

Action Research Intervention

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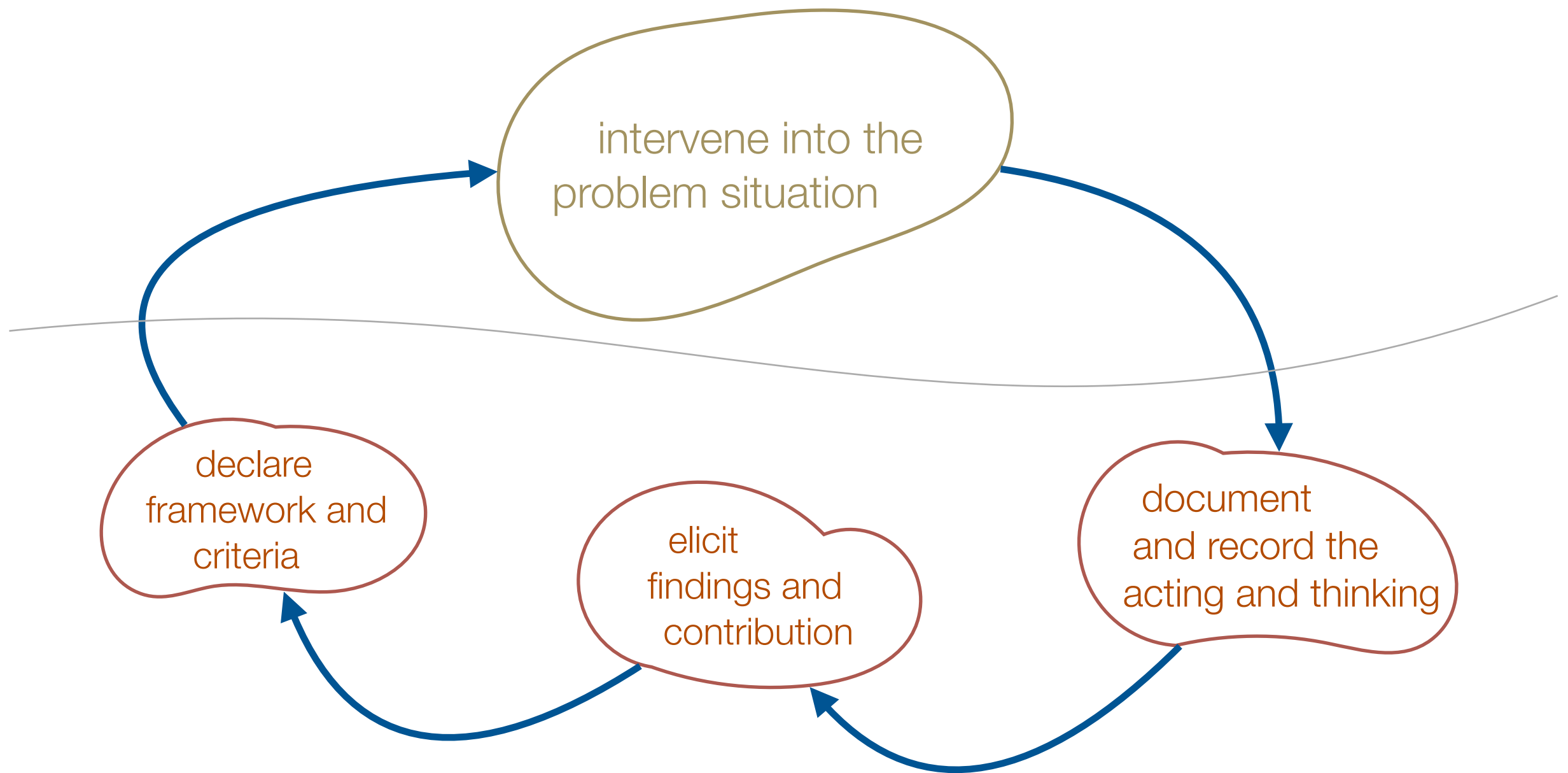
RESEARCH CENTRE FOR

