

**Get ready for tomorrow's
energy production**

**Fortum
eNext**



Smart energy solutions for a low-carbon economy

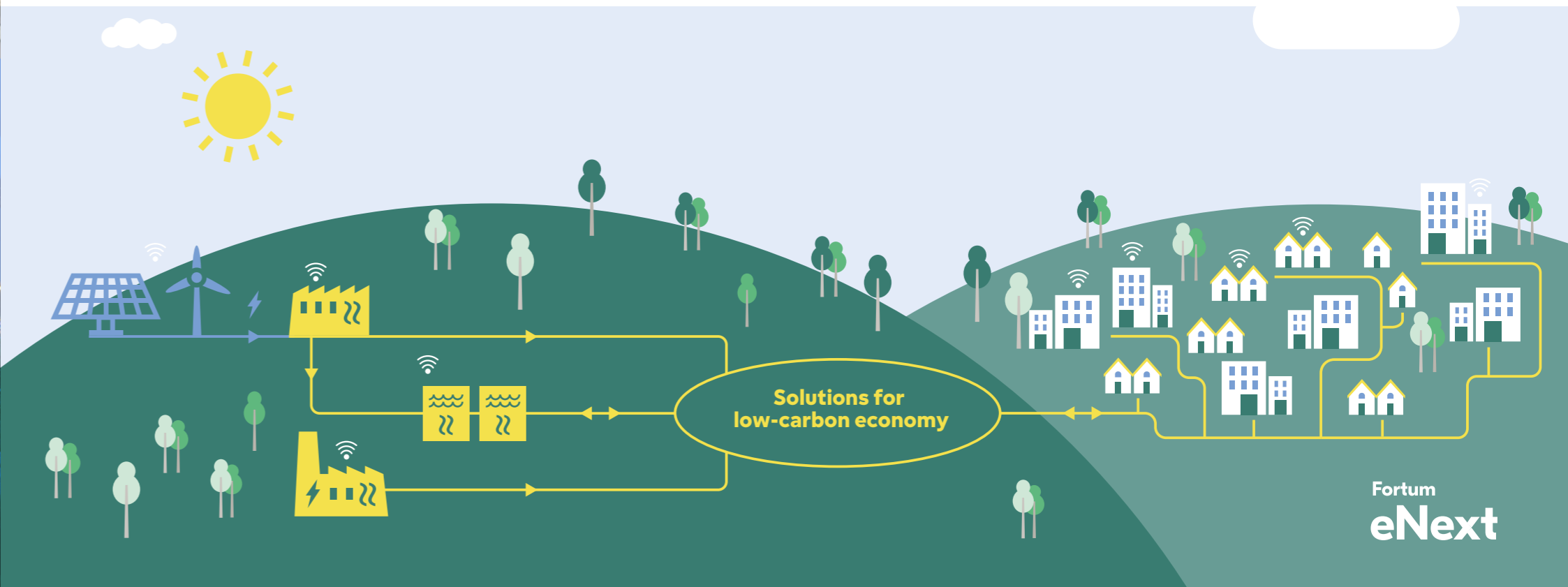
The energy industry is undergoing an immense transformation and the development is faster than ever. The urgency to rapidly move towards low-carbon economies has profoundly changed the operational environment, and this calls for smart and sustainable solutions throughout the energy value chain.

Fortum eNext is committed to supporting energy producers in adapting to the industry transformation and the changing operational and

environmental requirements, thus facilitating the transition to a low-carbon energy system.

We help power and heat producers in maximising the availability and performance of their assets. Building on the heritage and know-how of running and optimising our customers' and our own operations, we offer expert services in power plant operations, maintenance, and modernisations. Together with our customers, we are tackling the challenge of providing clean, reliable, and affordable energy to end users. This includes developing low-carbon solutions for local energy systems and electrifying customers' processes.

Read more: fortum.com/enext



Future-proof performance through three service areas

Smart Operations

Helping you run your plant with the industry's best knowledge and technology

Fortum eNext provides full-scope Operation and Maintenance (O&M) solutions for power plant owners and investors. We run your plant with the industry's best knowledge and technology. Our aim is to ensure that your assets have high availability, efficiency, and reliability, with the highest standards in safety and sustainability. This expertise stems from long experience in serving both our own fleet as well as a wide range of international O&M customers. With excellent performance in operating several third-party power plants, Fortum eNext is also seen as a trusted service provider in the eyes of financial stakeholders.

