Architectural Meetings

RESEARCH SCHOOL
INTEGRAL DESIGN OF STRUCTURES

Speerpunt BOUW

Context of the research

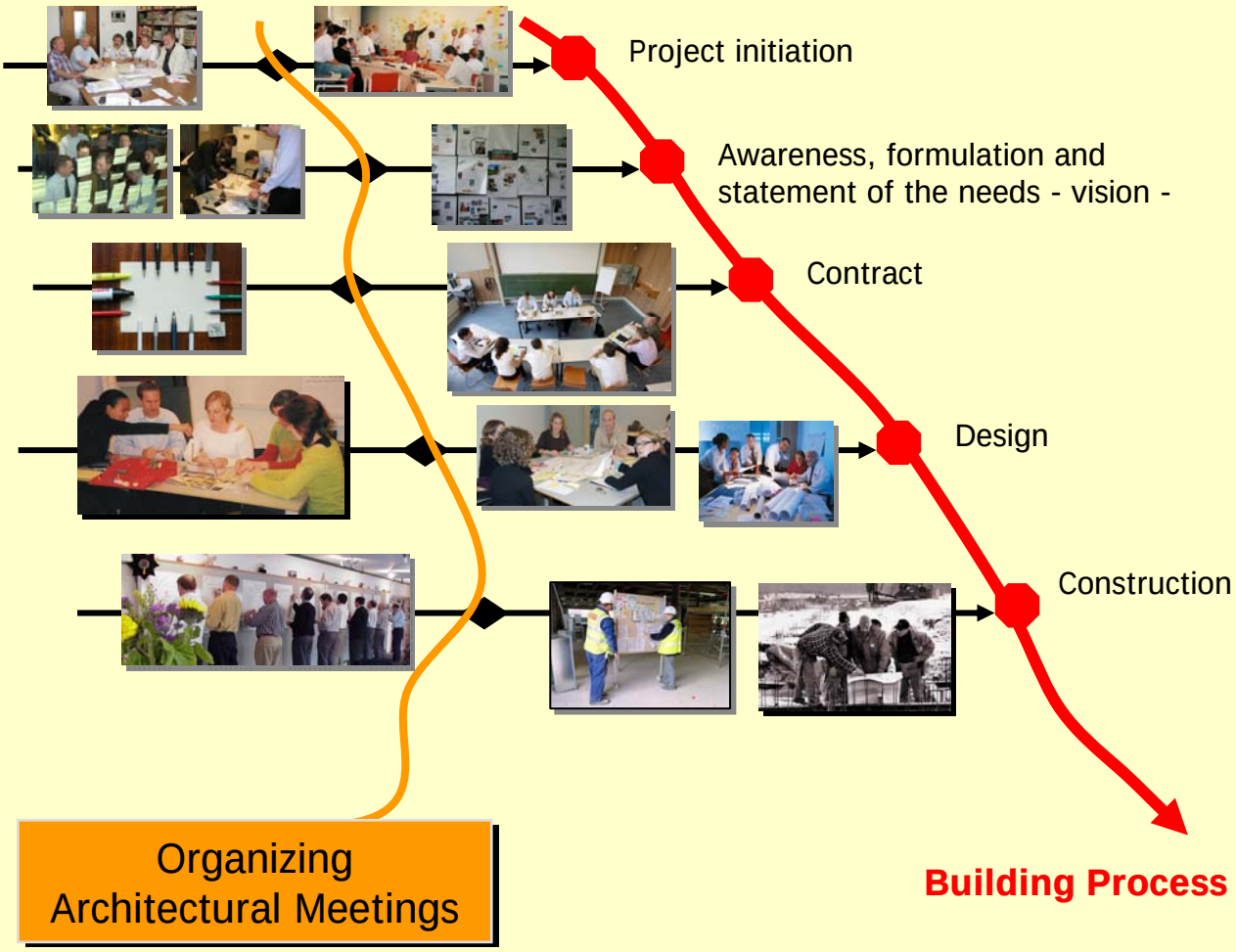
The problem today in the building industry is that the client and the society do not get the values they want. The building design is an addition instead of an integration of design results.
One of the underlying problems is that there is a lack of specific competences by expert designers such as listening to the client, formulating questions, creative (design) thinking, reflecting on experiences and working with one another. Guiding principles to chose proper working methods can help. Insight and recommendations in how to choose proper working methods for architectural meetings will enhance the values for clients and society.

Objective of the study

The objective of the PhD study is how to choose proper working methods for collaborative building process meetings by case studies and simulations.

Research framework

The research framework of developing meetings is formulated as follows:
1. listing the dimensions of architectural meetings,
2. to complete some case studies of meetings to describe relationships among the dimensions,
3. this lead to guiding principles for working methods
4. to be tested in simulations, concluding with
5. recommendations for choosing the proper working methods for organizers of architectural meetings.



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Architectural Meetings

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Research questions

1. Develop a conceptual model of architectural meetings.
2. What are the relationships among the dimensions of the model?
3. Which are the validation results of the relationships?
4. What are the recommendations for choosing the proper working methods for architectural meetings?

Results

- Research model for architectural meetings.
- Modular Building System for teaching collaborative working.
- Simulation game Partner Selection.
- Simulation game Dialogue between Client and Consortium.
- Working method Constructing Metaphoric Objects.

Publications

Van Gassel, Frans and Ger Maas (2005) *The development of a human-centred work method for design meetings*. Proceedings meeting CIB W096. November 2005, Cobenhagen, Denmark. Editor Stephen Emmitt.

Van Gassel, Frans (2005) Experiences with collaborative design by constructing metaphoric objects. *In:* Henri Achten et al. *Design Research in the Netherlands*. Eindhoven University of Technology. Bouwstenen 92. 63-70.

Research period

2001 - 2009