



# Caverion in brief

# We enable performance and people's wellbeing in smart and sustainable built environments

Caverion designs, builds, operates and maintains intelligent and energy-efficient solutions for buildings, infrastructure and industry. Our customers can trust Caverion expert guidance throughout the entire lifecycle of their buildings, infrastructure and industrial sites and processes. It is all about building performance and helping you reach your goals. We will prove this with tangible outcomes and measurable results.

Our life is shaped by the environments we build around us. By making built environments smart and sustainable, Caverion enables performance and people's wellbeing.



**Buildings & Infrastructure**



**Industrial Operations**

**BUILD**

**SMART**



**MAINTAIN**

**PARTNER**

## We build performance with you throughout the lifecycle of your built environment

### Build

With the future in mind, we design, engineer, build and install what transforms concrete into a living site; Considering maintenance in the initial planning of a building project can reduce annual energy and maintenance costs by up to 30%. Let us set the foundation for a lifecycle of building performance.

- **Your outcome:** Predictability, reliability, speed and transparency, optimised lifecycle costs for long-term investment security, reduced costs & risks
- **Our services:** Building services and industrial engineering, technical installations, project management, modernization and investment projects, multiple contract and partnership models

### Smart

We combine advisory services, hardware, software and data analytics to address customer requirements with a complete solution. Our energy solutions deliver optimal outcome, helping you to reduce costs and your carbon footprint and to contribute to a sustainable future.

- **Your outcome:** Energy savings, meeting sustainability targets and legal requirements, enhanced property performance and attractiveness, improved operations, improved productivity, reduced downtime
- **Our Services:** Consulting services (SRI, energy efficiency,...); digital solutions (remote services, platforms,...), smart technologies (Automation, security, cooling & refrigeration, telematics,...), IoT & AI powered solutions, industrial maintenance consulting, management and development

### Maintain

We maintain what is installed. Not to preserve the status quo but to continuously improve. We keep facilities at the height of functionality with minimal energy consumption. We ensure 24/7 operations for high quality, save and uninterrupted production of energy, supplies and materials.

- **Your outcome:** Efficiency and peace of mind, flexibility, a single point of contact, uninterrupted business continuity
- **Our Services:** Technical maintenance, tailored upgrades, modernisations, renovations, industrial maintenance and shutdown services

### Partner

Being a Partner does not end with a project. It is about being a trusted expert advisor for a lifetime. Growing together, enabling you for building performance on the way to the future.

- **Your outcome:** High-performing cost-efficient assets, a partner that lets you focus on your core activities, optimised production efficiency, reliability, availability, excellent end-user experience
- **Our services:** Facility, property and lifecycle management services, operation & maintenance (O&M) of industry and energy facilities, outcome based services



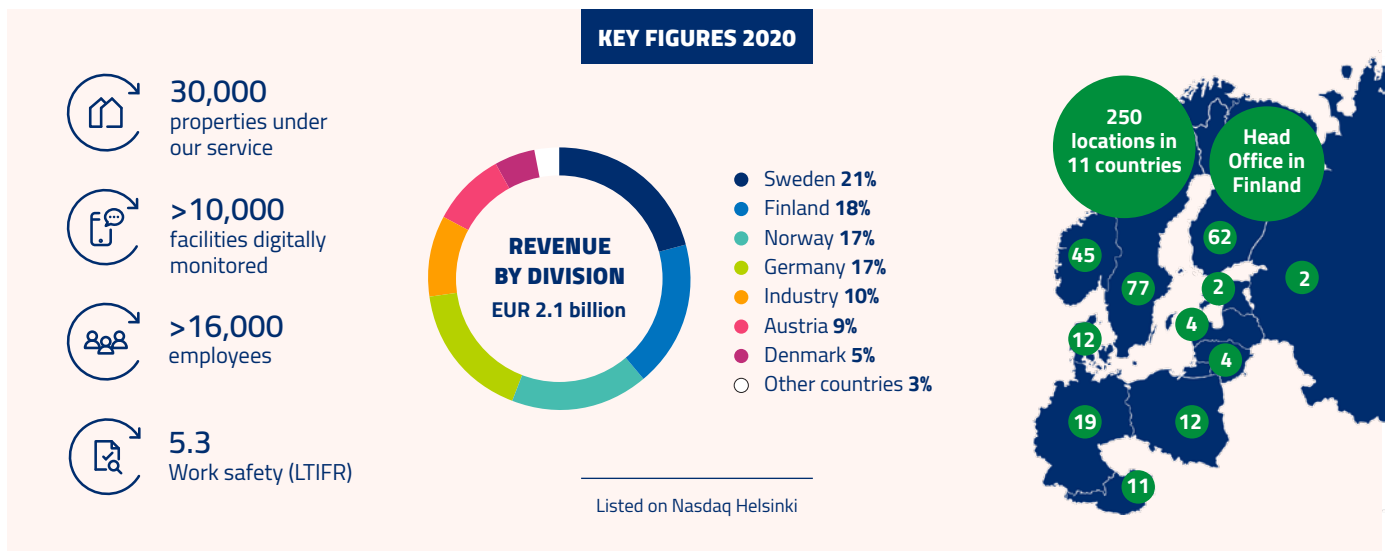
## Sustainable outcomes for your contribution to the smart city

