



Smart Labs



Here's where
we create a
healthier world

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About



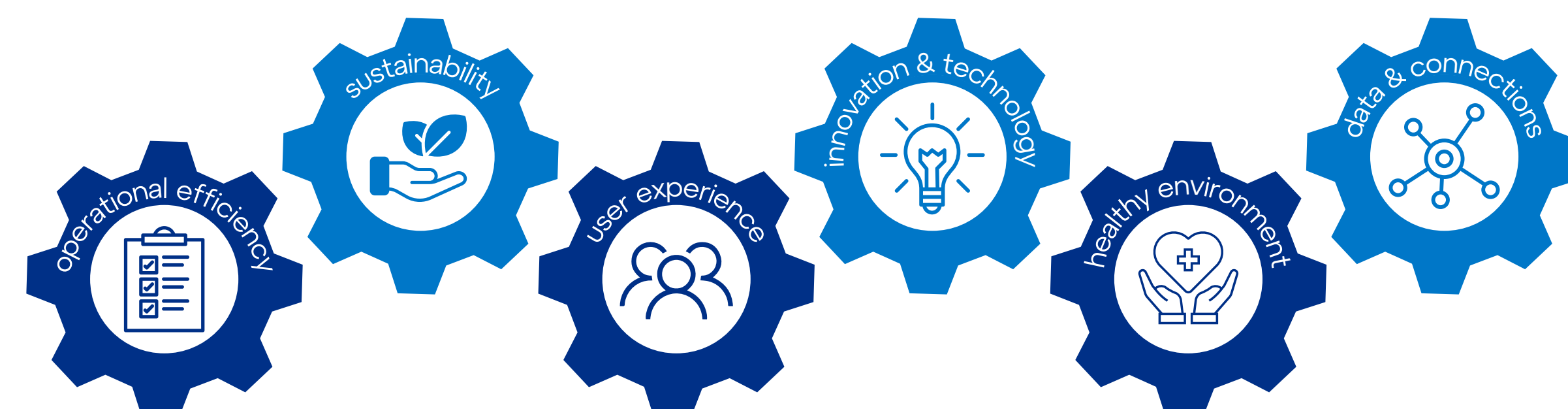
Deerns is a highly experienced multinational engineering consulting firm designing state-of-the-art building systems and manufacturing facilities. Our services cover the entire lifecycle of high performance buildings, specialising in the design and optimisation of installations for people to thrive.

Compliance	GMP, ANNEX1, ESG
Sustainable	LEED, BREEAM, CRREM, WELL, QHSE, Whole Life Carbon
Smart	Digitally enabled future-ready designs
End-to-end	From FEED to Commissioning, Qualification and Validation
Industry leading	Working with leading clients in pharma, biotech, nutraceuticals and Med-Tech

Towards smart, healthy and sustainable lab environments





Why now?

- Stringent regulations and reporting requirements
- High energy and material prices
- Competitive labour market
- Necessity for healthy work and recovery environments
- Waste & asset management, operations, and maintenance issues
- Demand for resilient and futureproof buildings

