

A photograph of two Black men in a power plant. They are wearing white hard hats, safety glasses, and blue work shirts. They are looking down at a piece of machinery. One is wearing white gloves and holding a red tool. The background shows industrial equipment and pipes.

Operation &
Maintenance

**We safeguard
your power plant
anywhere in
the world**

BWSC
...

Do you wonder why we have so much power?

We live and breathe power plants

BWSC is a leading Operation & Maintenance and technical service provider with engineering expertise for liquid fuel, waste, and biomass power plants. Our roots go back to 1872 with the famous Danish shipyard Burmeister & Wain, which started building and installing diesel engines in 1904. In 1980, BWSC was set up as a specialist power plant engineering company. Since then, we have established a solid history of providing world-class power plants by focusing on these key competences:



- Development, Financial Engineering and Investment in Power Plants
- Plant Design, Engineering, Procurement and Construction
- Operation & Maintenance (O&M)
- Parts, Service and Rehabilitation
- Plant Staff Training
- Comprehensive Operation & Maintenance Support Agreements

When you partner with BWSC for Operation and Maintenance, you gain access to the experience and in-depth knowledge accumulated within our entire organisation from designing and building more than 180 power plants and from operating and maintaining more than 3800 MW of base-load generation equipment worldwide.

Just like people, every power plant is unique

/// BWSC takes a holistic approach to each individual project; we undertake projects with focus on achieving sustainable economic growth for plant owners and societal development; we listen to each individual client, especially where external financing is a must, such as by offering bankable O&M contracts.

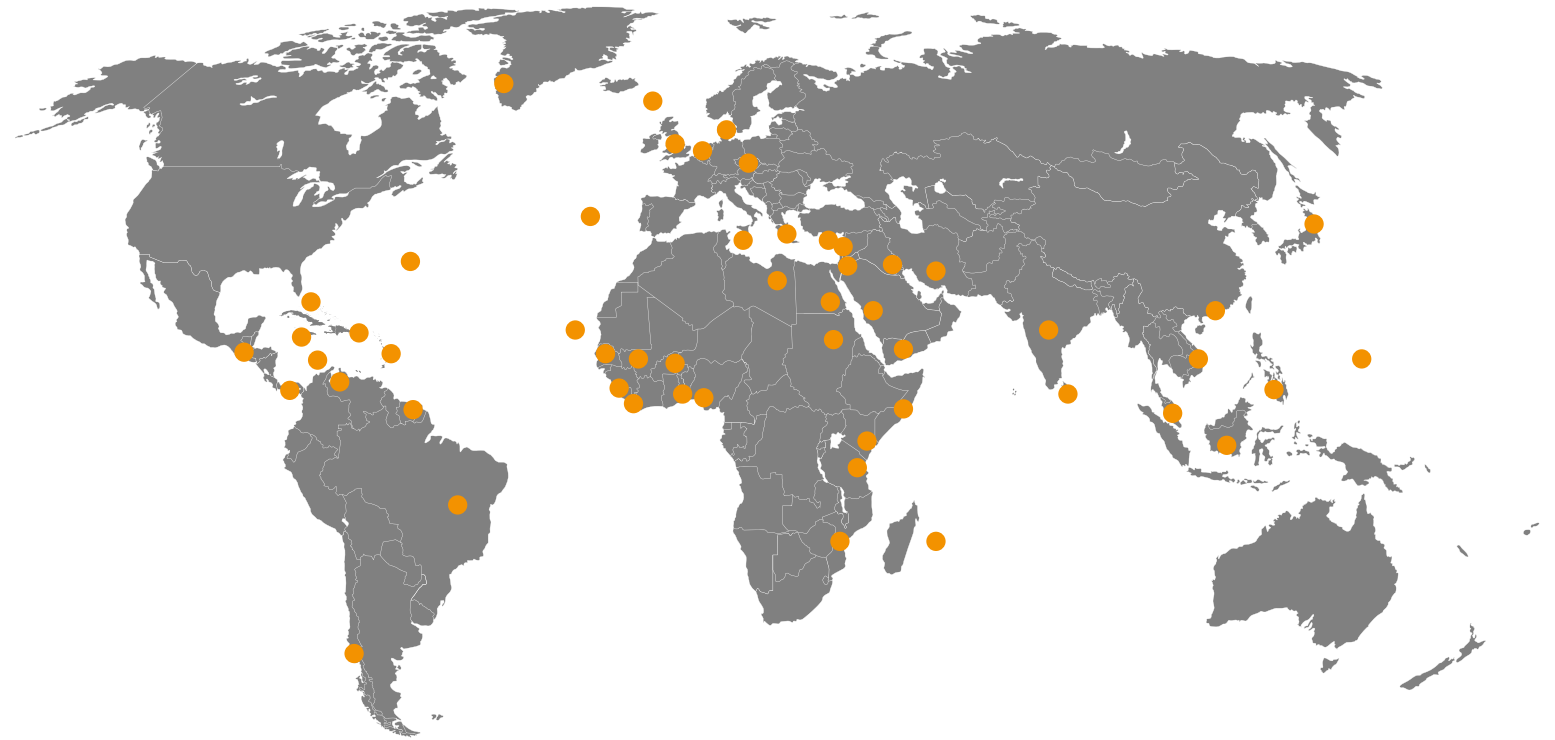
— Karsten Valsted Larsen, SVP, O&M, BWSC HQ, DENMARK