socio-interactive design



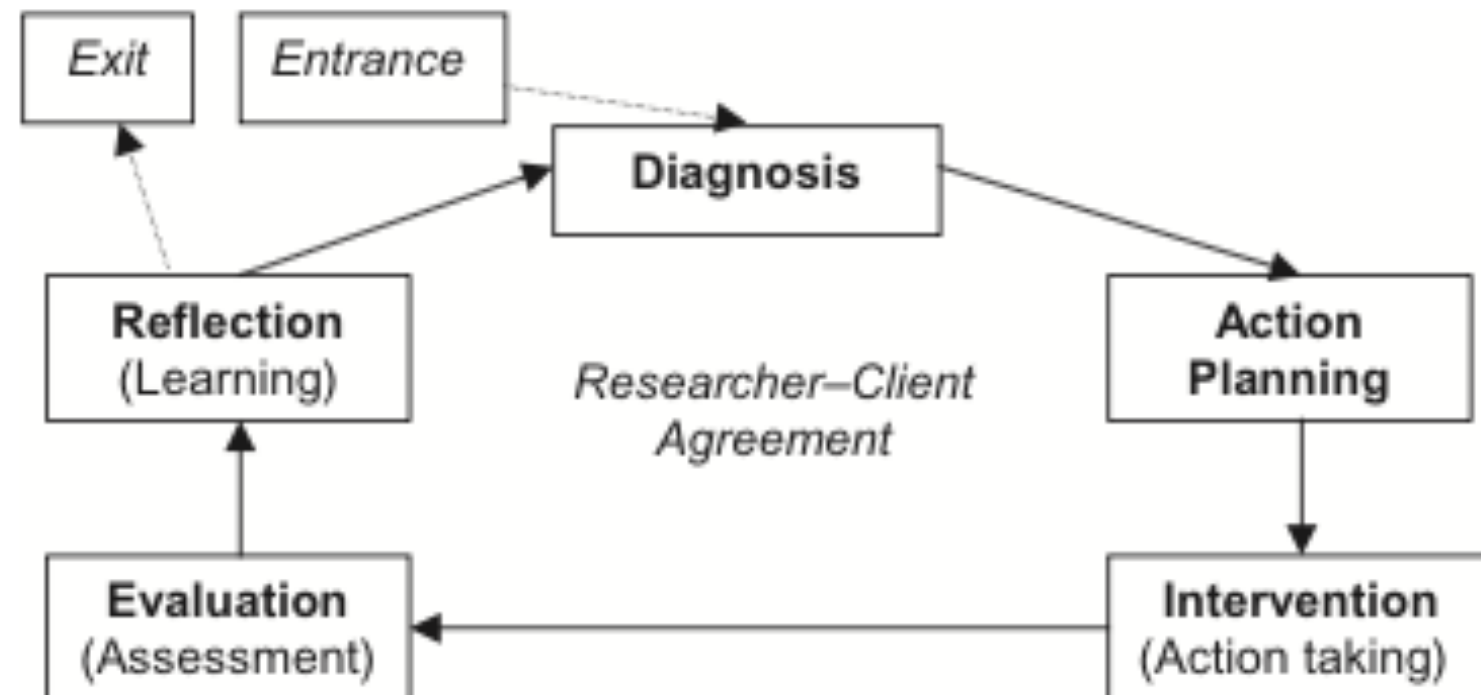
AALBORG UNIVERSITY
DENMARK

Action research: a study of change