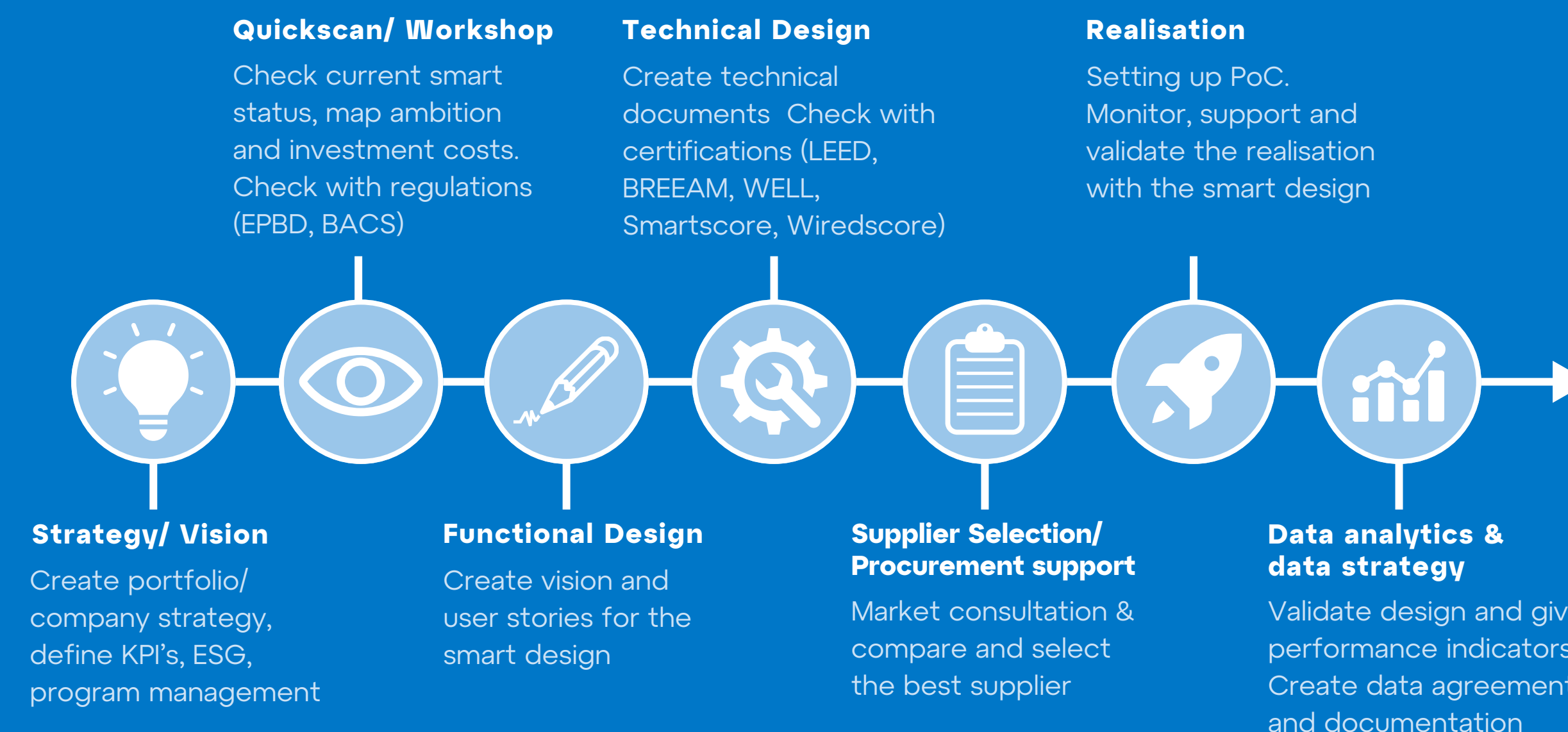


Legislation

Smart is becoming a requirement with the new regulations.

-  Energy Performance of Buildings Directive (EPBD)
Smart Readiness Indicator (SRI) mandatory for new buildings from 2026
-  Building automation and control system (BACS):
Energy Management Systems and control systems required from the beginning of 2026
-  Support with CSRD reporting
-  Data related to the Energy Performance, BACS, meters and e-mobility charging points

Smart Lab Services



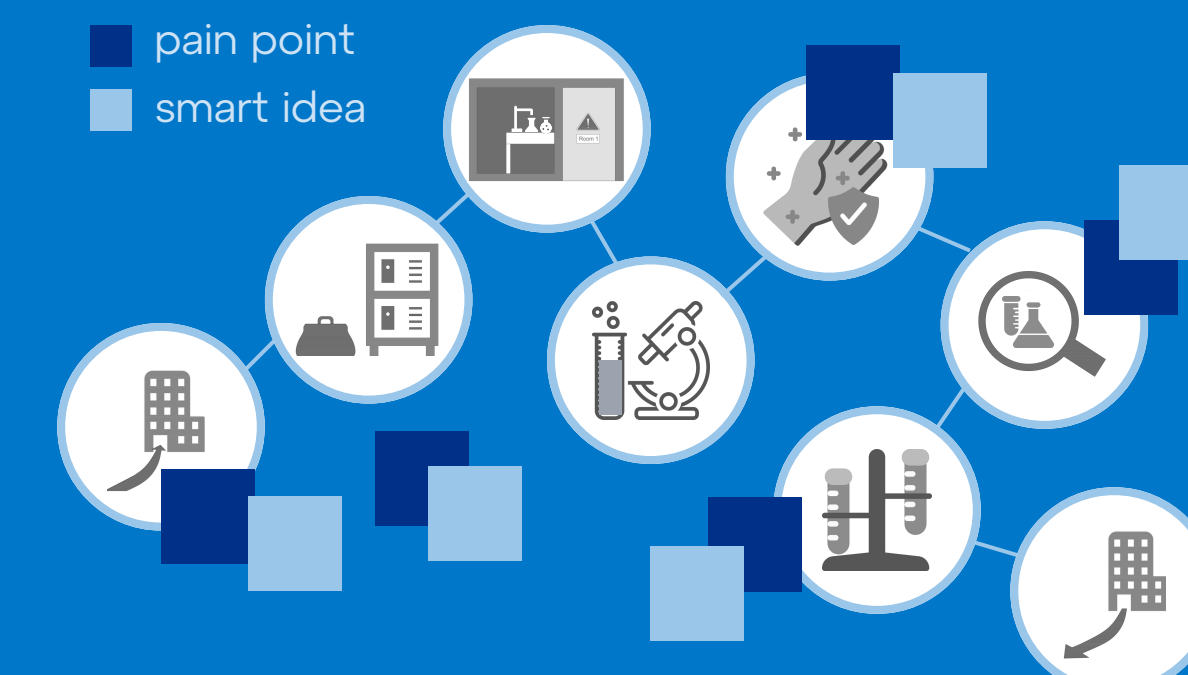
QuickScan

Assess your building/portfolio based on a holistic approach and map and budget your ambition for the future. The process involves the following five steps:

-  Check the smart building status
-  Define ambition with interactive workshop*
-  Translate ambition into smart functionalities
-  Define the necessary investment
-  Align with regulations

*QuickScan Workshop

Multiple stakeholders create user journeys and identify needs. For example, we consider the lab employee user journey, identifying pain points and smart solutions.



Smart Lab References

