

# The System Architecture Process

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## Abstract

The System Architecture Process is positioned in the business context. This process bridges the gap between the Policy and Planning Process and the Product Creation Process.

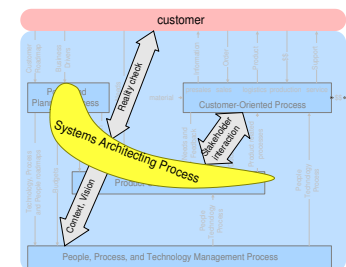
The purpose of the System Architecture Process is to provide the Integral Technical overview and consistency, and to maintain the integrity over time. Subjective characteristics as elegance and simplicity are key elements of a good architecture.

The scope of the system architecture process is illustrated by showing 5 views used in a reference architecture, ranging from Customer Business to Realization.

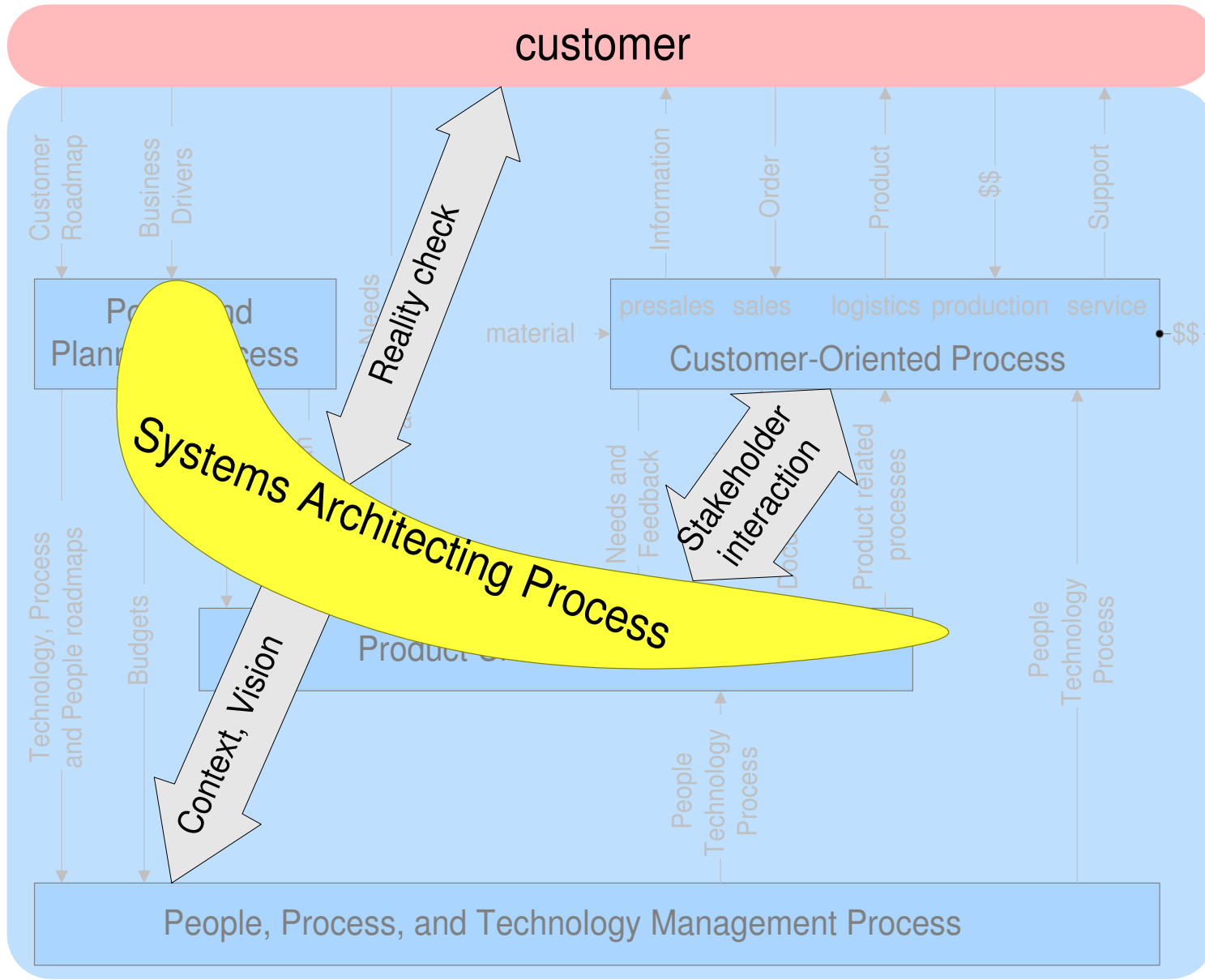
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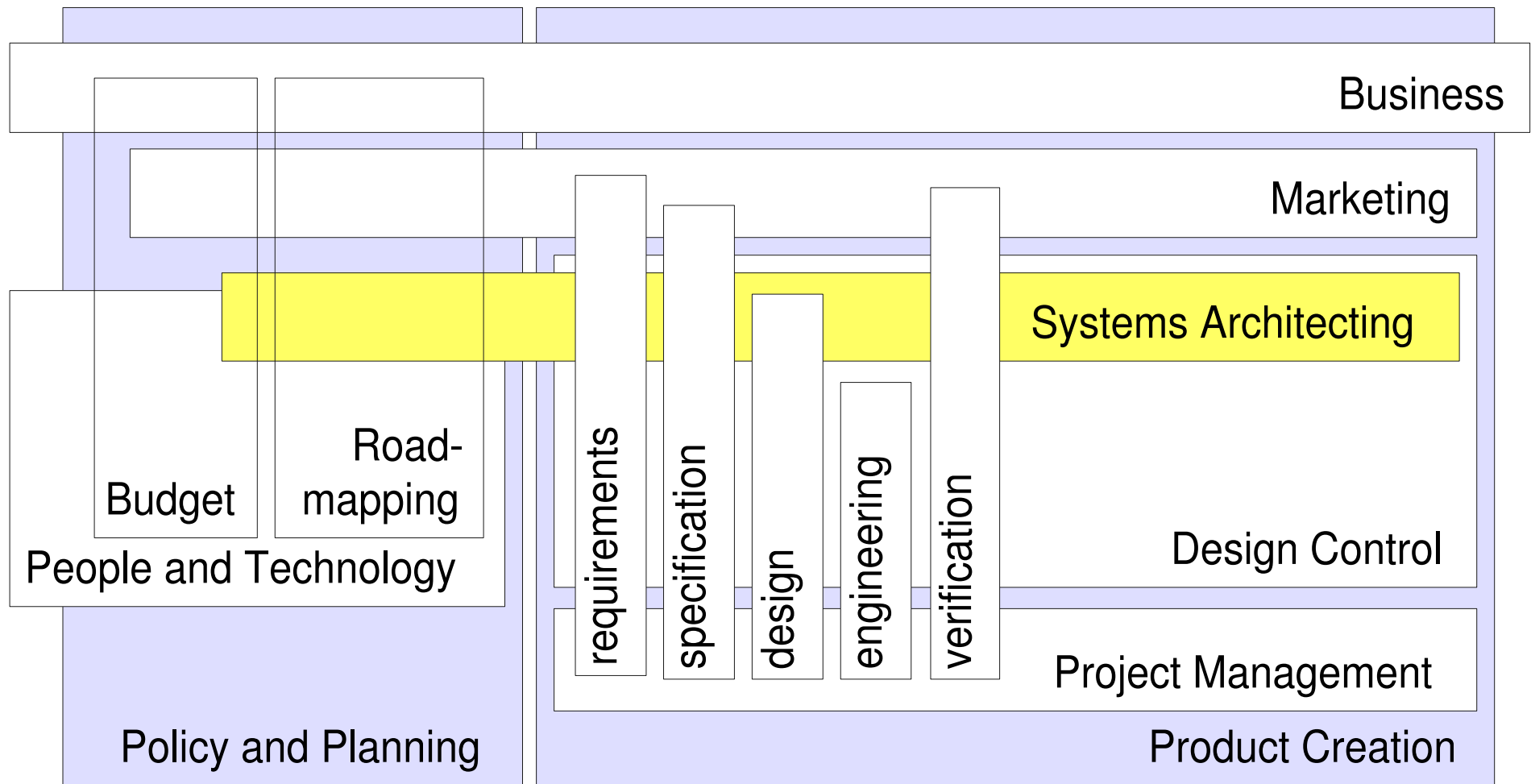
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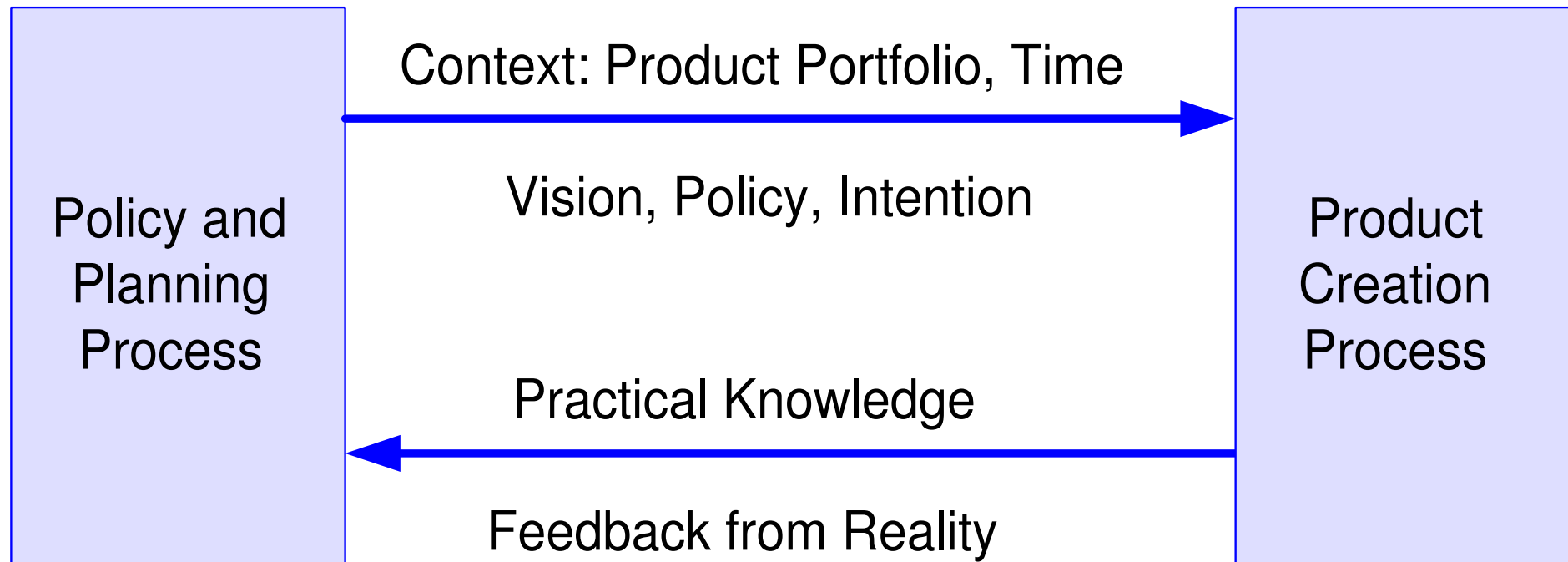
# System Architecting Process in Business Context



# Map of System Architecting Process and Neighborhood



# System Architecting Relation between PPP and PCP



# System Architecting Key Issues

## *key words*

balance

consistency

integrity

simplicity

elegance

stakeholder  
satisfaction

## *balancing acts*

External ↔ internal requirements

Short term needs ↔ long term interests

Efforts ↔ risks from requirements to verification

Mutual influence of detailed designs

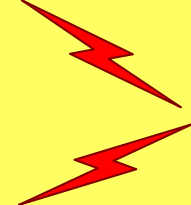
Value ↔ costs

## *example trade-offs*

performance



qualities



functionality



synergy



specific solution