

GREEN ENGINEERING PRINCIPLES

- Minimising the energy consumption of the technological plant throughout its entire life cycle.
- Optimised and efficient room and space planning, as well as minimising area removal and soil sealing.
- Optimised civil engineering concepts and, where possible, the reuse of excavated material, as well as the development and implementation of soil protection strategies.
- Preferably, the generation and use of renewable energy, as well as minimising the use of “grey“ energy.
- Minimising energy consumption and environmental impact during the extraction, manufacturing, transport and installation of building materials and supplies.
- The use of building materials and supplies that have been produced in an environmentally friendly and resource-efficient manner, or raw materials that will remain “readily available“ in the long-term
- Planning and implementation of an optimised site organisation, including:
  - An efficient logistics concept,
  - reducing noise and CO_2 emissions, as well as
  - waste and water management.

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