

Reliability Management & Engineering

INVENSITY Center of Excellence Safety Management

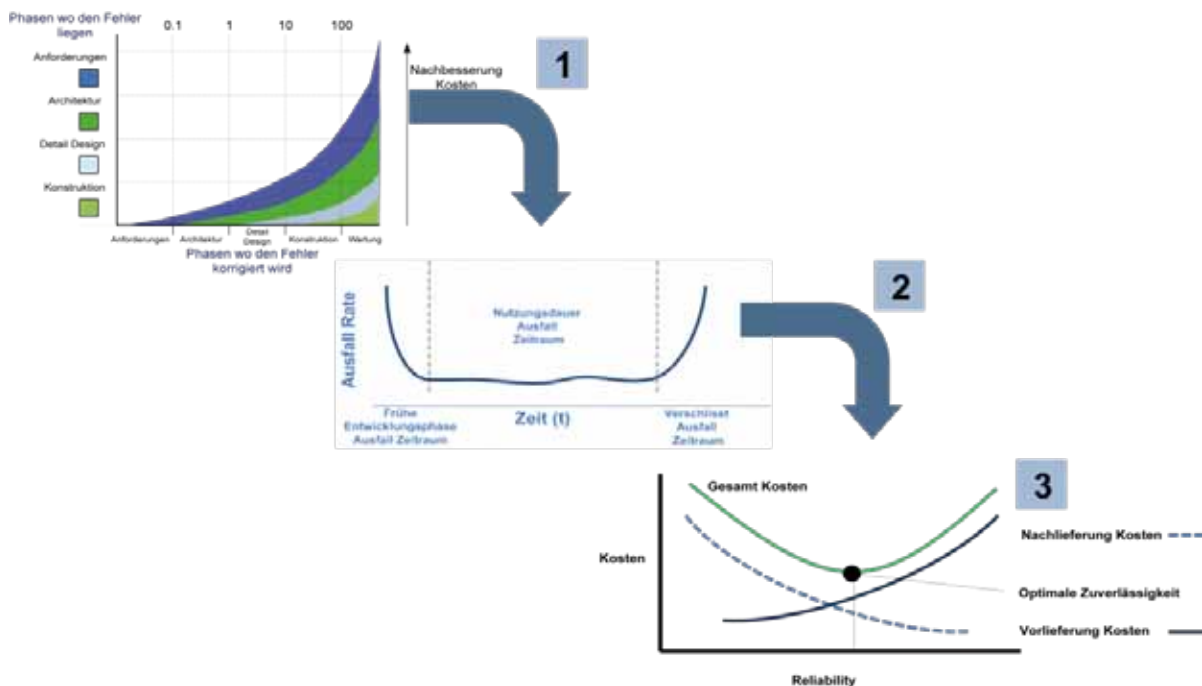
Background

While quality management improves and optimizes the quality of a product, the role of reliability management (RM) is to guarantee this quality over the longest possible period of time. It ensures that components, equipment and systems function with no malfunctions throughout the whole life cycle, while taking into account the specified maintenance intervals. The life cycle extends from conception to disposal. The Reliability Management & Engineering (RM&E) working group supports projects with the help of methods and tools based on experience, in order to identify potential faults or risks at an early stage in the life cycle.

Faults that already exist during the requirement phase may be overlooked if reliability management is insufficient. However, it has been shown that carrying out amendments during the requirement phase is significantly more cost-effective than carrying them out during the construction phase (1).

The RM&E working group develops methods which enable the reliability of products to be optimized throughout the service life (2).

Insufficient reliability management leads to high costs. However, reliability management that is too intensive can also be very cost-intensive. The RM&E working group boosts efficiency and offers our clients effective reliability management to achieve optimal reliability in their products (3).



Innovation made by talents

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