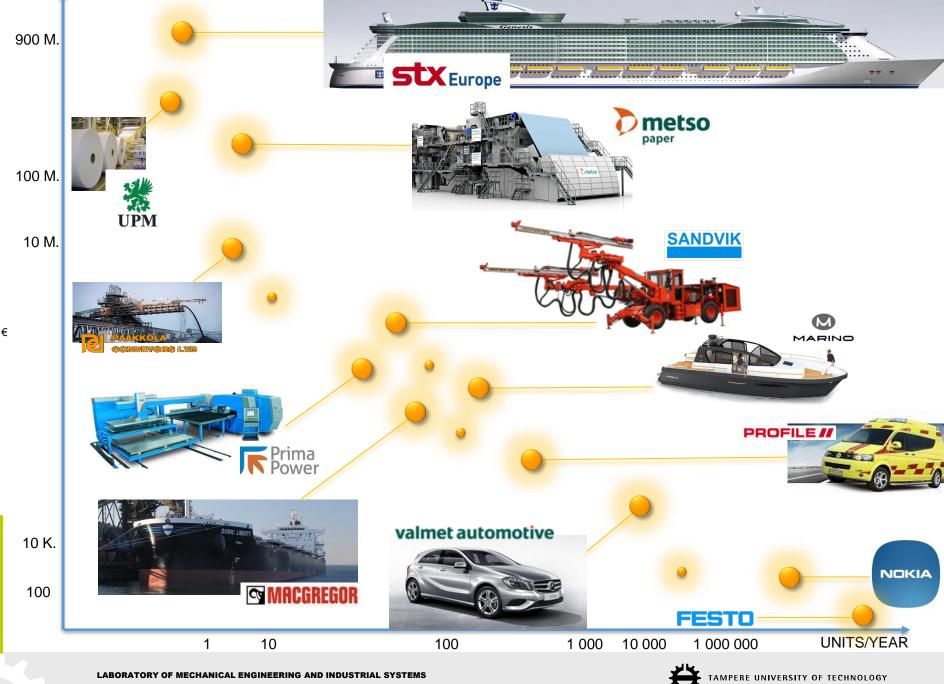


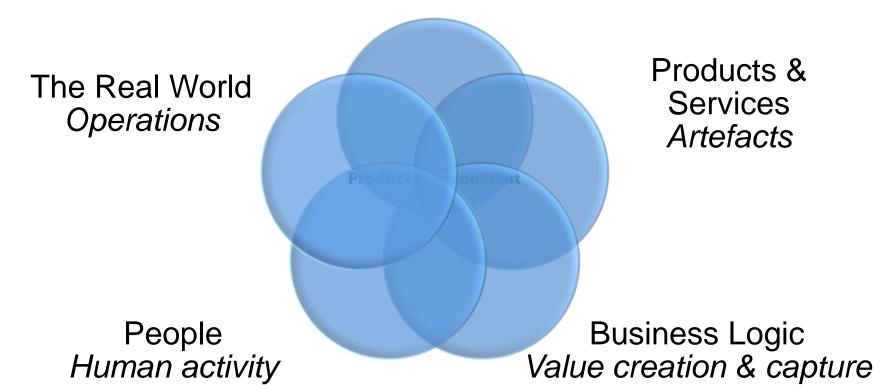


63 CASES IN INDUSTRY



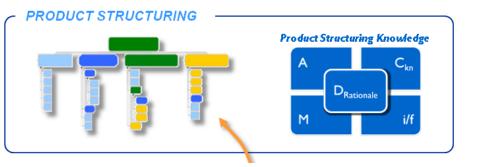
we are dealing with