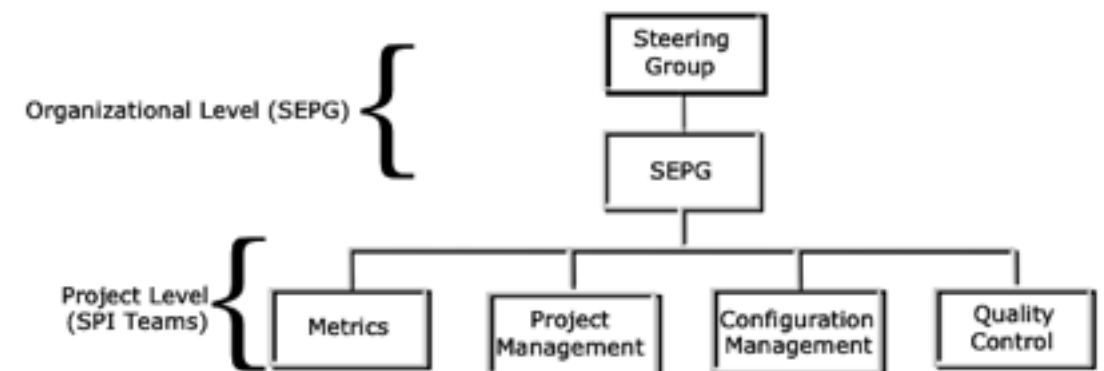
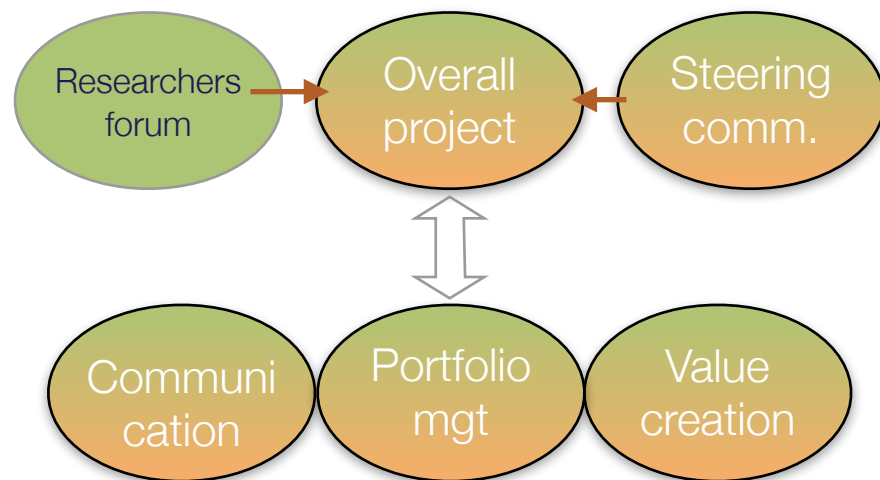
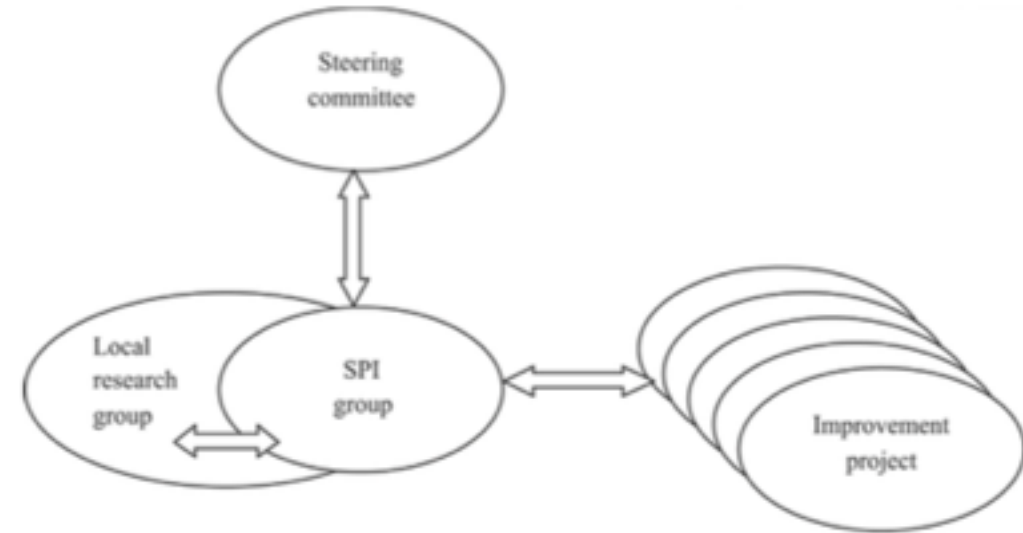
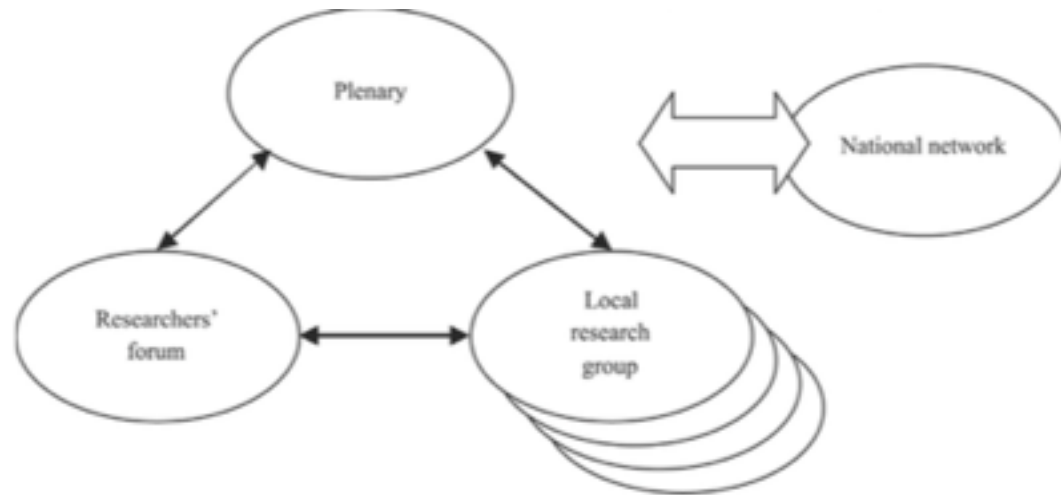


