to complaints tenant

Service maintenance

- o Pay fee
- Combination of planned and repair maintenance

PROBLEM STATEMENT



RESEARCH GOAL

Main goal:

Investigate what contributes to tenant satisfaction and how this can be improved in repair maintenance

Output:

Recommendations housing associations can implement in repair maintenance and maximize tenant satisfaction

Goal of output:

Contribute to improving repair maintenance at housing associations

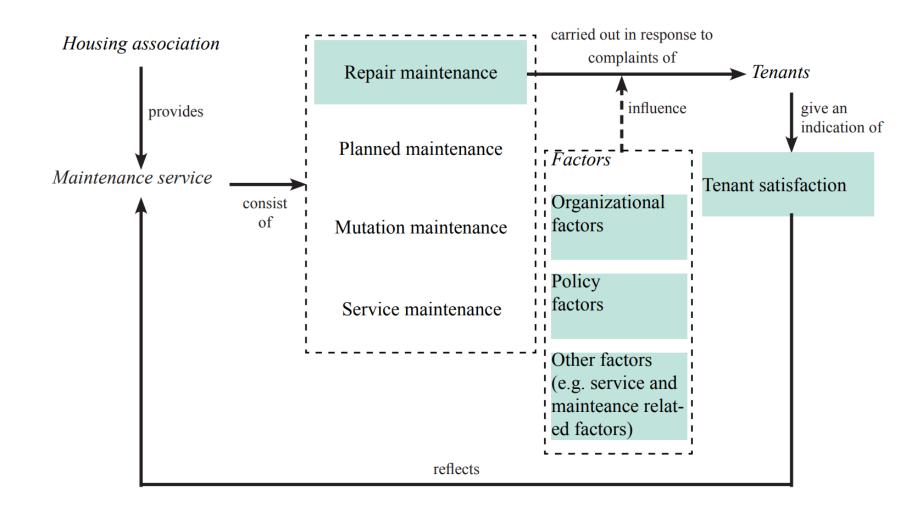
RESEARCH QUESTION(S)

Main research question:

What contributes to tenant satisfaction at housing associations in the field of repair maintenance and how can this be improved?

- 1. What is tenant satisfaction and repair maintenance?
- 2. Which factors contribute to tenant satisfaction regarding repair maintenance?
- 3. What is the role of the organization of a housing association on repair maintenance and tenant satisfaction?
- 4. What role does the policy have on repair maintenance and tenant satisfaction?
- 5. Which recommendations can be given to maximize tenant satisfaction regarding repair maintenance?