Cities are key in the battle against climate change

By 2050, 2.5 billion more people will live in cities. Cities consume 70% of the world's energy and generate 70% of the world's greenhouse gas emissions. Also, value - 70% of the world's GDP - is generated in cities. Also, up to 90% of the buildings in 2050 already exist today.

Therefore, urban renewal, i.e. the modernisation of existing built environments, is by far the most effective means of combating climate change. Caverion is your solution provider for making your built environment ready for the requirements of the future and securing your business and attractiveness as property owner or employer.

Smart Cities are created with the goal to provide their inhabitants with a healthier, safer and more comfortable life environment. Smart Buildings, smart factories, infrastructure and transportation are the scalable key elements of a smart city. They must comply with the same design principles as the whole smart city, i.e. be user-driven and ecologically friendly. Buildings have to be flexible, adaptable and network with the surrounding city. Caverion wants to shape this urban renewal, combining experience and expertise with new technological, commercial and customer tailor-made services.



# You give us the challenges, we find solutions!

## TECHNOPOLIS

Technopolis provides flexible and efficient office spaces, coworking spaces and related services.

- › Technopolis chose Caverion for its unified operating models across countries and ability to grow globally with them.
- › Caverion is responsible for energy management of the campuses in Finland, Sweden and Norway, including 24/7 remote services.

## AVINOR

Avinor is Norwegian airport operator responsible for 44 state owned airports.

- › Avinor needed a solid partner with high security expertise.
- › Caverion offers installation and maintenance of access control and video surveillance with short response time, nationwide presence at all Avinor's airports in Norway.

## CENTRUM

Real estate developers CENTRUM Projektentwicklung GmbH in Düsseldorf and B + L Hamburg have developed the real estate project "Kö Bogen II" at a top location in Düsseldorf. The sustainable building includes retail as well as office and gastronomy.

- › Caverion was chosen as partner for their sustainable technical solutions and expertise in executing large projects in a short time.
- › Caverion acts as technical general contractor and implements air conditioning, cooling and heating&sanitation.

## fortum

Fortum is a leading clean energy company developing and providing solutions for customers in electricity, heat, cooling and resource efficiency.

- › Fortum wanted to continue to develop its hydropower business and extended its partnership with Caverion Industry (former Maintpartner). Caverion is responsible for the local operation and maintenance of Fortum's thirteen hydropower plants.
- › Caverion Industry also operates and maintains some of Fortum's district heating networks in Finland and Poland as well as CHP and thermal power plants in Finland.

## AstraZeneca

AstraZeneca is a global innovation-driven biopharmaceutical company.

- › AstraZeneca was looking for a partner offering high customer satisfaction, security, environmental considerations and cost control.
- › Caverion is responsible for operation and maintenance of AstraZeneca's Swedish facilities in Södertälje and Gothenburg including administrative and technical management and systematic fire protection.

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