

Modern cost analysis with AI – support for analysing structures, parameters and cost values

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KOSTENKLARHEIT SCHAFFT GEWINN
COST CLARITY CREATES PROFIT



Company profile

4cost is your expert for software-supported price and cost calculations

Company profile | Who we are

Since 2008, 4cost GmbH, based in Berlin, has been developing and selling innovative software products as well as integrated services for the creation of consistent, valid price and cost calculations from early concept phases on.

4cost provides the suitable costing tool for every situation at any point in time. Our software guarantees maximum cost transparency throughout the whole product life cycle.

The innovative approach of 4cost leads to high cost savings, is up to 80% faster than conventional methods and is applicable in all project phases, regardless of the industry.



Products and services | Overview

4cost offers the all-in-one solution for cost optimization par excellence



Costing software



Costing services



Training and support

Company profile | Our clients (extract)

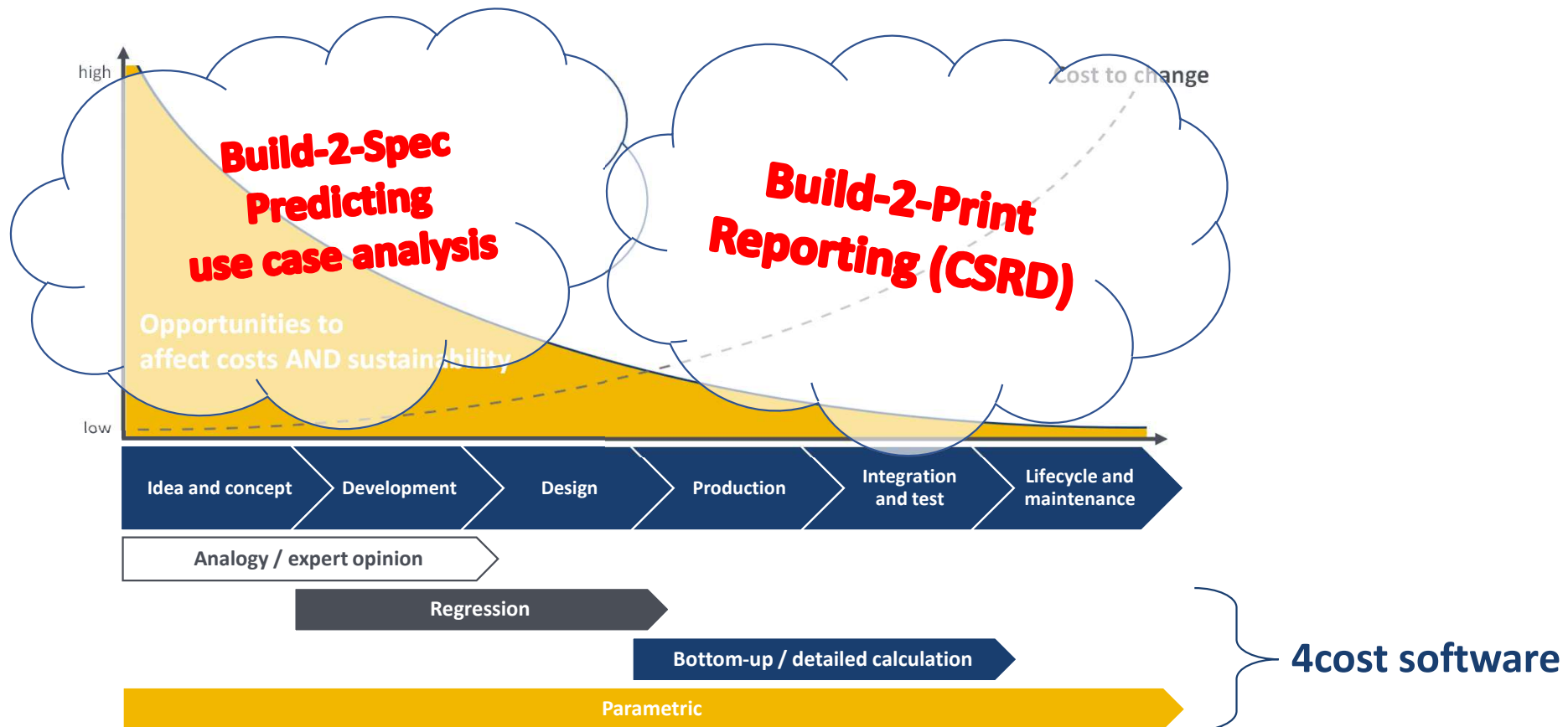
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Machinery & plant engineering	Mobility	Space/Aerospace	Hightech & electronics	Medical technology	Arms & defence
          	        	      	       	  	       