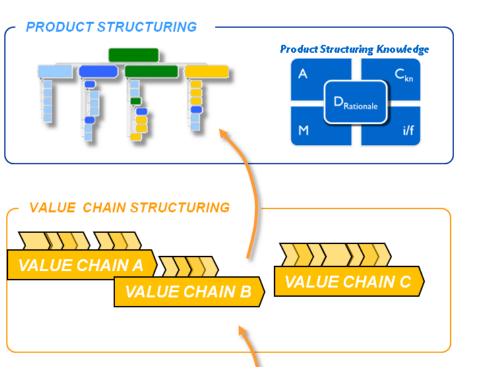


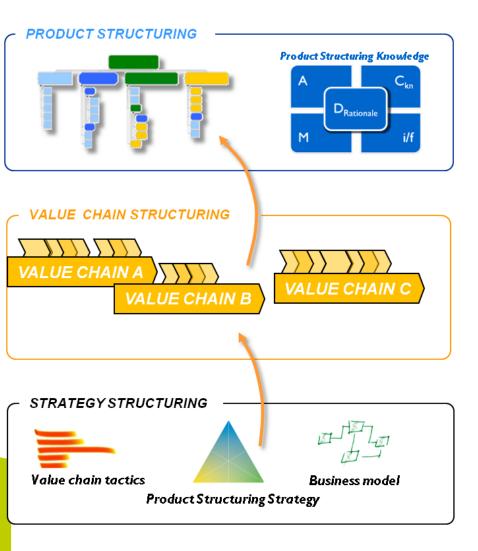


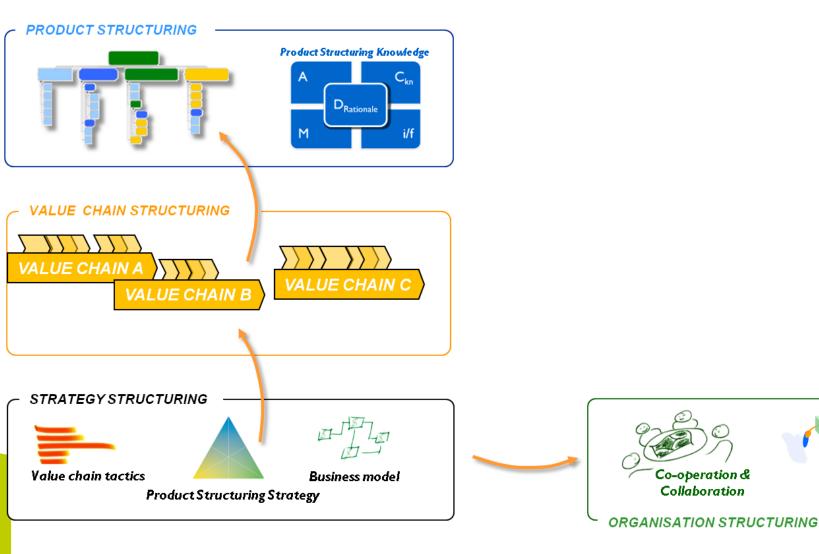
To understand and to improve.