Digital technologies form an integral part of safe and flexible power plant operations. Our digital solutions, together with extensive in-house knowledge of O&M excellence and plant performance, ensure maximised returns throughout the asset's life cycle. This holistic approach guarantees best practices and a strong O&M culture for successful operation of your plant far into the future.



Safety is our everyday priority – Grangemouth CHP plant in Scotland has been operated by Fortum eNext with no lost workday injuries since 2001.



Did you know? Our generator diagnostics is based on 100 identified failure modes of a generator.

Turbine and Generator Services

Best-in-class lifetime management for your rotating main equipment

With decades of experience in plant perfection, we are fully equipped to help you manage your rotating main equipment, from maintenance planning and optimising risk levels to implementing overhauls, modernisations, and repairs. We offer a full range of services for steam and gas turbines, generators, and automation and protection systems, all the way from the turbine to the grid.

Typically, we serve our customers under tight deadlines during standard minor and major overhauls, which requires agility, first-rate project management, and an extensive and specialised partner network. Long-term service agreements provide the best level of service, ensuring high plant availability and peace of mind. Furthermore, our unique expertise – combining plant owner experience with OEM-like engineering know-how – allows the freedom to provide the most optimal solutions for every customer.



Environmental Performance

Helping energy producers to decarbonise operations

At Fortum eNext, we develop low-carbon solutions for revising municipal heating schemes and electrifying customers' processes, future-proofing them for years to come. Optimising regional energy systems and incorporating new CO₂-free ways of producing heat enable our customers to take a step towards a clean energy future.

We enable cost-efficient heat pump, waste heat recovery, and biomass boiler solutions to meet your requirements and energy targets. The regional energy systems that we design and build are customer-focused, sustainable, and cost-efficient to operate and maintain. Our expertise is backed by over 100 years of technical experience and commercial know-how with district heating throughout Europe.



The ideal mix of energy solutions and optimised operation modes ensures a high security of heat supply in a sustainable and economical way.

Ready for the future with Fortum eNext

Modern life requires more energy than ever. We are securing a fast and reliable transition to a carbon-neutral economy by providing customers and societies with clean energy and sustainable solutions.

Building on our utility heritage as well as on our extensive experience in serving fellow energy producers, we are committed to supporting our customers on the journey towards a cleaner world.

We see our customers' situation from the owner's perspective, striving for the most economical and technically best solution for each case.



Fortum eNext provides highly specialised expert services globally. We have over 300 professionals and more than 2,000 customers worldwide.

Read more: fortum.com/enext

Safety and sustainability in the forefront

- Striving to minimise the environmental impact of energy production
- Safety is our top priority
- Quality Assurance: ISO 9001, ISO 14001 and ISO 45001

Proven power plant expertise

- Tailored solutions for any OEM's equipment
- Expertise for the full asset life cycle

Future-proof performance

Asset owner's perspective

- Knowledge and history in serving our own fleet
- Understanding the needs and priorities of a power producer

Trusted global player

- Decades of experience in plant perfection
- Successful project deliveries in over 20 countries
- Trusted and highly valued in the eyes of our customers as well as investors



For a cleaner world

Fortum is a European energy company with activities in more than 40 countries. We provide our customers with electricity, gas, heating and cooling as well as smart solutions to improve resource efficiency. Together with our subsidiary Uniper, we are the third largest producer of CO₂-free electricity in Europe. Close to 20,000 professionals and a combined balance sheet of approximately EUR 60 billion, we have the scale, competence and resources to grow and to drive the energy transition forward.



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A photograph of two industrial workers, a woman and a man, standing on a metal platform in a power plant. The woman is wearing a white hard hat with the 'uni per' logo, safety glasses, and a high-visibility yellow jacket. The man is wearing a white hard hat with the 'fortum' logo, safety glasses, and a blue and yellow high-visibility jacket. They are both smiling and looking towards the camera. The background shows large industrial machinery and pipes.

Powerful engineering combined

In cooperation with our strategic partner Uniper Engineering, we are doubling the engineering expertise at your service – from pipelines and boilers to turbine trains and the grid. Powered by a combined team of 1,500 experts, we serve customers globally and have a local presence in Germany, UK, Finland, and Sweden. Together, we have the expertise and the resources to meet your unique needs in the fast-moving energy world.

Energy, in combination with innovation, is the enabler for a cleaner world.

Explore our offering:

www.fortum.com/enext

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