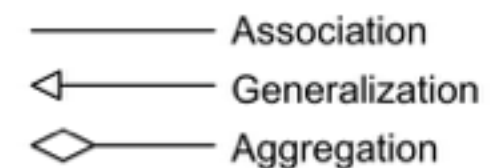
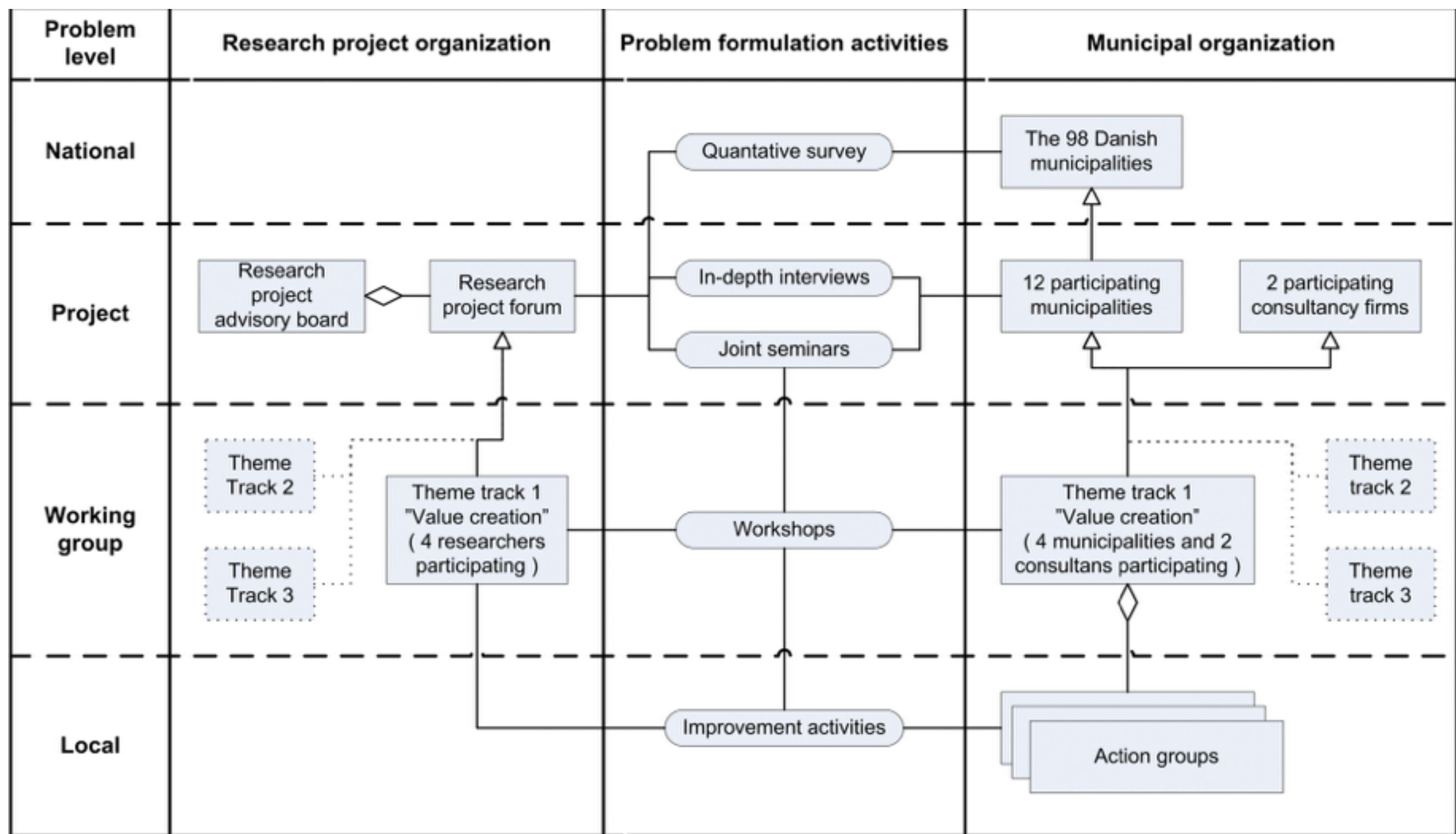
→ dependency

Canonical action research



How is the problem-solving organised?





