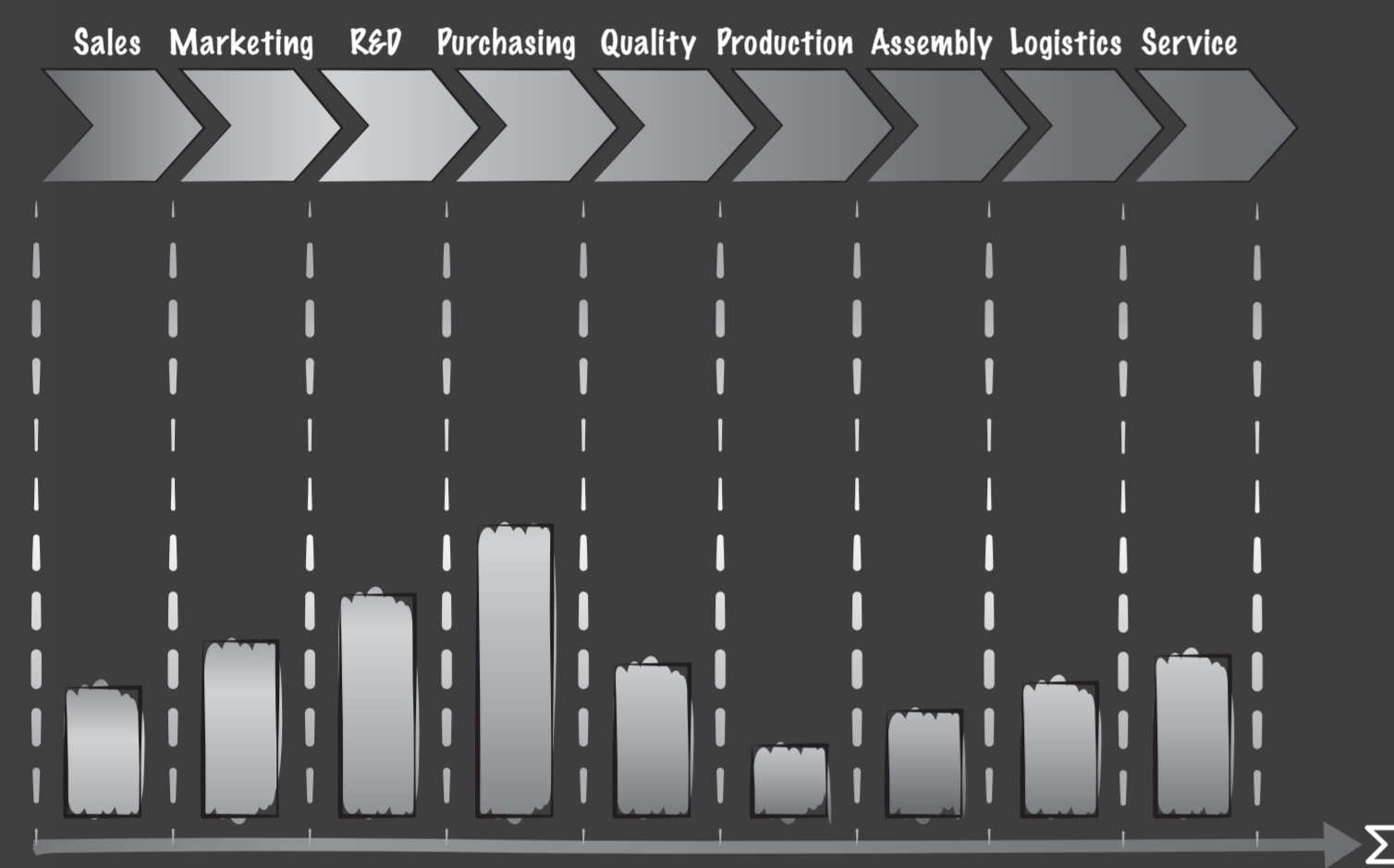


# PRODUCTCOSTDOWN

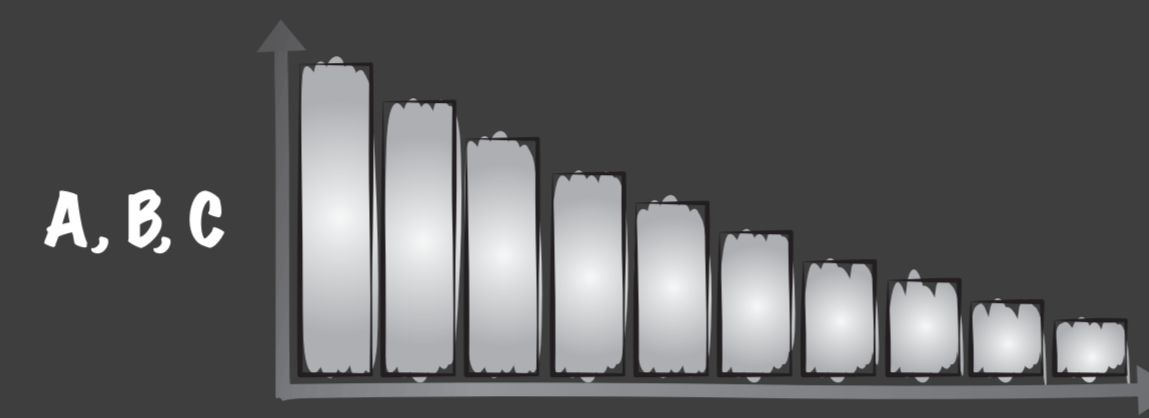
## PROCESS COSTS ANALYSIS

What does the product cost us in the full cost calculation?



