

# Supplier Systems Engineering Course; Development Flow

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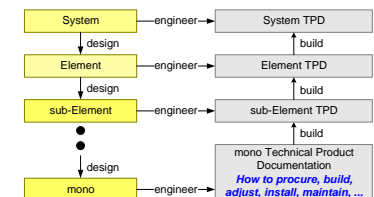
## Abstract

The development flow follows the V-model. This presentation shows how the development documents and the technical product documentation evolve recursively from system to monodisciplinary level.

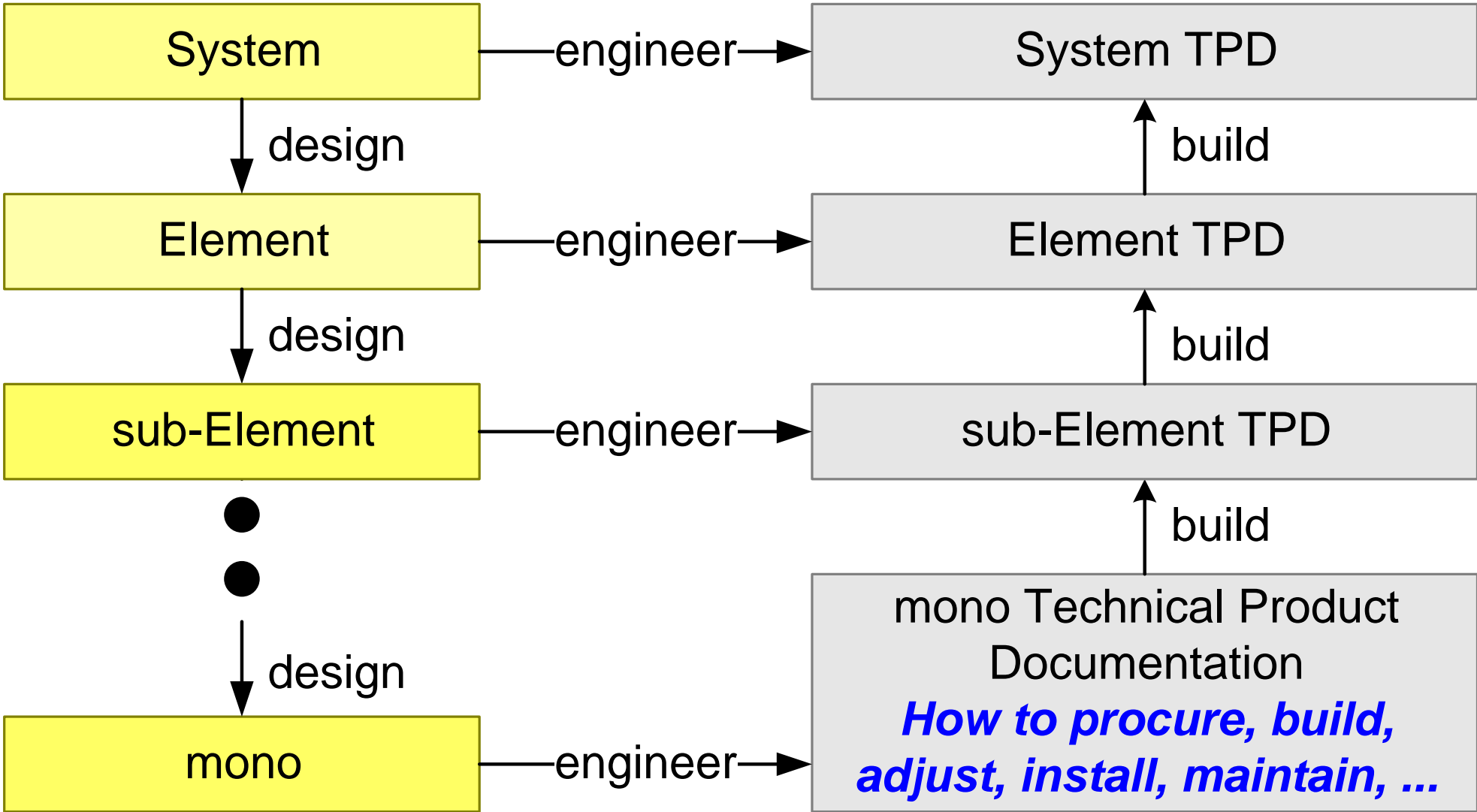
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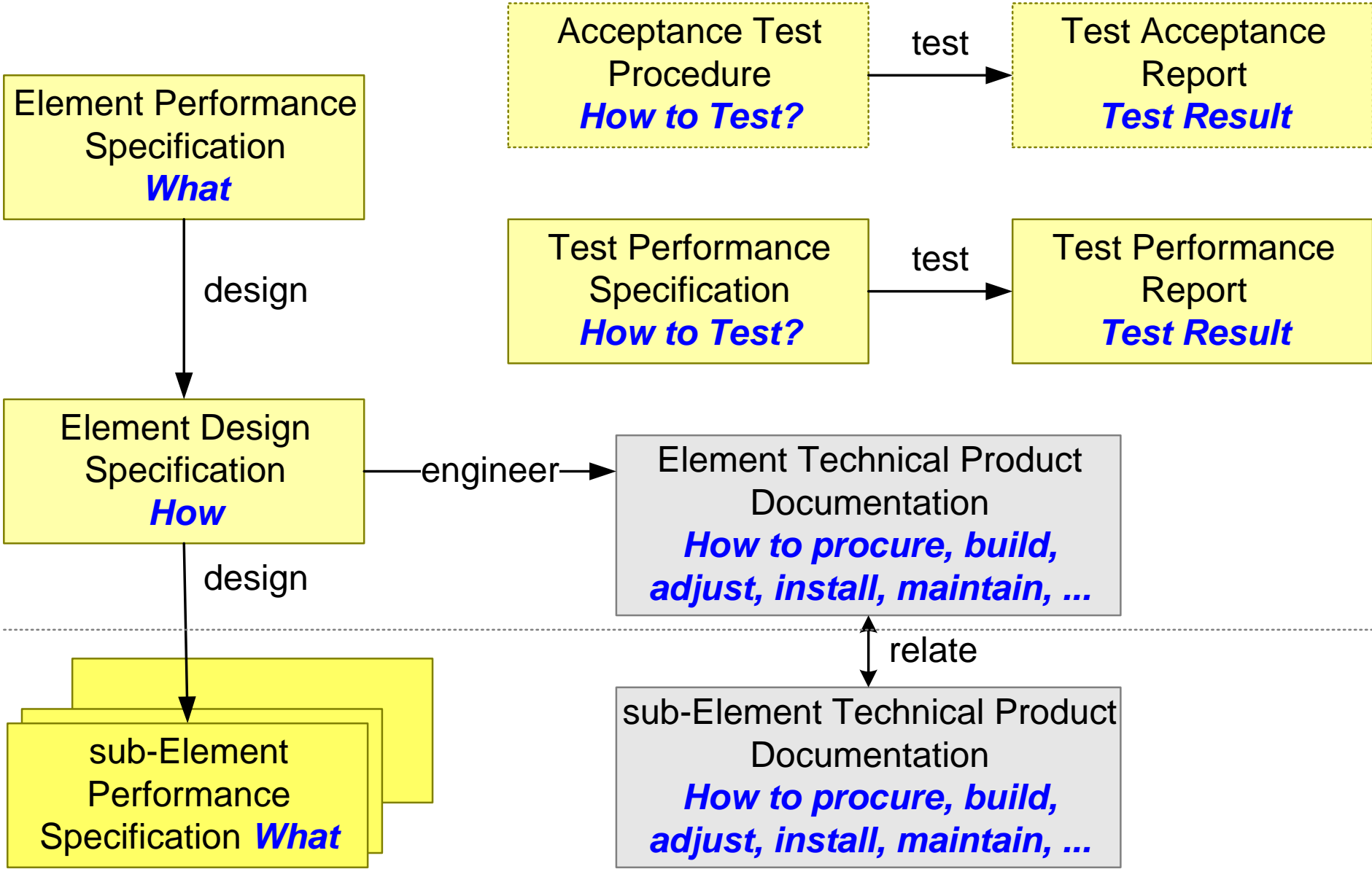
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# System Breakdown Hierarchy

