Training 'project' coding and qualitative content analysis
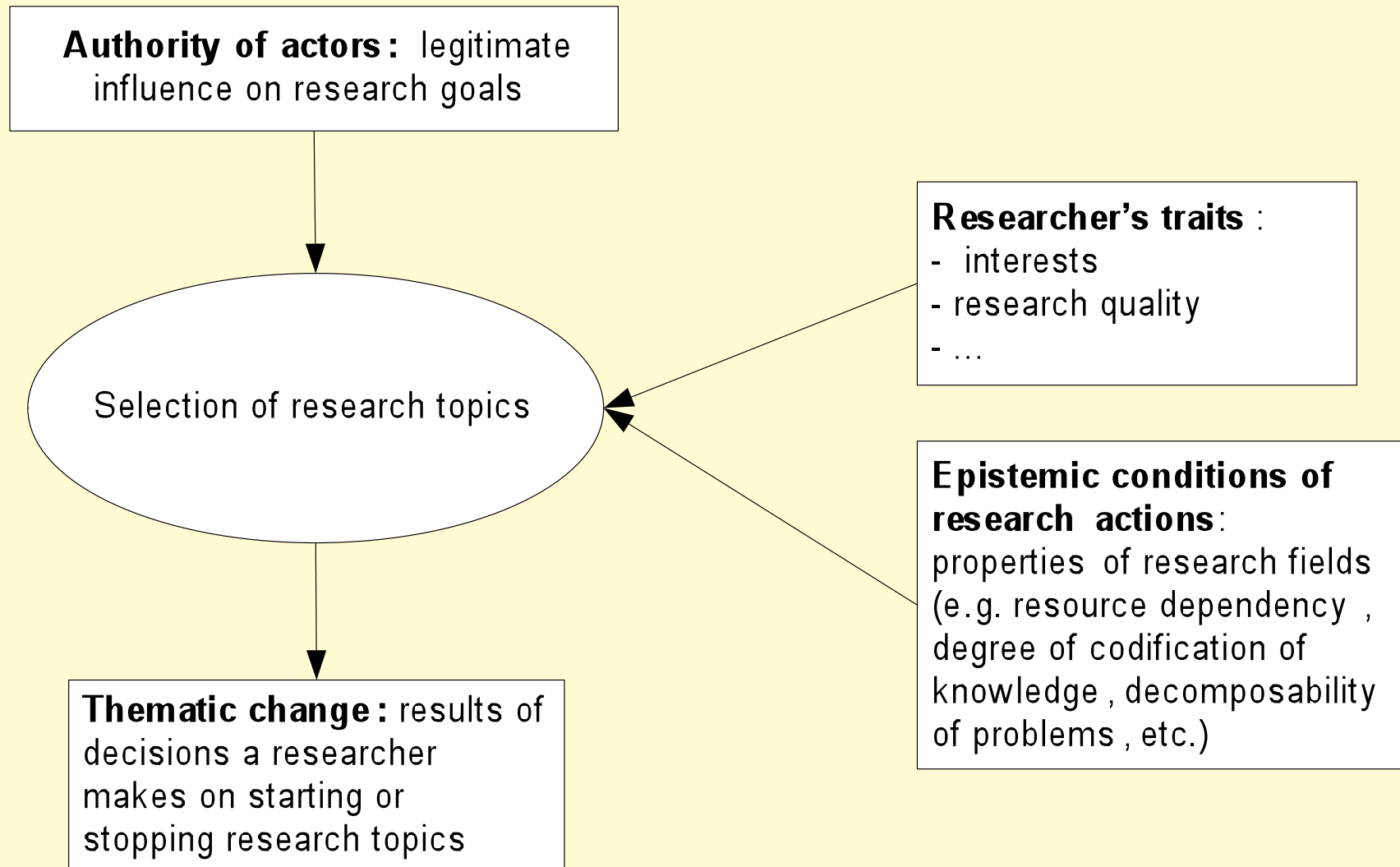
Research question: How do authority relations influence the change of research topics?

Authority of actors : legitimate influence on research goals

Selection of research topics

Researcher's traits :
- interests
- research quality
- …

Epistemic conditions of research actions:
properties of research fields (e.g. resource dependency , degree of codification of knowledge , decomposability of problems , etc.)

Thematic change : results of decisions a researcher makes on starting or stopping research topics

Category: Authority of actors = **Legitimate influence (in this case: on research goals).**

Initial list of codes:

Actor: Whose authority is reported?

Basis of authority: How is authority exercised?

Category: Thematic change = **Difference between research before and after the selection of a new research topic.**

Initial list of codes:

Cognitive distance: Degree of dissimilarity between the old and the new topic

Type of investment: What did the researcher have to invest in order to be able to work on the new topic?

Category: Researcher's traits = Properties of the researcher that influence decisions on research topics.

Category: Authority of actors = Legitimate influence (in this case: on research goals).

Dimensions:

Time: For what point in time / period of time is there information about authority?

Actor: Whose authority is reported?

Basis of authority: On what social phenomenon is the legitimate influence based?

Means used: How is the social phenomenon used to exercise influence?

Causes: If influenced by the authority of other actors

Effects: What effects of the authority are reported?

Category: Thematic change = **Difference between research before and after the selection of a new research topic.**

Dimensions:

Time: For what point in time / period of time is there information about the difference between research topics?

Cognitive distance: Degree of dissimilarity between the old and the new topic

Type of investment: What did the researcher have to invest in order to be able to work on the new topic?

Amount of investment: How much needed to be invested?

Causes: What caused or prevented a thematic change?

Category: Researcher's traits = Properties of the researcher that influence decisions on research topics.

Dimensions:

Time: For what point in time / period of time is the property reported?

Characteristics: What properties of the researcher are reported?

Description: What characterises the researcher?

Effects: What effects of the property are reported?