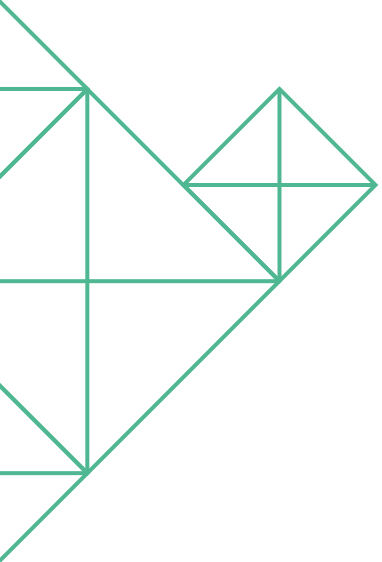


Life Cycle Support

Information and support for the life cycle of the product

Life Cycle Support produces information and support during the whole life cycle, related to environment, compliance, costs, usage and maintenance. Comatec's professional life cycle support assists in demanding investments, comparison of solutions and in offering processes. We provide life cycle support analyses and plans for different business sectors for the life cycle of product systems and production facilities.



Life cycle support offers comprehensive services throughout the life cycle of the product or production facility. The produced materials are used, for example, for maintenance program planning and optimization, environmental impact assessment and the comparison and selection of product concepts.

If necessary, the life cycle support services can be customized to be used individually or as larger packages. For example, a thorough review of the maintenance program enables the optimization of the maintenance budget, increase of operational reliability and reduction of environmental impact.

Combined with Comatec's extensive design expertise and resources, life cycle support enables even demanding product solutions.



ENVIRONMENTAL IMPACTS

- **LCA: Assessment of environmental impacts for the life cycle of the product/process.**
- **By decreasing environmental impacts it is possible to develop processes and discover new markets.**
- **Being a forerunner and transparent in environmental matters brings advantage in competition.**

LCA = Life Cycle Assessment



COMPLIANCE

- **Ensuring that the requirements set for the product can be met.**
- **Identification of critical failure effects.**
- **Reliability review (e.g., need for maintenance)**

RAMS =
Reliability – Availability –
Maintainability – Safety

FMEA = Failure Mode
and Effects Analysis



TOTAL COSTS

- **Takes into account system costs systematically.**
- **Combining RAMS-analyses into LCC-calculation makes it possible to recognize the most advantageous implementations regarding total cost.**
- **In addition to life cycle cost savings, system reliability increases.**

LCC = Life Cycle Cost



USAGE AND MAINTENANCE

- **Proactive and cost-effective maintenance.**
- **Customer satisfaction and excellent usability.**
- **Optimization of orders and spare part stock free up capital.**

MAC = Maintenance
Allocation Chart

RCM = Reliability
Centered Maintenance