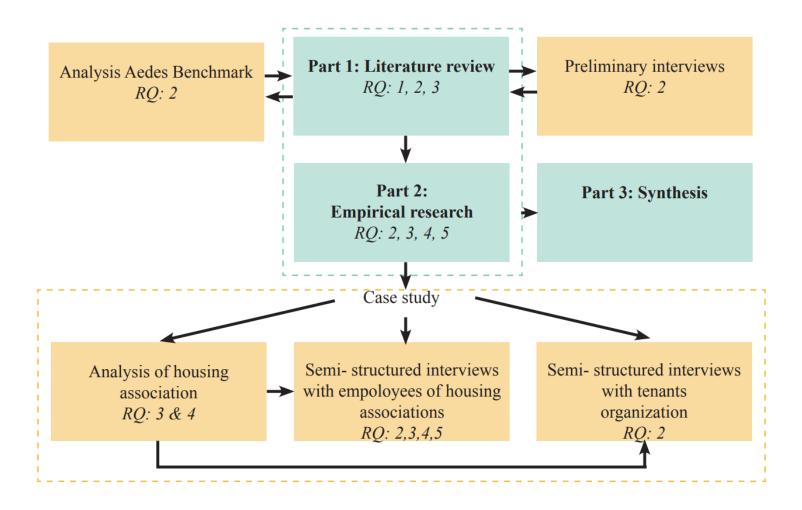
CONCEPTUAL MODEL



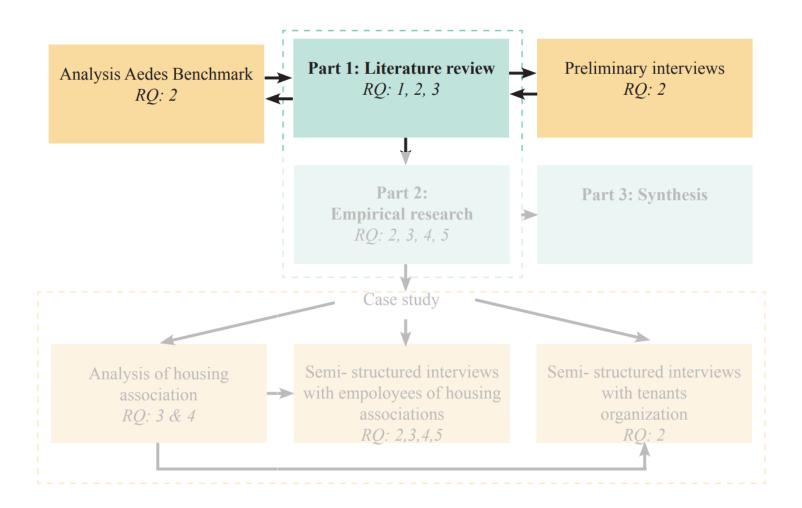
Methodology

- o Research methods
- o Research process

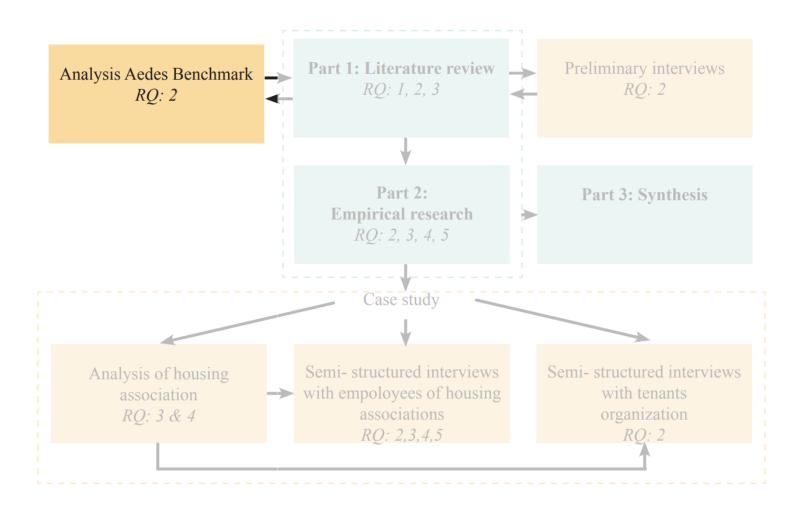
RESEARCH METHODS



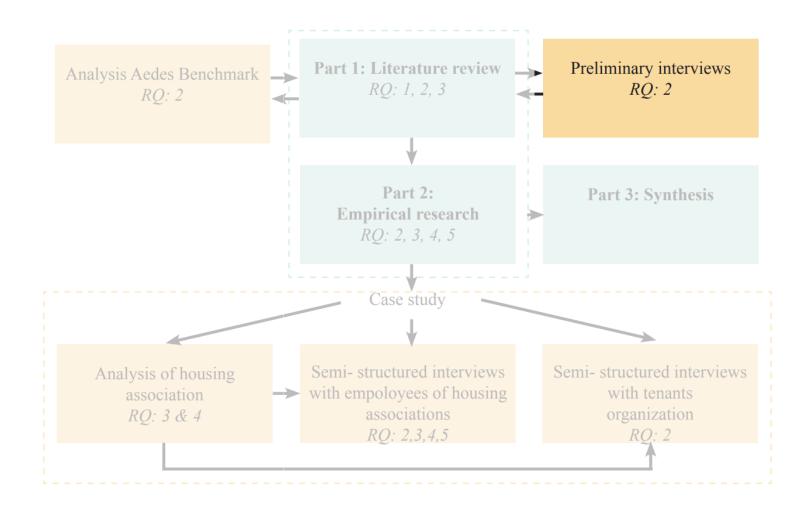
