

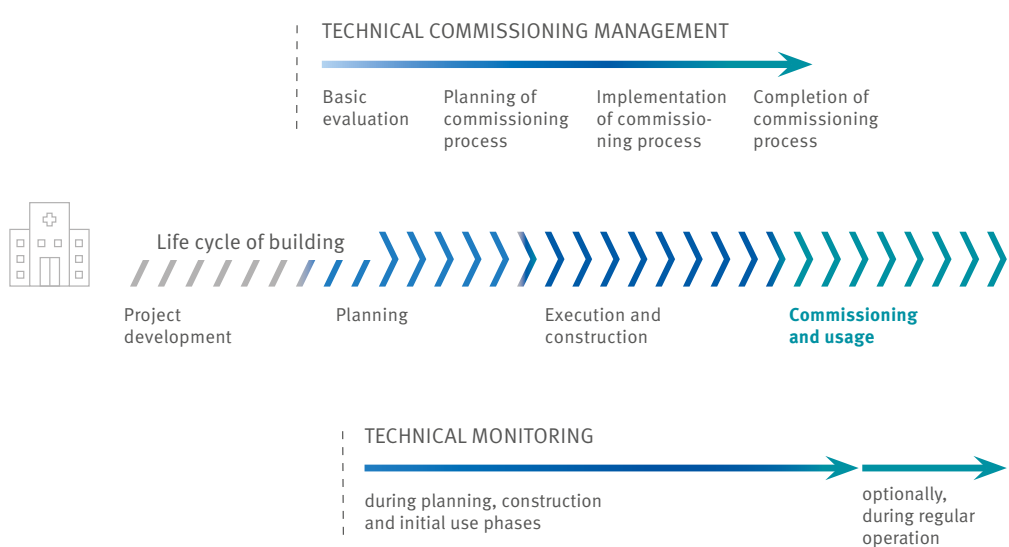


TECHNICAL COMMISSIONING MANAGEMENT AND TECHNICAL MONITORING

Faultless Commissioning and Functional Property Operation in the Healthcare Sector

Your Challenges

In many construction projects in the health sector, the technical and functional features and the energy efficiency of the building are not checked until the installations have already been completed and handed over. However the required functions and the energy targets defined in the planning process are hardly ever achieved in practice – whether in new or refurbished buildings. In some cases, serious defects are even discovered. This usually leads to expensive delays, additional work and change-orders because hospitals, more than most other types of building, must have fully functional technical systems.



Our Solutions

Within the frame of technical commissioning management and technical monitoring we analyze and supervise all integrated building planning and construction processes. We check the requirements and demands of the client and keep an eye on the necessary functions. Our goal is always to provide the operating company with a defect-free and fully functional building from the very first day of its use.

The central focus of the technical monitoring is to achieve optimized energy-efficient operation of the building as soon as possible and to implement the desired functionality and quality of the building and the technical installations. Technical monitoring helps save resources in several ways. It not only reduces the time which must be invested by both the client and the operator (e.g. for defect tracking), it also checks and minimizes the energy consumption.

Our Services for You

- › Viewing and monitoring of specifications, requirements and/or documentation provided by the client (reconciliation of documents)
- › Review of adherence to legal construction requirements (e.g. fire protection plan)
- › Integration of commissioning management into the project organization
- › Inclusion of user appliances and fittings in the commissioning process

We take account of project schedules and deadlines. Our expert teams support you in the preparation of tender documents.

Our Extra for You: the EMS System

As a standard, Drees & Sommer uses its proprietary energy management system (EMS), a database system, for technical monitoring. This tool is capable of processing also large volumes of data. EMS automatically generates energy and systems reports that you can use for your sustainability reports, for instance. The system can be easily accessed.

Added Value for You

- › Evaluation of the client's basic planning data in preparation for the technical commissioning
- › Analysis and evaluation of planning results relating to defined technical commissioning goals
- › Structured commissioning planning leads to a high level of schedule reliability
- › Securing the full usability of the building from the first day of handover
- › Energy-optimized operation and high functionality of buildings, installations and systems
- › Basis for an integrated CO₂ policy approach, as well as ESG compliant real estate management and corporate governance
- › Satisfied users and operation in compliance with legal requirements

Your contact for a seamless commissioning management and energy-optimized operation of your health facility systems: healthcare@dreso.com. Or visit our website: dreso.com/healthcare.

Drees & Sommer is your innovative partner for Consulting, Planning, Construction and Operation. As a leading European consulting, planning and project management company, Drees & Sommer has been supporting private and public sector clients and investors for over 50 years in all matters relating to real estate and infrastructure – both analog and digital. Through pioneering consulting, the company offers solutions that deliver successful buildings, high-yield portfolios, efficient infrastructure, and livable cities. Working in interdisciplinary teams, the company's 4,500-plus employees at 51 regional offices worldwide support clients from a wide range of industries. The Partner-managed company delivers all services on the understanding that economy and ecology must be combined. At Drees & Sommer, this holistic approach is called *the blue way*®.