

CUSTOMIZED SMART BUILDINGS



INTELLIGENT BUILDINGS HAVE MANY ADVANTAGES

Why Smart Buildings are important for you as a user and for your company



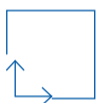
Optimized processes lead to energy savings of up to 35%



Intelligent infrastructures lead to an increase in user productivity up to 15%



Achieve process optimization of up to 20% in the planning, construction and operation of your building



A connected building enables up to 50 % more space efficiency – same resources for better function



An intelligent infrastructure ensures healthy environments: Happy work environments, happy tenants, happy building users



Real Estates unlock efficiency when furnishing reproducible data – where data is gold and the key to a sustainable future



Smart Buildings transcend sustainability; digitalization elevates your property's value by up to 25%

The challenges

In the realm of construction and building, a host of challenges loom large, directly impacting you. From sourcing future energy and materials to grappling with soaring construction costs. Navigating the intricate web of ESG and EU Taxonomy requirements. Adapting to demographic shifts and evolving work paradigms. Safeguarding against cyber threats and ensuring robust data protection while maintaining adaptability. At Drees & Sommer, these are the problems we've dedicated ourselves to solving. For years, we've tirelessly pursued innovative solutions.

Our focus? Ingeniously interlinking buildings, individuals, and business processes.

The linchpin? Digitalization - the key that opens the door to a realm we refer to as **Smart Buildings**.

What are Smart Buildings?

Smart Buildings are a new frontier in modern construction, driven by a fundamental element: **data**.

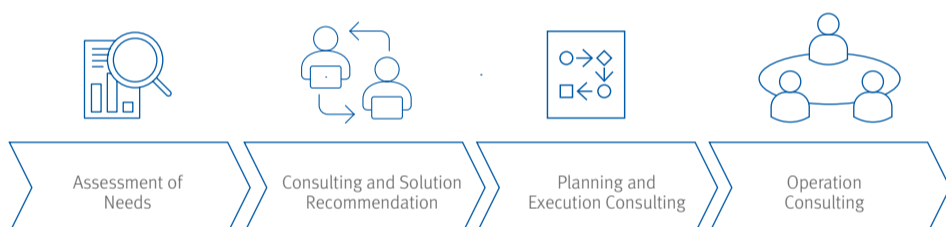
- > **Data-Driven Decisions:** They rely on systematic data collection and analysis for informed choices.
- > **Efficient Energy Use:** Understanding consumption patterns enables optimal energy utilization.
- > **Forward-Thinking Design:** Smart Buildings foresee the future, both in new constructions and savvy revitalizations.
- > **Regulatory Excellence:** They meet and surpass industry standards, ensuring compliance with regulations like the EU Taxonomy.
- > **Enhanced User Comfort:** Beyond functionality, they elevate satisfaction and comfort.
- > **Seamless Operations:** Smart Buildings streamline facility and real estate management, preempting disruptions.

In essence, Smart Buildings represent a paradigm shift, leveraging data and technology to create spaces that are not only highly functional but also future-proofed and user-centric. They are poised to revolutionize the way we experience and interact with the built environment.

Our solution: Customized Smart Buildings

For us at Drees & Sommer, a building is truly smart when it embodies adaptability. It's not just about meeting current demands, but about intuitively regulating itself based on your and your company's distinct needs, desires, and the solutions you seek for your specific challenges. This level of adaptability is where true customization comes to life. We understand that your and your company's requirements are unique, and that's why we don't offer one-size-fits-all solutions. Instead, we craft a bespoke strategy for each client, ensuring that your building isn't just smart, but intelligently designed to cater to your individual aspirations and concerns. Your space should resonate with your vision, and that's exactly what we're here to achieve.

How we do it



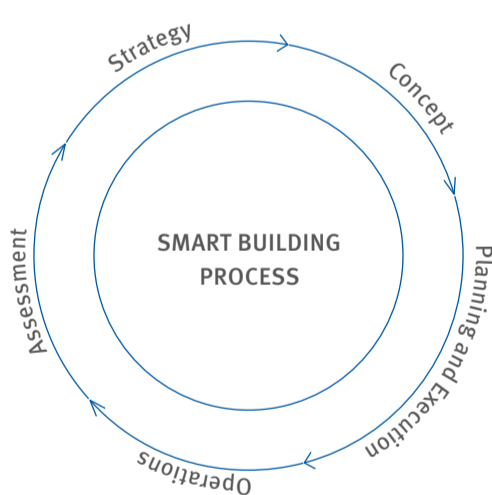
Our process: Global Smart Building Consulting

Call to action

So when should you reach out to us?

- > If you need a tailor-made, digital strategy for your company and for your real estate portfolio.
- > If you want to make an existing building fit for the future.
- > If you want to build a new building that is flexible and at the same time sustainable and in which people are healthy and happy

Overview of Smart Building Portfolio Services for existing and new buildings:



Our Customized Smart Building projects consist of five pillars

Digital Readiness Assessment and Overview Service Portfolio:

Digital Ready Check

Understanding the existing building/site/planning, its thresholds and potential for the integration of digital services.

Strategy

Develop a unique strategy, employing various programming methods to unlock the full potential of the client's portfolio.

Concept Development

Coordinate the design process and conduct **thorough** testing to ensure optimal digital performance, while meeting timeline requirements.

Planning & Execution Consulting

Coordinating the design process and conduct thorough testing to ensure optimal digital performance, while meeting timeline requirements.

Digital Operation Consulting

Enabling a smooth transition for building operations, by training personnel and overseeing digital dashboards and operation. Optimizing KPIs ensuring high building performance on site.



More information

Your contact: csb@dreso.com

Drees & Sommer is your innovative partner for consulting, planning, construction and operation. The leading European consulting, planning and project management enterprise, Drees & Sommer has supported private and public clients and investors for over 50 years with all aspects of real estate and infrastructure – both analog and digital. Through future-oriented consulting, the company offers solutions that deliver successful buildings, high-yield portfolios, powerful infrastructure, and livable cities. More than 5,100 employees work in interdisciplinary teams at 59 locations worldwide with customers from a wide range of sectors. All the services provided by the partner-run company take into consideration both economic and ecological concerns. Drees & Sommer calls this holistic approach *the blue way*®.