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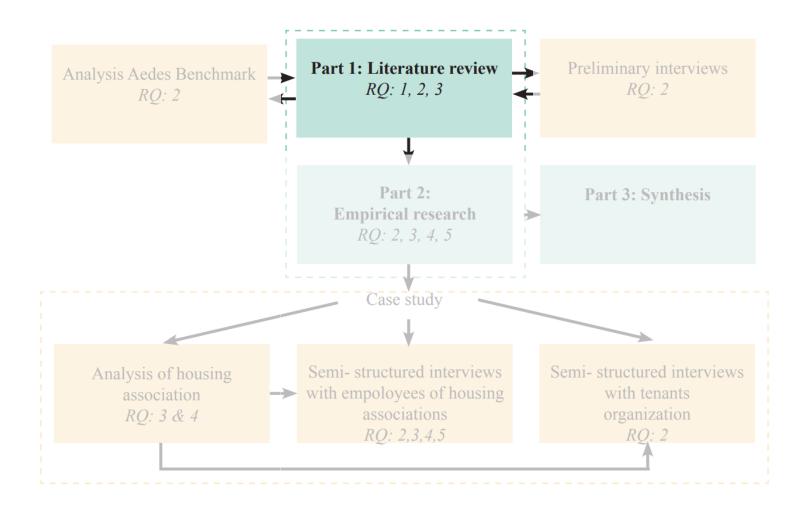
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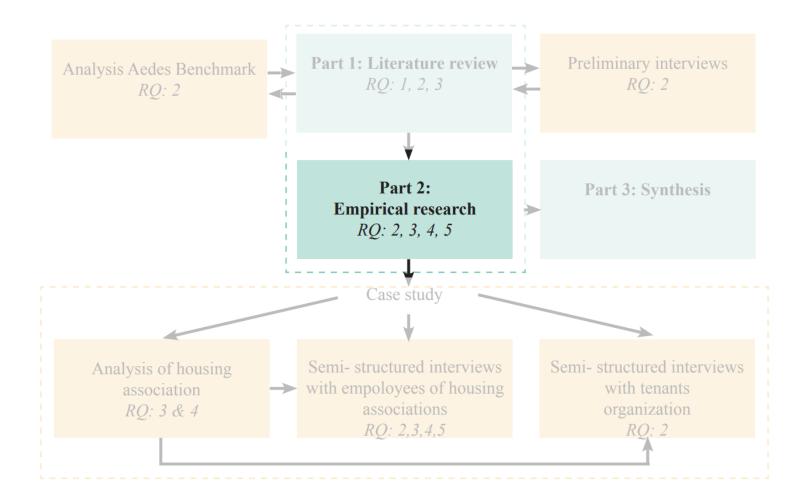
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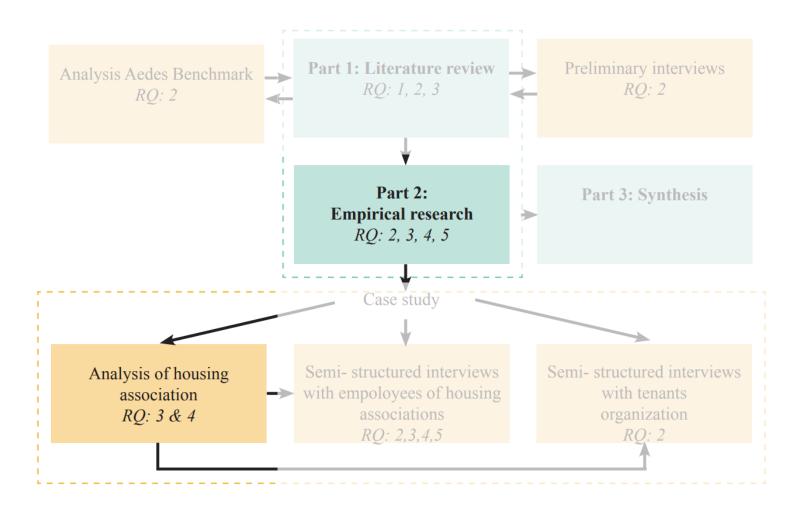
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