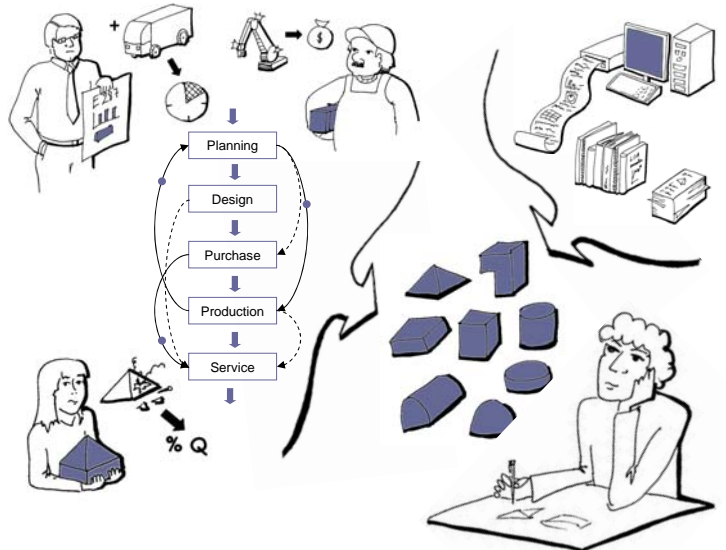


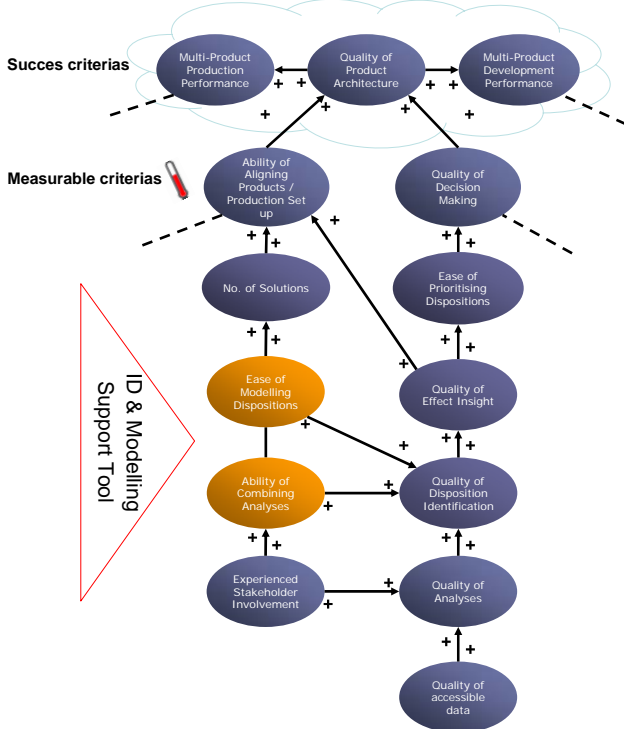
Modelling Product Assortment Dispositions

Background – How can we know the dispositions of our product assortment?

- Establishing a product assortment the product developer determines the dispositions for the entire life cycle of the products, and he has to evaluate the consequences in each life cycle system
- Scattered information of dispositions effect of individual products from biased stakeholders does not provide the overview
- Database figures and various analysis provides huge amounts of information, but little help in recognising what is important and what is not and how to combine the information and draw conclusions
- This lack overview limits the solution space and inhibit decisions making, because the developer is insecure of the disposition effect of his or her solution



Impact Model



Goal

Better multi-product development and production performance by improving disposition identification and ease modelling work of product architectures

Research Questions

- # 1 How and in which categories product assortment dispositions be identified?
- # 2 How can the dispositions be modelled?
- # 3 Which input data and analyses are needed and how can they be combined to determine the most important and critical dispositions?
- # 4 How can dispositional knowledge be integrated in the multi-product development process?

Expected Results

- A procedure for identifying dispositions
- A disposition modelling tool

Research approach

- Critical rationalism and inductivism
- Detailed study of disposition modelling in multi-product development projects
- Prescriptive study of use of identification and modelling tool
- Case studies and interviews with LEGO & examples from other companies



Theoretical Foundation



PhD project for Lone Munk

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