Research organisation

Elaborated

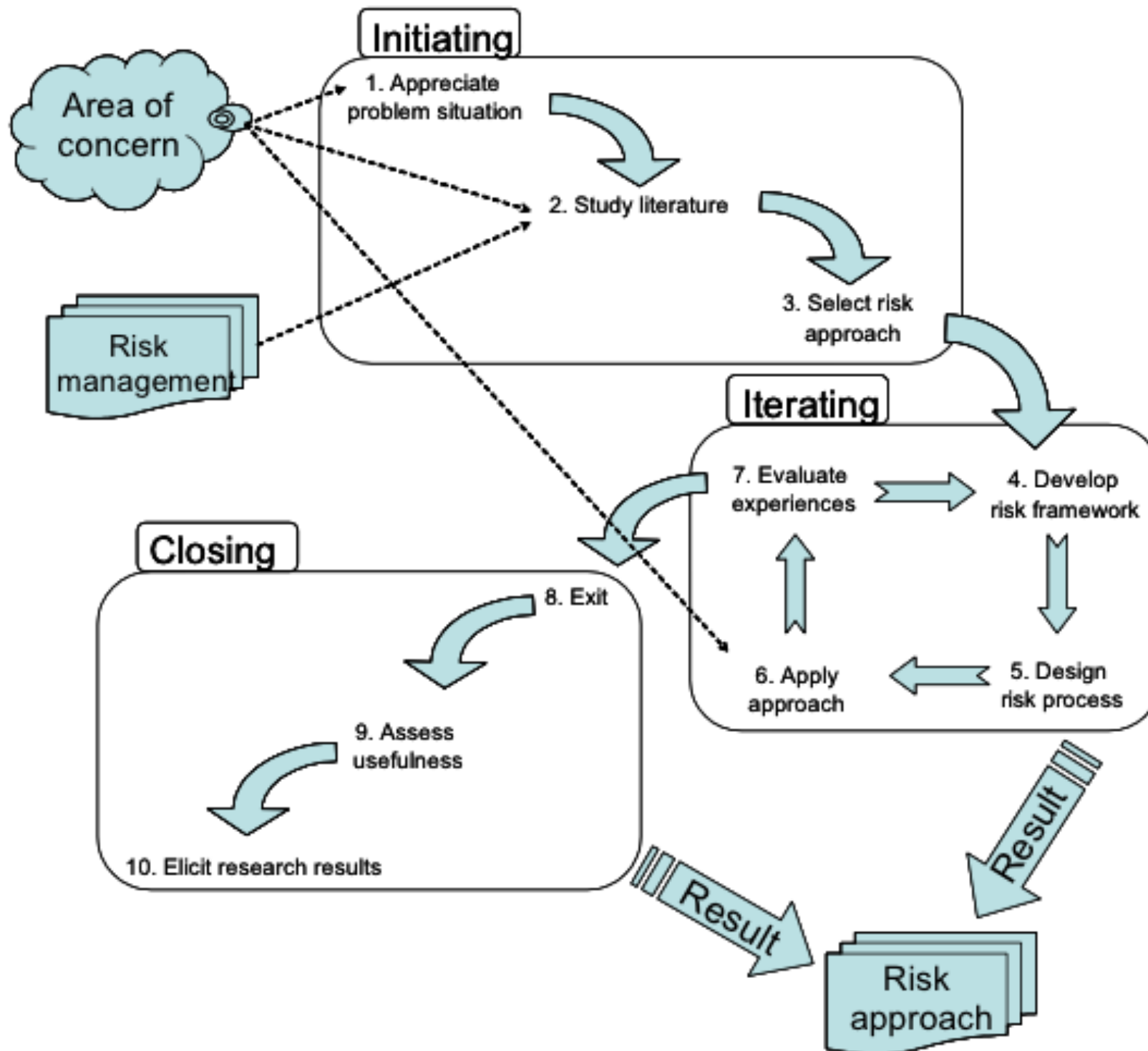


Figure 2. Flow of activities in the diagnosis.

software development project.

your own words, about the project you are currently running
ing questions are used to make sure a number of areas are o
project manager does not cover them on his own behalf).

purpose of the project? What is the proposed functionality c

the project (budget, resources, calendar time, product size
fed (number of people, qualifications etc)? How is the projec
e conditions that the project must follow (deadlines, marketin
nt, contracts etc.)?

he chronological course of the project? Which phases, iterati
elays? When? Why?

its in the project.

ritical events (both positive and negative) that you feel have
ect?

ned? What were the consequences? How do you feel that t
further exploited?

aknesses in the development process.

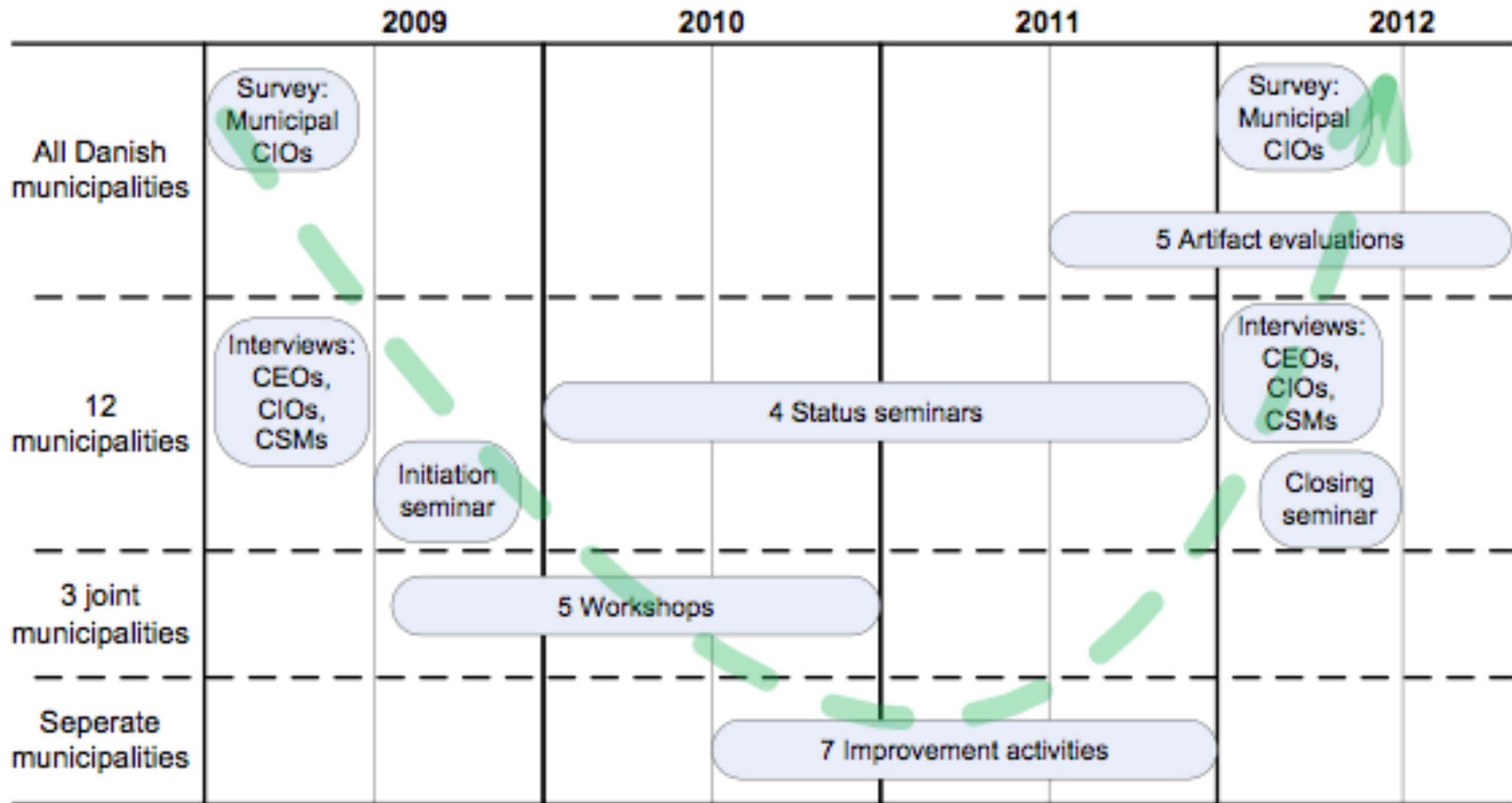
pinion the most prominent strengths and weaknesses in the
s software?