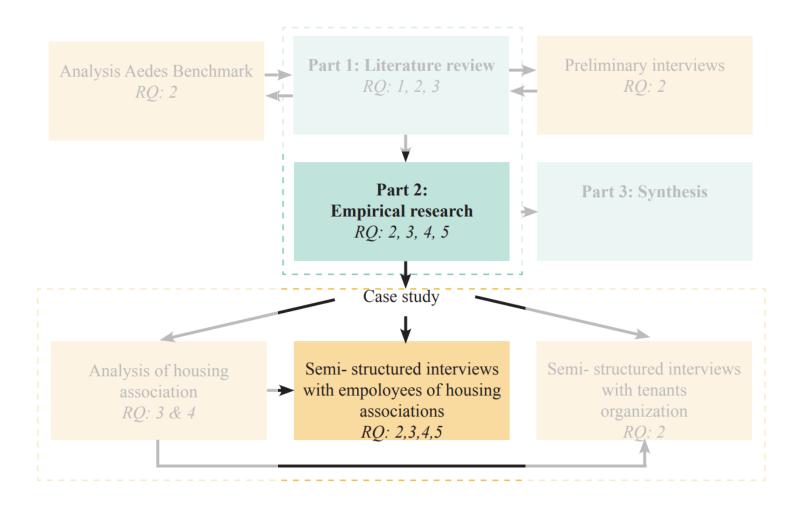
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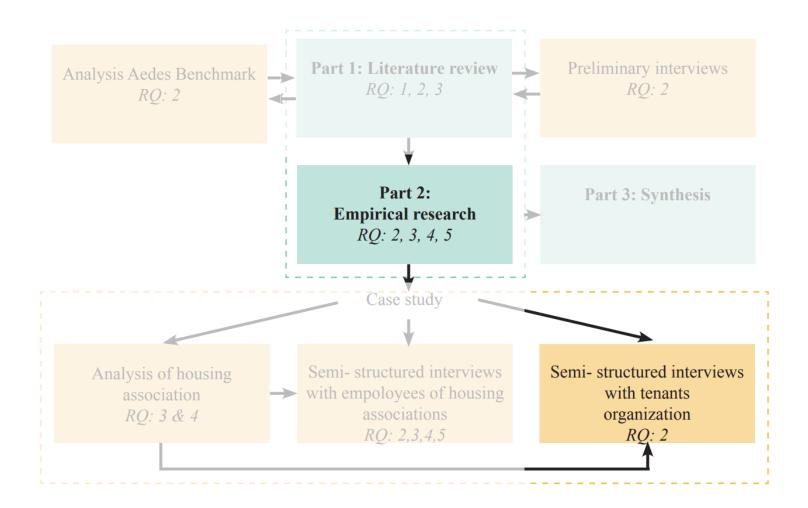
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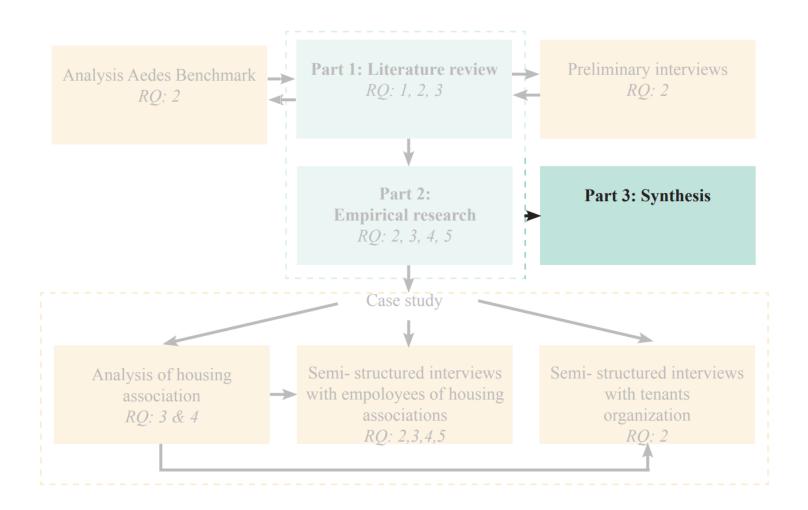
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Theory