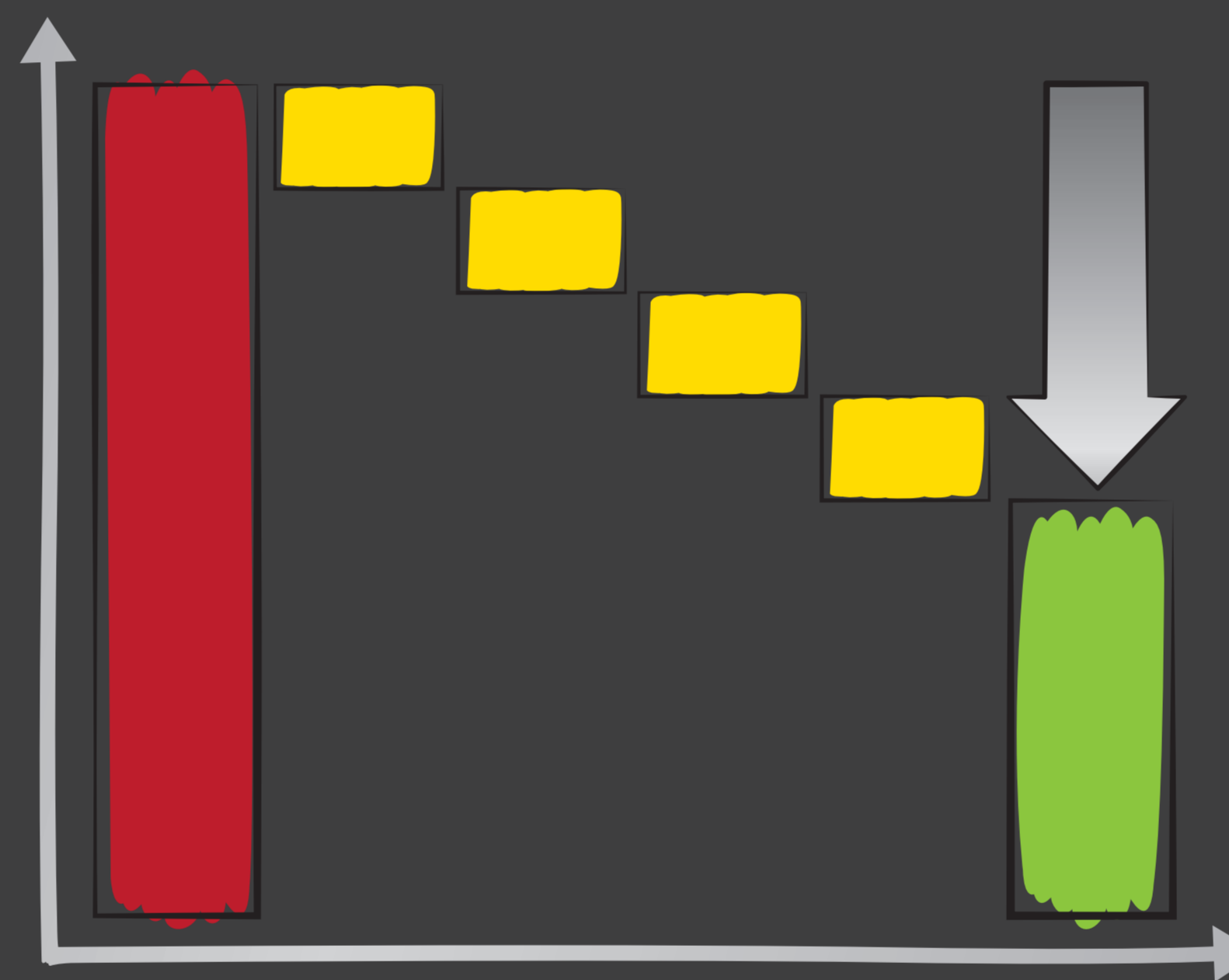
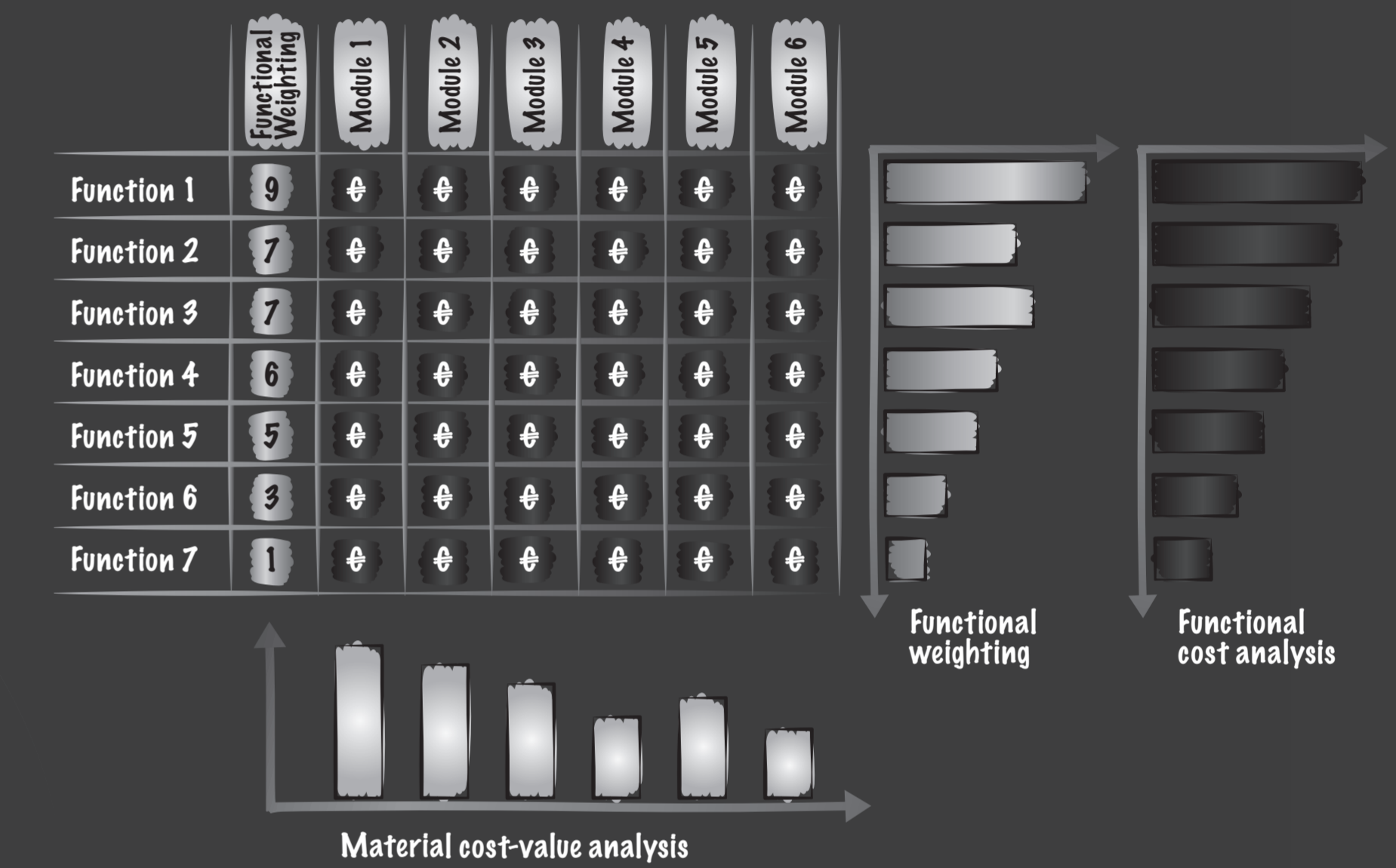
## VALUE ANALYSIS

Which part of the product has the highest material costs?



## FUNCTIONAL COST ANALYSIS

What is it worth to the customer?



## SMARTPRODUCTDESIGN

How do we design the product more intelligently?

- Reduction in the number of individual parts
- Integration of functions
- Substitution of cost-intensive parts
- Reduction of variants
- Focus on value enhancement
- Increasing the use of standard parts

## DESIGNFORSUPPLIER

How do we reduce purchasing costs?

- Make or buy
- Supplier bundling
- Early Supplier Involvement
- Product clinic
- Tolerance refinement

## DESIGNFORMANUFACTURING&ASSEMBLY

How do we reduce product costs in manufacturing and assembly?

- Shorter processing times
- Less set-up time
- Less idle time
- More pre-assembly
- Better pre-commissioning