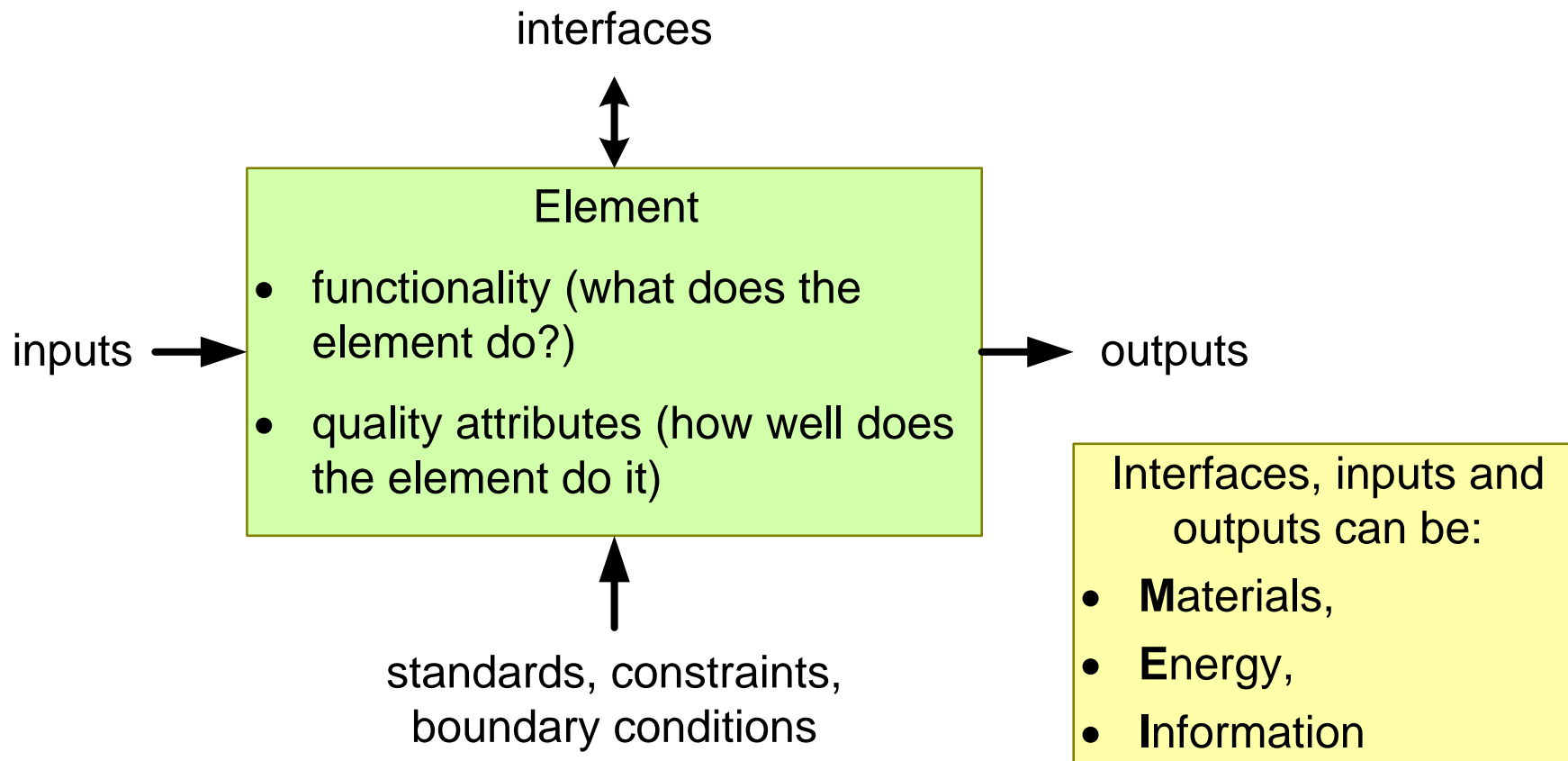


# Specifications per Element



# Performance Specification: What

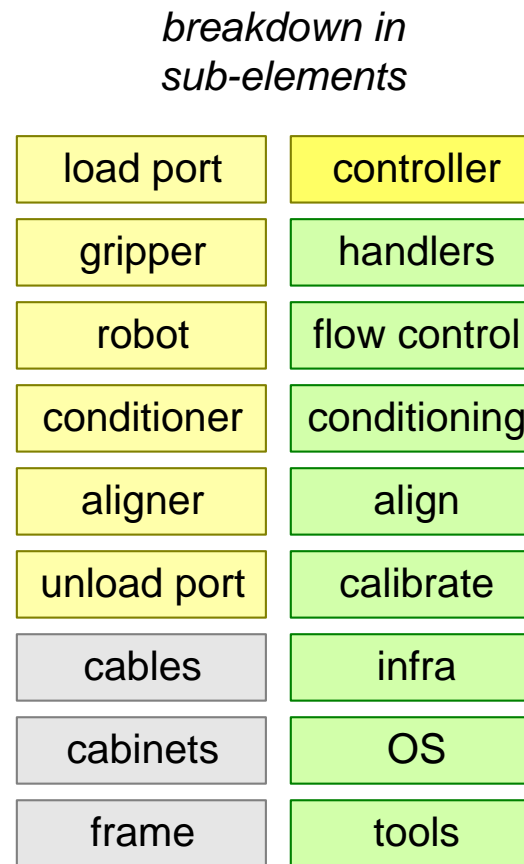
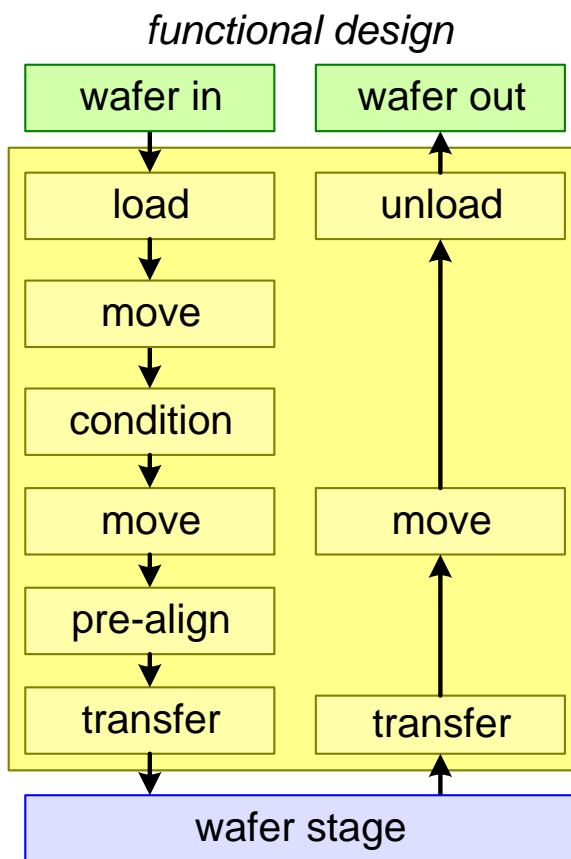
an Element Performance Specification (EPS) specifies an element as a black box: *What* the element should be able to do, not *How* it should work. An EPS specifies the requirements of the element “from the outside”



# Design Specification: How

an Element Design Specification (EDS) specifies the design of an element, e.g. the inside of the box: **How** the element will realize the specified functionality and quality attributes.

An EDS specifies the **functional design**, the **breakdown** into sub-elements, the internal **interfaces**, the **allocation** of functions to sub-elements, and the **allocation** of contributions to the **quality attributes** to functions and sub-elements.



*allocations of quality attributes to functions and sub-elements*