An open mind with a clear target

We understand the requirements of your plant, whether it is fuelled by diesel, biomass or waste or if it is a hybrid, whether afloat or land-based, wherever in the world and irrespectively of engine or boiler manufacturer. Our mission is to make your plant work reliably and efficiently – and we are very experienced in doing so. We handle large and medium-scale power plants, combined heat and power (CHP) plants, renewable energy power plants.

We feel at home anywhere



BWSC's geographic presence for EPC, O&M, and service projects



Globally and locally

At all our sites, we partner up with the local authorities and population. The majority of our employees are local, ensuring not only continuous improvement in servicing our customers, but also local growth and prosperity. Therefore, it is vital and natural for us to build on the local skills and expertise. If required, we organise a variety of training programmes and even local schools, as the children often grow up to become part of our future workforce.

/// One minute I am visiting the local water company; the next minute, I am in a meeting with the head of state.

— Lars Kjær Olesen, Director, Project Management, O&M, BWSC HQ, DENMARK

Our job is to keep you from worrying

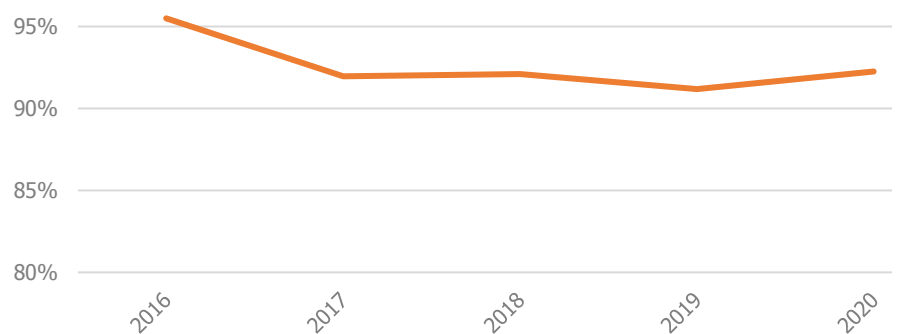
/// Financial investors, developers, and other partners hire us to operate and maintain their power plants. With bankable contracts, we minimize their investment risk, improve their asset performance, and ensure them a good night's sleep – every night.