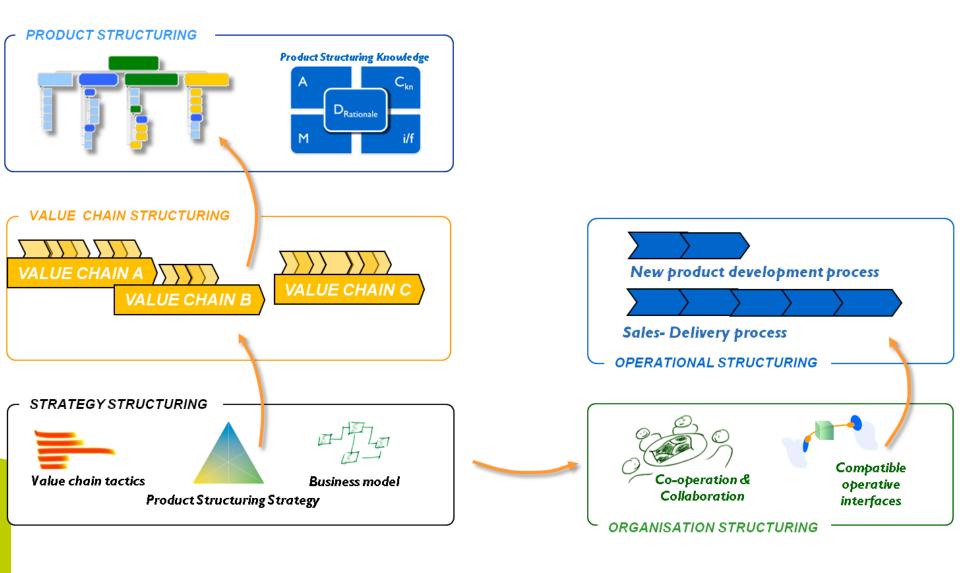


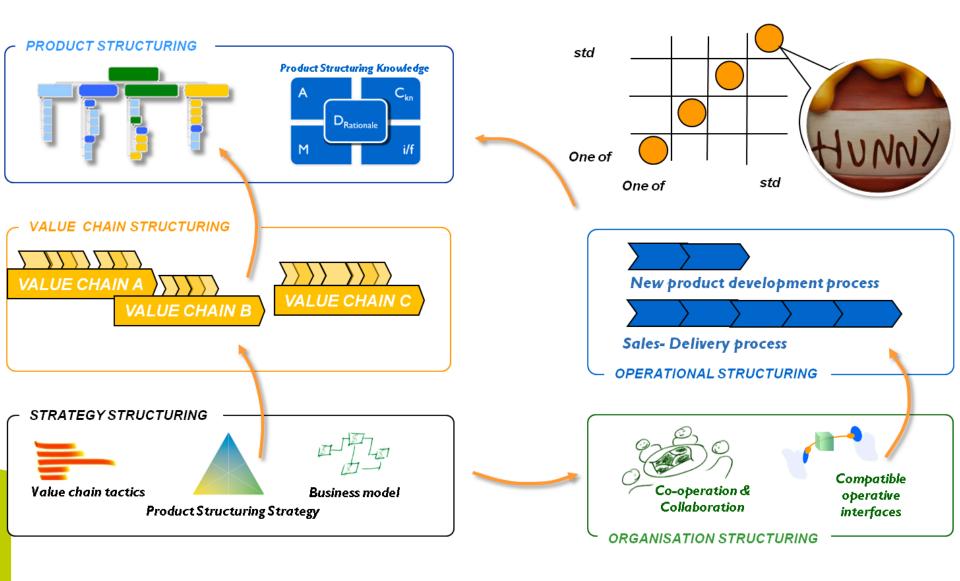


Compatible

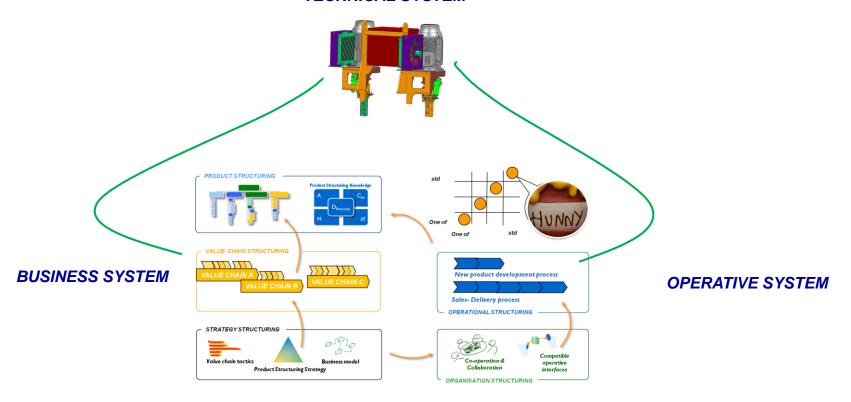
operative

interfaces





TECHNICAL SYSTEM



The properties of the technical system enables particular behaviour in operative system and creates value in business system

Company Strategic Landscape

- is tool for developing product structures that correspond the needs arising from the business and manufacturing environment
- Strategic tool where design office, sales and production are co-operating under direct authority of the executing management.

"How to create such a product structure that corresponds the business needs and enables the company strategy?"

Why to focus on product structures?

- A product has always some kind of physical and functional structure and there exists a dependency between these entities.
- Some of the dependencies emerge in a more abstract level which makes it challenging to view and model them (e.g. component decoding, work distribution among suppliers)
- To achieve sustainable business the product structure should fit the business environment to which it is intended in.

Product structure enables and limits the ways of making business and determines the possibilities of implementing the company strategy