o Findings of literature review

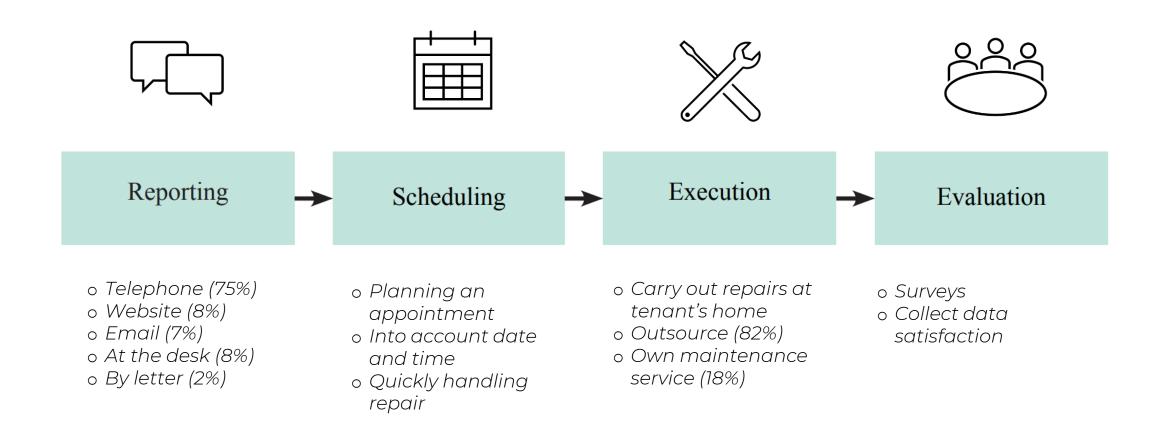
DEFINITION

Tenant satisfaction is the evaluation of tenants on the repair maintenance service, which consists of a series of sequential events, both intellectual and emotional, in fulfilling an expected outcome.

TENANT SATISFACTION



REPAIR MAINTENANCE PROCESS



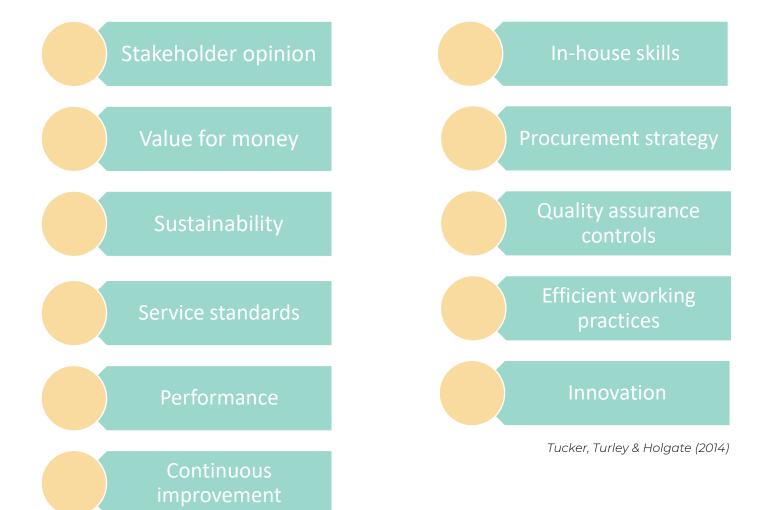
SUCCESFACTORS TENANT





Veuger & Straub (2006)