— Lars grove lundin, business development manager,
O&M, BWSC HQ, DENMARK

Safeguarding your plant

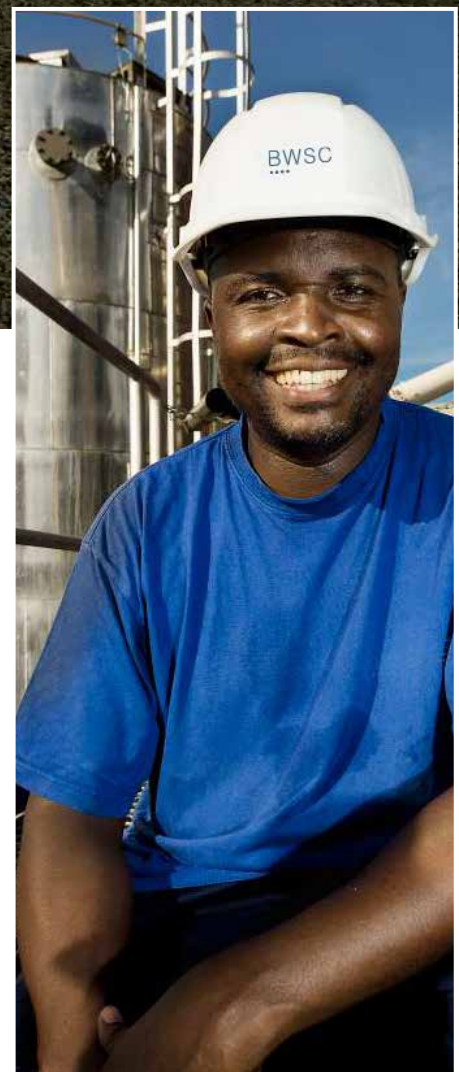
Successfully operating a power plant is a 24/7 task. As a plant owner or investor, you anticipate and expect smooth, continuous operation with high levels of availability and reliability. But no matter how well-prepared, issues will inevitably arise, and it is imperative to be able to rely on experienced, qualified and dedicated people to be on the spot, wasting no valuable time, to find a solution. We guard your plant around the clock to protect your investment.

Average availability (%) per year combining liquid fuel, waste, and biomass technologies





**Empowering us,
empowers you**



Enabling the right people to make the right decisions

In BWSC, we believe that decisions should, as far as possible, be made locally, not behind a desk at HQ. Experienced, devoted, skilled employees are our key asset. We rely on each and every one of them and empower them with full responsibility to take action and solve any issues on the spot, anywhere in the world.

Do it safely or not at all

Health and safety is our topmost priority, and our well-trained staff ensure that we meet the high safety priorities and standards which we set for ourselves. O&M plants are run by teams with an intimate knowledge of the plants and, therefore, acute awareness of any potential risks. As a result, our safety records are excellent.

Our secret weapon

We never stop listening to our customers

It is generally assumed that our success is owed to decades of worldwide experience – whereas the secret lies in listening to our customers and understanding their requirements.

Tailor-made solutions

From the very beginning of any assignment or cooperation, we spend valuable hours establishing the optimal solution.

We go to great length to be flexible; that said, we take pride in supporting our customers and partners by applying our extensive experience to ensure that decisions and agreements are based on a solid foundation of knowledge and experience in power plant operation. Sometimes, we see things from a different angle, but we always find an amicable solution, and this is what makes for a strong cooperation.



/// We go the extra mile to find a solution, whether within or beyond the contract.

— Mark Jones, Director,
O&M, UK CENTRAL OFFICE, SLEAFORD, ENGLAND



Going the extra mile

We never “pass the buck”

BWSC takes pride in always meeting our contracts and agreements. We deliver on time, on budget and at the specified performance level. A deal is a deal! Even so, we sometimes go beyond the contract to deliver more than the deal, e.g. to provide shorter delivery times when fast action is required, or to secure im-proved performance where the available technology allows for it. When the situation calls for immediate remedy, we tackle matters directly, assessing the problem to find and implement the right solution. Only subsequently, we tend to the paperwork and any financial or legal issues. Based on this policy, BWSC’s reputation for fast and reliable technical solutions is well-established in the industry.