Figure 3. Excerpt of final interview guide.

Which problem-solving activities?

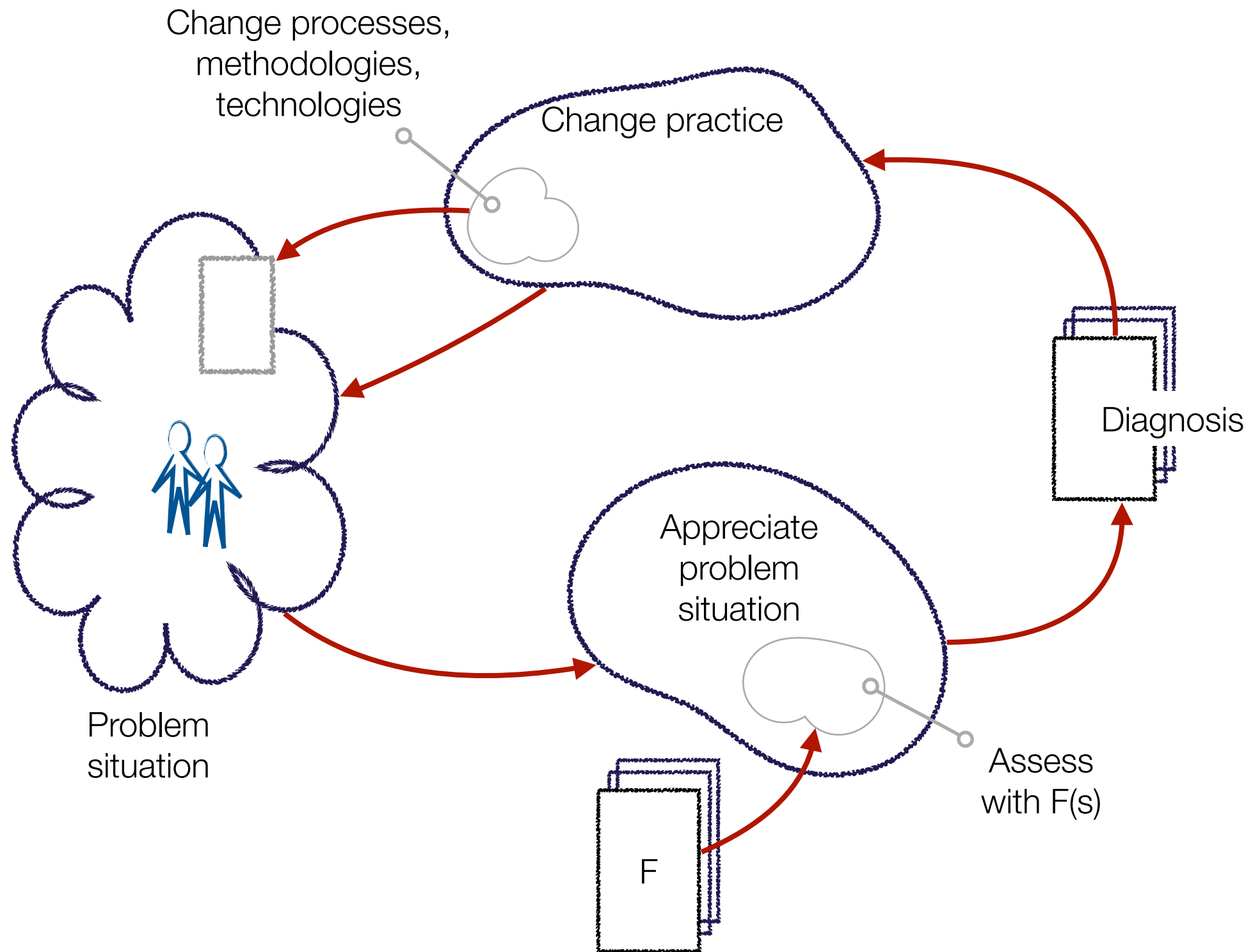
Problem formulation activities over 4 years