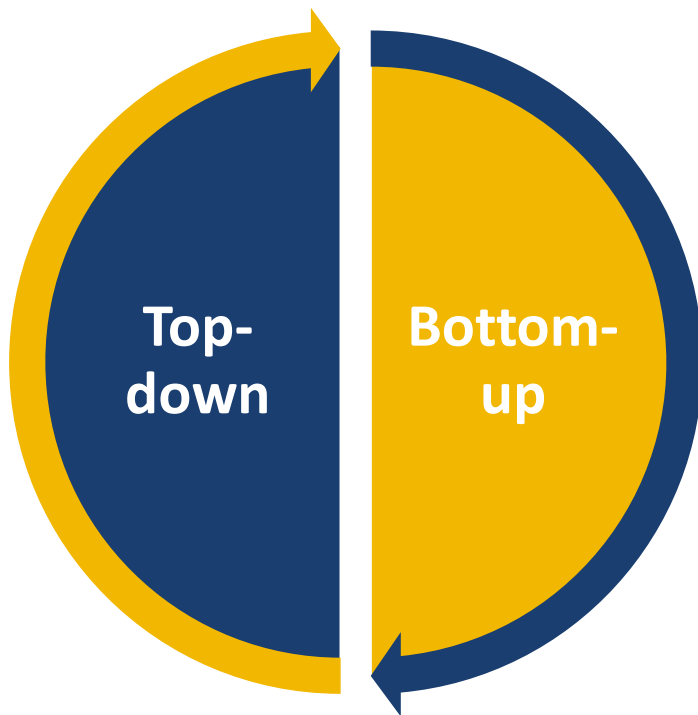
The 4cost approach

Maximum cost transparency in all phases

The 4cost approach | Suitable software for every phase



The 4cost approach | Suitable software for every phase



Unique worldwide: Bidirectional exchange between top-down and bottom-up

- Early phases with little information and later phases with a high level of information are seamlessly combined
- Depending on the project status, you can fully exploit the advantages of the respective costing model
- For a consistent cost analysis without loss of information across all project phases

Modern Cost Analysis? | What do we need, what do we have?

1. Product structure (WBS - Systems of Systems)

1. Hardware (mechanic / electronic)
2. Software
3. Integration and test

➔ Production costs (material/labour/overhead) - RC

➔ Development efforts (prototype/labour/overhead) - NRC

2. Depending on the phase of the project

1. Concepts
2. Preliminary Designs
3. 3D Models
4. 2D Drawings
5. MPP
6. Historical Data

➔ Using different approaches with AI support

- Monte-Carlo
- Sensitivity
- Risk analysis

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VALUE IN COSTING

Reference mapping = configure a variant out of a database



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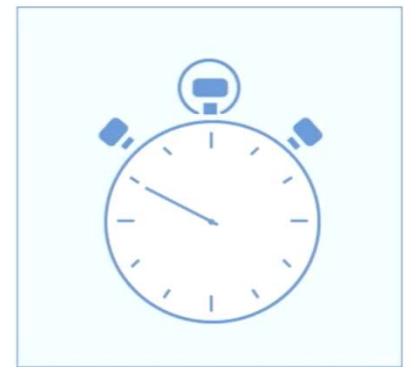
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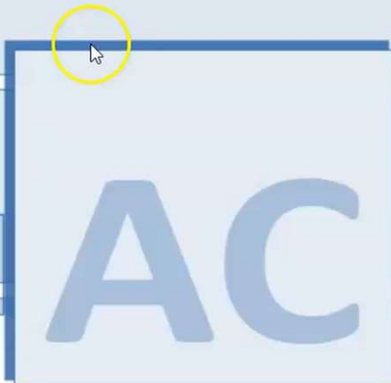
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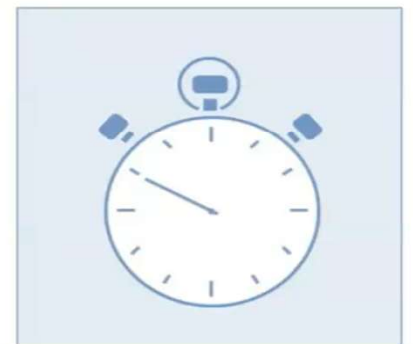
VALUE IN COSTING