SUCCESFACTORS INTERNAL ORGANIZATION



Practice

- o Conducting case studies and interviews
- o Findings of empirical research























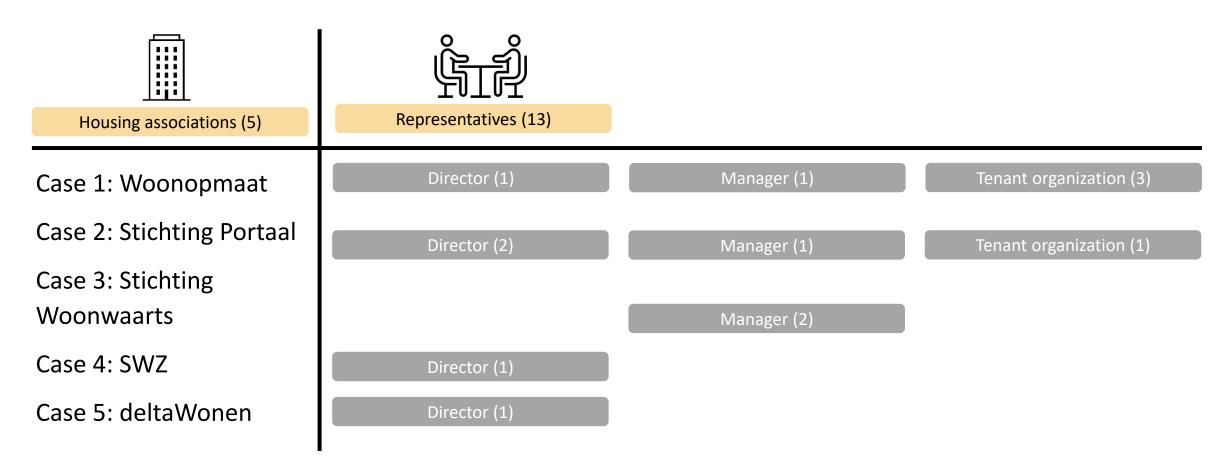








SEMI- STRUCTURED INTERVIEWS



FINDINGS: REPORTING

Reporting



Scheduling



Execution



Evaluation



FINDINGS: SCHEDULING

Reporting



Scheduling



Execution



Evaluation



FINDINGS: EXECUTION

Reporting



Scheduling



Execution



Extra service

Quality of result

First time fix

Communication

Friendliness maintenance worker

Outsourcing: good agreements, same goals, contact moments

In-house: insight and bonding

Evaluation



FINDINGS: EVALUATION

Reporting



Scheduling



Execution



Evaluation



Group or one on one meetings

Involve tenant

Translate results into goals

FINDINGS: OVERVIEW

Reporting



Quick service

Understanding the complaint

Scheduling



Tenant choose time and date

Text message

Execution



Extra service

Quality of result

First time fix

Communication

Friendliness maintenance worker

Outsourcing: good agreements, same goals, contact moments

Evaluation



Group or one on one meetings

Involve tenant

Translate results into goals

place important goals in the first place & translate them into concrete plans in policy

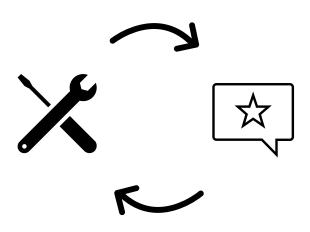
In-house: insight and bonding

Conclusion

- o Answering sub questions
- o Answering main question

What is tenant satisfaction and repair maintenance according to theory?