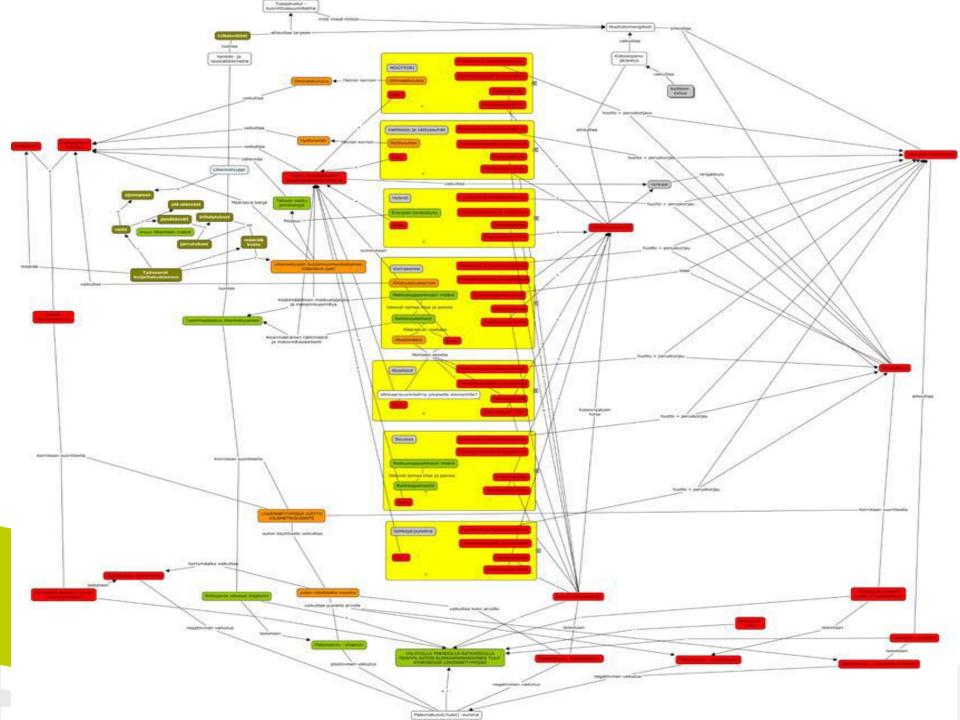
Creating the overview

- design tools and practices concentrate on narrow sector of the design field which leads to partial optimization
- CSL is based on 20 years of the design research at Tampere University of Technology and Nokia Oyj
- Conclusions are based on over 60 industrial cases in Nordic countries
- CSL is used to sketch the general view of product design requirements
- CSL:n ensures that the critical and "hidden" requirements are regarded in an early stage of the design process

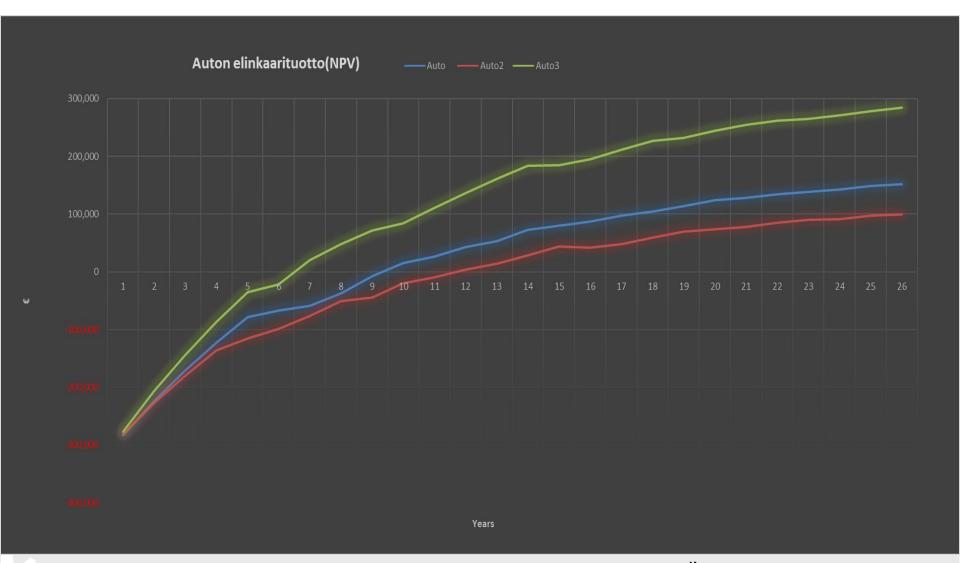
Simple guiding principles

- 1. Focus on Value creation and Cost
- 2. Focus on Customer and Business and the Value network
- 3. Co-create with the experts
- 4. Re-use value adding, known solutions
- 5. Go for the 51st solution concept
- 6. Embrace the diversity and resistance





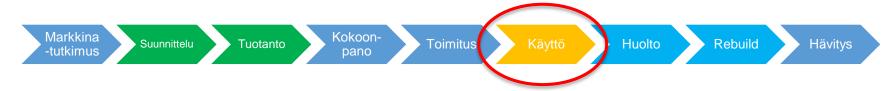
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Tavoitteet



- Käyttövaiheessa porakoneelle valittiin tärkeiksi ominaisuuksiksi
 - porausnopeus
 - hyötysuhde