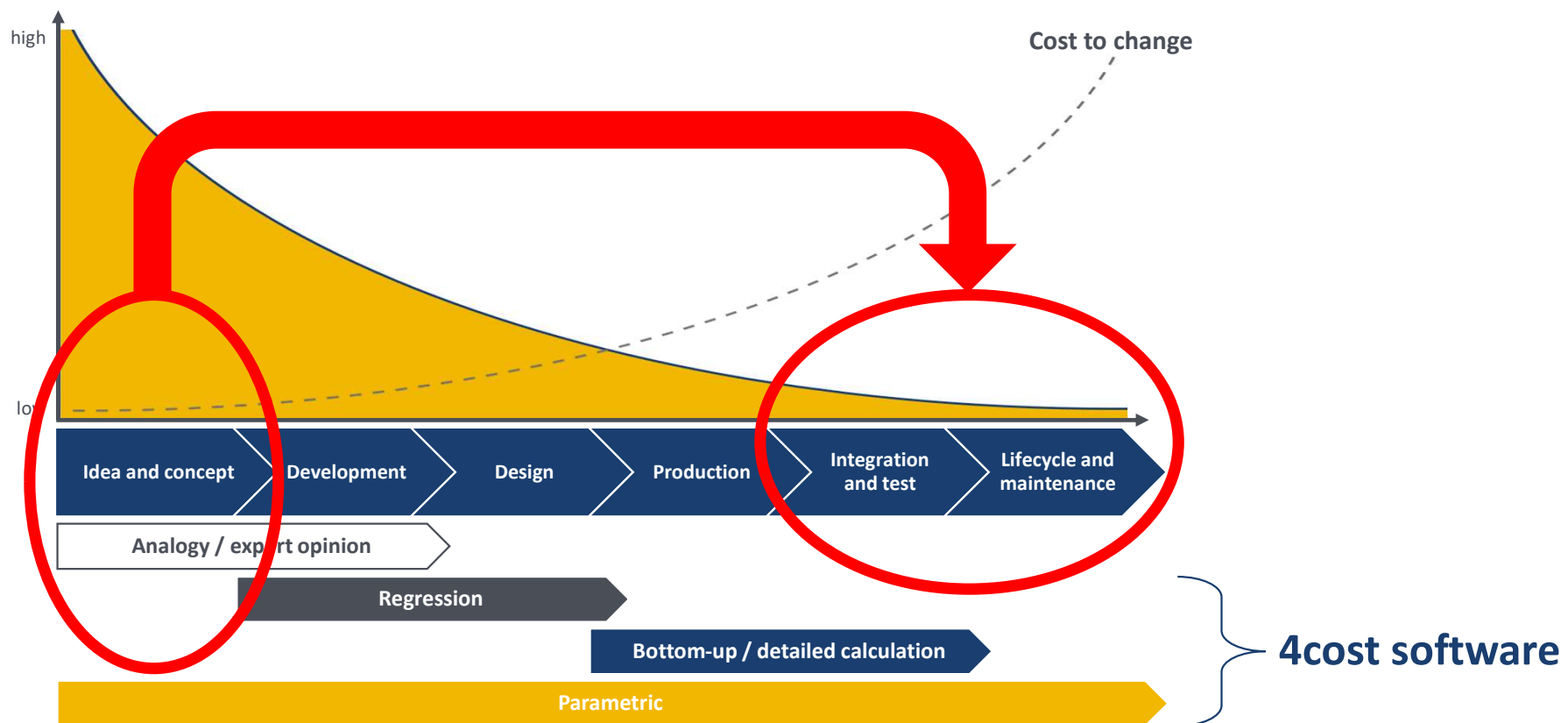


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VALUE IN COSTING



RC/NRC with AI-support | Costing throughout product life cycle



Conclusion | Benefits

Modern cost analysis with AI is possible!

- Even for early requirement or conceptual phases
- Impacts of design decisions or requirement changes could be simulated within minutes
- Budgeting becomes an easy job
- Negotiation with suppliers are founded to a technical approach (not a Turkish bazaar)
- Risk analysis could be made quick and transparent
- Sensitivity studies confirm cost estimates for investment AND $LCC = TCO$

Thank you very much for your attention

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