Working together

Working in difficult, remote and challenging environments is customary to us; however, we cannot succeed alone. BWSC relies on cooperation and teamwork with our main equipment suppliers, local service providers and, most importantly, our customers to achieve results. It is the backbone of the BWSC philosophy: Our customers and suppliers are our partners! We are in this together, with mutually agreed targets and success criteria.

BWSC also invests in and co-owns a number of the plants which we build and operate. Would you do the same, if you did not rely on a successful operation?

Judge us by our results



/// Financial investors, developers, and other partners hire us to operate and maintain their power plants. With bankable contracts, we minimize their investment risk, improve their asset performance, and ensure them a good night's sleep - every night.

— Lars Grove Lundin, Business Development Manager
O&M, BWSC HQ, DENMARK

/// I would recommend BWSC's O&M services anytime!

— Dhammika Seneviratne, Owner's Representative
ASIA POWER, SAPUSGASKANDA, SRI LANKA

Only results count

You are only as good as your last performance; every employee in BWSC recognises this. We work hard to safeguard our reputation, and we are proud to say that we have earned the respect of power plant owners and the industry worldwide.

Ask our customers

At the end of the day, it is not important what we say; it is important what our customers and partners say about us. Feel free to contact our customers and compare their experiences with your own expectations. If you have any questions, please do not hesitate to ask. We are looking forward to talking with you and listening to you.

Selected references

COMMERCIAL OPERATION	COUNTRY	LOCATION	FUEL TYPE	CAPACITY	CONTRACT DURATION
2022	United Kingdom	Templeborough	Waste wood	40 MW	2 years
2022	United Kingdom	Tansterne	Waste wood	23 MW	10 years
2021	Belgium	Ghent	Waste wood	20 MW	15 years
2021	United Kingdom	Hooton	Waste	24 MW	15 years
2020	Japan	Ichihara	PKS/Pellets	50 MW	20 years
2019	Benin	Maria Gléta	Diesel (4s)	120 MW	5 + 5 years
2018	Mali	Kayes	Diesel (4s)	82 MW	13 years
2018	United Kingdom	Kent	Virgin wood	28 MW	15 + 5 years
2018	United Kingdom	Cramlington	Virgin wood	28 MW	12 years
2017	United Kingdom	Tilbury	Waste wood	40 MW	20 years
2017	United Kingdom	Snetterton	Straw	44 MW	15 years
2017	United Kingdom	Speyside	Virgin wood	12 MW	12 years
2017	United Kingdom	Widnes	Waste wood	20 MW	20 years
2016	United Kingdom	Brigg	Straw	40 MW	15 years
2015	United Kingdom	Lisahally	Waste wood	16 MW	15 years
2014	United Kingdom	Sleaford	Straw	39 MW	20 years
2009	Kenya	Rabai	Diesel (4s)	90 MW	20 years
2008	Wales	Port Talbot	Virgin wood	14 MW	6 years
2005	Greece	Crete	Diesel (2s)	102 MW	3 years
2003	Panama	Pacora	Diesel (4s)	55 MW	5 years
2001	Iraq	Dohuk	Diesel (4s)	29 MW	2.5 years
2001	Iraq	Erbil	Diesel (4s)	29 MW	2.5 years
2001	Iraq	Sulaimaniyah	Diesel (4s)	29 MW	2.5 years
2000	Sri Lanka	Colombo	Diesel (2s)	60 MW	15 years
1998	Sri Lanka	Sapugaskanda	Diesel (4s)	51 MW	20 + 3 years
1997	Malaysia	Batu Sapi	Diesel (4s)	32 MW	14 years
1994	Philippines	Maco	Diesel (2s)	100 MW	16 years
1994	Philippines	Nasipit	Diesel (4s)	100 MW	16 years

BWSC

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About BWSC

Headquartered near Copenhagen, Denmark, BWSC provides specialized consultancy, engineering, installation, operation and maintenance services at power plants and green energy facilities worldwide.

Forty years of experience with energy infrastructure, a diverse staff of seasoned experts, full technology independence and our big-picture approach make us uniquely able to help customers define their ambitions and reach them through expert design and continuous improvement of their facilities.