- o Evaluation of tenants on repair maintenance
- Series of sequential events
- Intellectual & emotional
- In fulfilling expected outcome



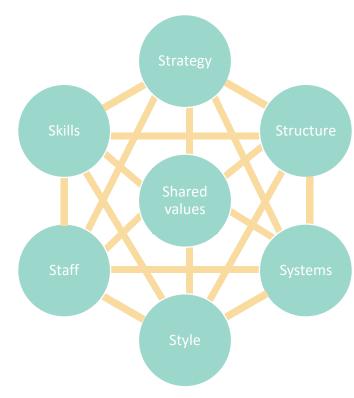
Which factors contribute to tenant satisfaction regarding repair maintenance?

- Literature
 - 14 factors (tenant's perspective,
 top 3: (1) quality, (2) planning & (3) competence)
 - 11 factors (Internal organization)
- Practice
 - 17 factors into four phases



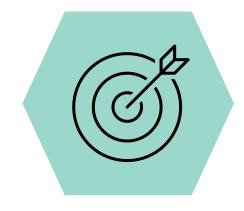
What is the role of the organization of a housing association on repair maintenance and tenant satisfaction?

- Staff: technical and communicational skilled
- Skills: properly solving complain
- o Style: continuously improve and monitor
- Shared values: unambiguous vision
- Structure: outsource (discuss expectations and evaluate), own (contact center and repair service)
- o Strategy: customer- centric approach
- o Systems: implementing new systems depends

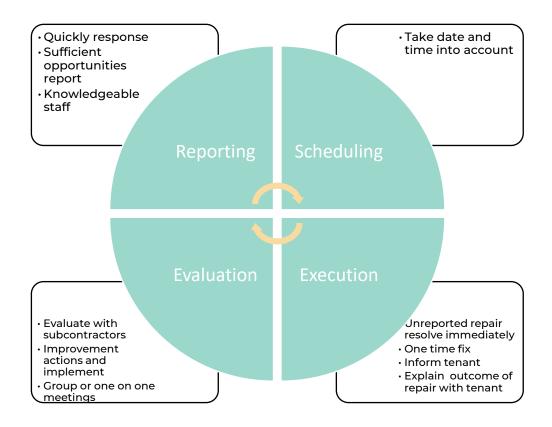


What role does the policy have on repair maintenance and tenant satisfaction?

- Gives direction on what to achieve
- Limitations:
 - o few specific objectives
 - o little information about organization of repair maintenance
 - o some tenant satisfaction goals but often in general service



Which recommendations can be given to maximize tenant satisfaction regarding repair maintenance?

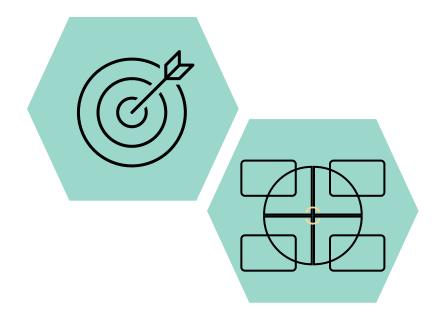


MAIN RESEARCH QUESTION

What contributes to tenant satisfaction at a housing association in the field of repair maintenance and how can this be improved?

1. Policy

- Clear goals on what and how to achieve
- 2. Organization
 - Four phases and its factors



Discussion & Future research

INTERESTING TO SEE

new success factors emerged from the empirical research, such as extra service, translating survey results into action goals, or quick telephone service

several factors were not mentioned in the interviews, such as preventing damage, limiting and cleaning up the mess of the wearing of company clothes, only after these factors were shown. This showed that not all factors in the literature are also a success factor in practice

SOME LIMITATIONS ARE

five case studies

Not sure if other housing associations will also lead to higher tenant satisfaction within repair maintenance

but

can increase the chance of tenant satisfaction

FUTURE RESEARCH

expand by conducting more case studies on repair maintenance and tenant satisfaction at housing associations

interviewing several employees at the same housing association

expand repair maintenance model with success factors

Thanks for your attention!