Scope

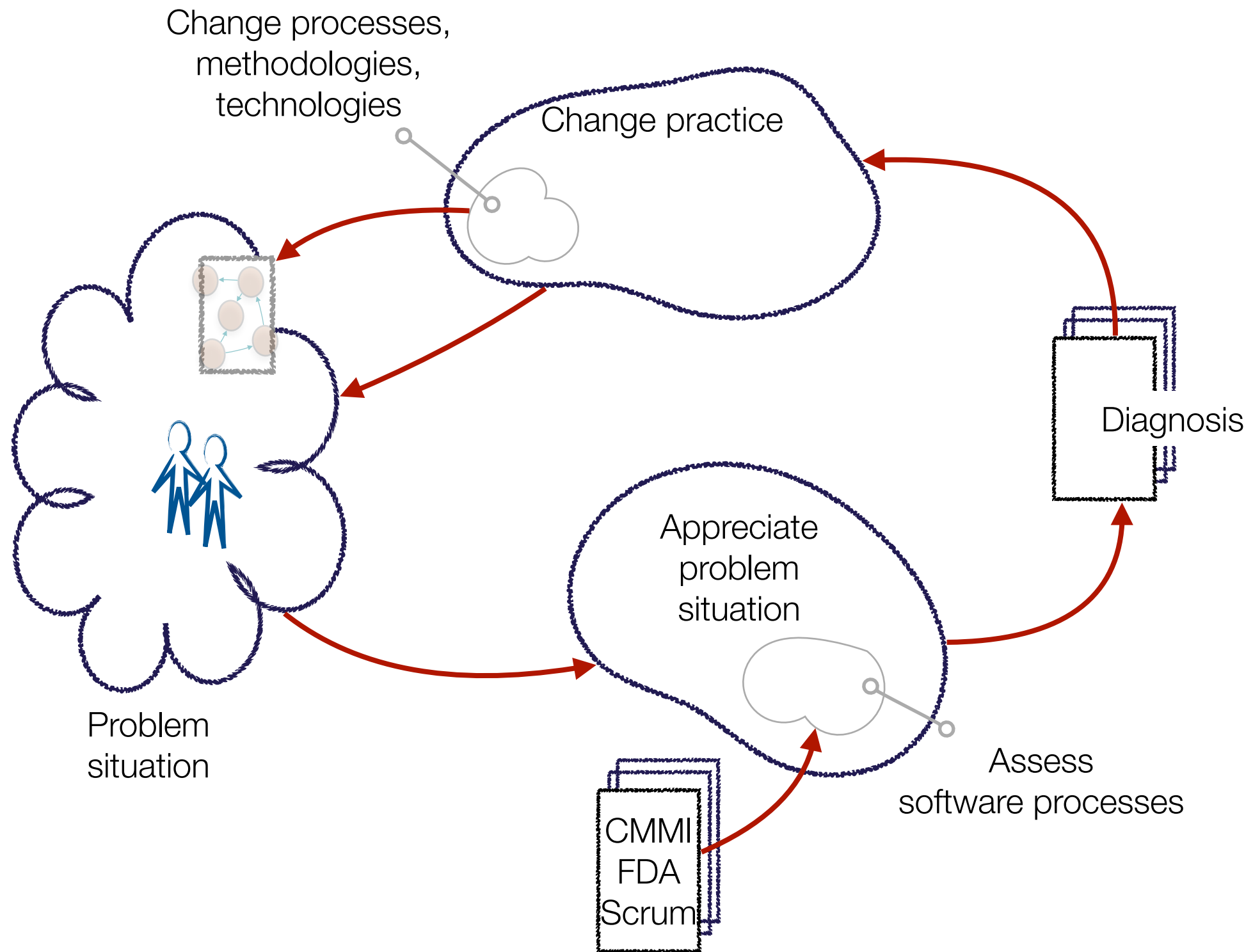


Focus on problem
formulation

as part of problem-solving



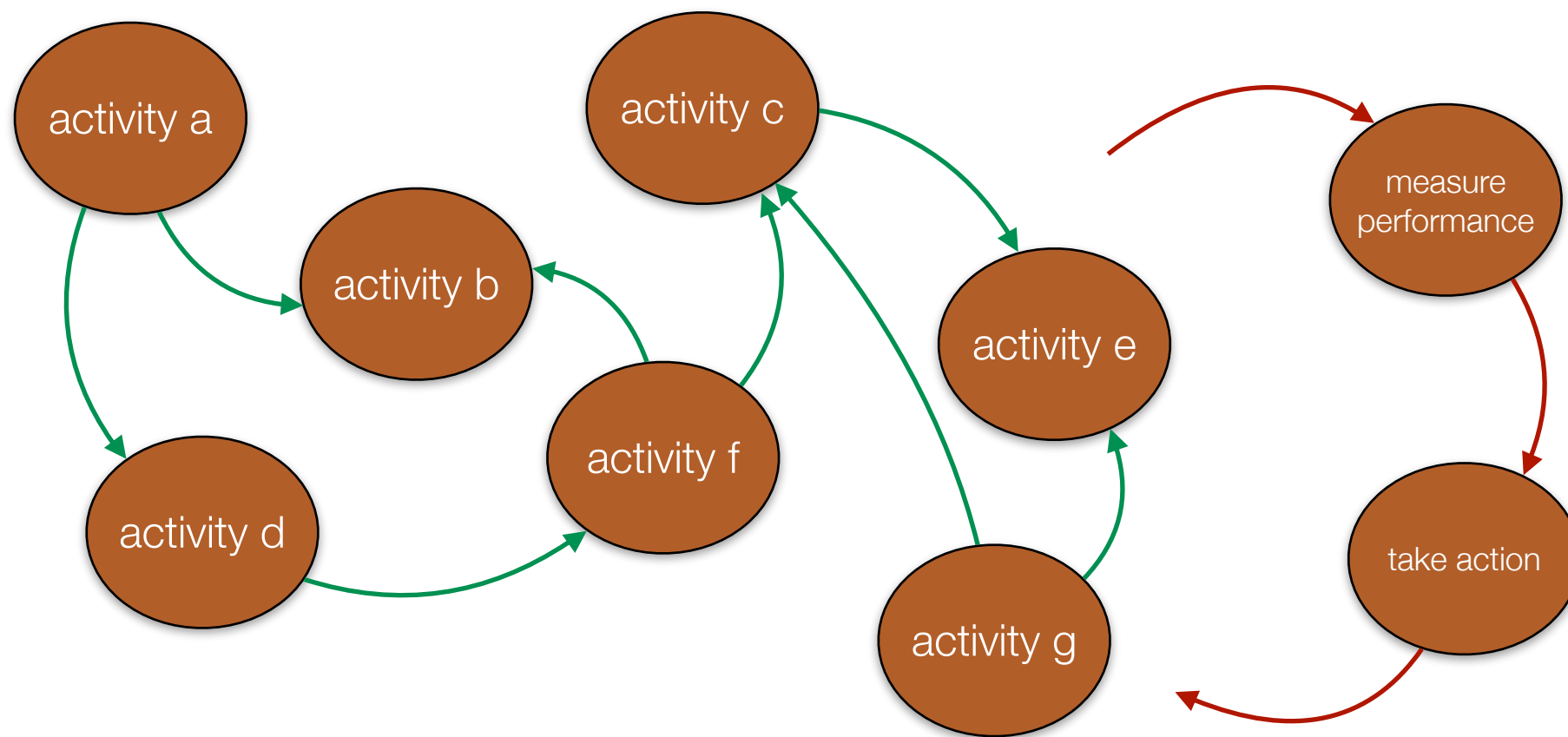
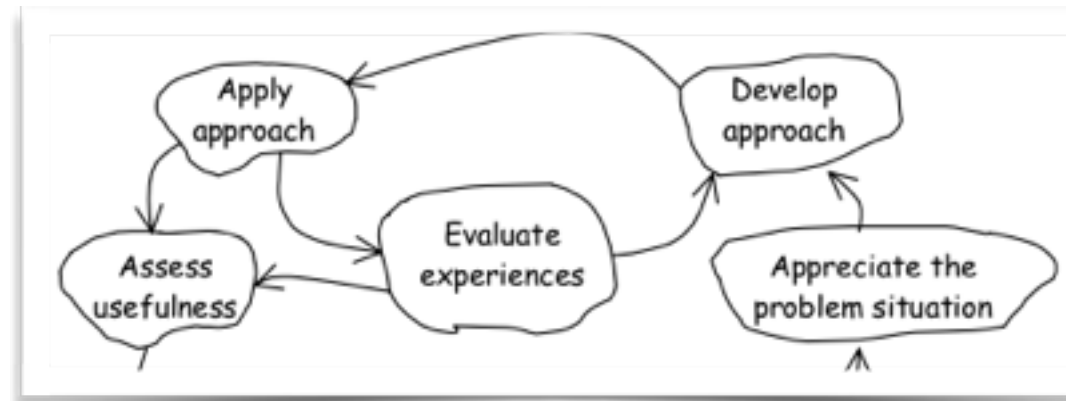
Generic approach



**Generic approach
applied**

to improving systems
development in practice

Root definition:
A system owned by X to do Y using M that
embeds F leading to Z under the condition that
U and measured by V.



Unique activity models

(Checkland & Scholes, 1990)

Group assignment

- In groups (3-4)
- Develop specific activity models for the problem-solving in the PhD studies in the group - one at a time
- A first draft should be possible in 15-20 minutes, then move on to the next
- If time allows return to revise the first drafts