



STORK

A Fluor Company

TURNAROUNDS & OUTAGES

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FULLY INTEGRATED TURNAROUNDS & OUTAGES

Stork, a Fluor company, plans, performs, or supports more than 100 turnarounds, shutdowns, and outages annually for power generation, oil refining, chemical processing, metals, pulp and paper, and other industrial clients.



Our in-depth expertise in turnaround management minimizes shutdown time and costs without compromising on safety and asset performance.

Whether for emergency repairs, capital project tie-ins, or major shutdowns, our turnaround teams follow a disciplined, multi-phase approach to plan, schedule, staff, and execute turnarounds of all sizes.

We work closely with clients to develop a progressive series of implementation plans, beginning well in advance of the turnaround start date and concluding with post-project performance reviews.

We optimize turnaround and outage projects, to ensure timely delivery within budget, and leverage installation outages for better asset-related business planning.

By setting new standards of excellence in turnarounds and outages, we aim to be the industry reference.

Every day, everywhere.

SUPPORTING THE FULL LIFECYCLE OF OUR CLIENT'S ASSETS

Our solutions

Fully integrated solutions to support the start-up of new facilities, to increase asset performance, and to optimize operations and maintenance strategies, including fully embracing Industry 4.0 opportunities.

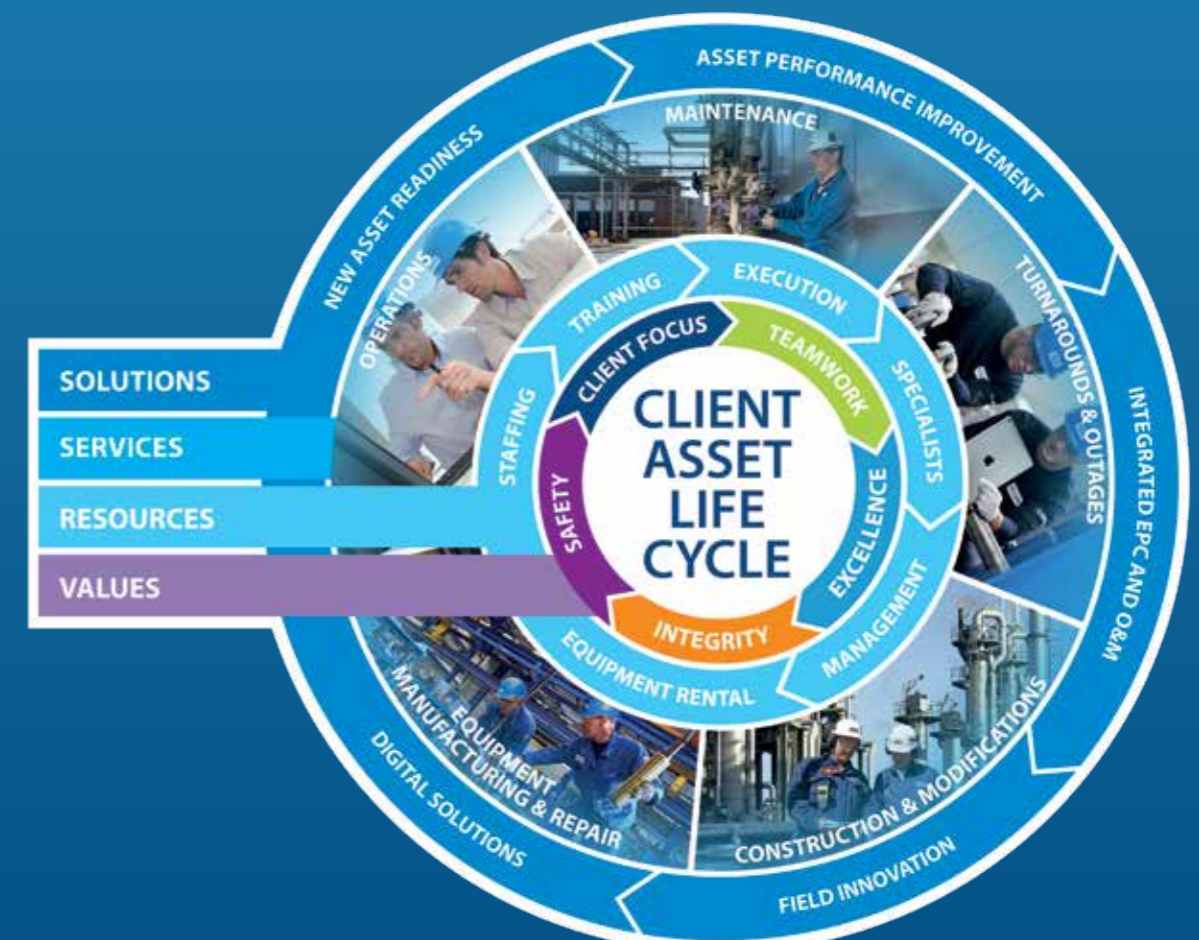
Our services

Stork takes on the responsibility with regard to planning, scheduling and supervision of all activities from continuous site presence to large projects.

Hereby unburdening our clients by applying our industry-proven work processes and supporting automation tools.

Our resources

People and tools are foundational to all our services & solutions. Whether you need one specialist or hundreds of craft to execute a project, Stork can quickly augment the resource pools which clients require.



WHAT WE DO



HOW WE ADD VALUE



Turnaround processes are complex and multidisciplinary. We start by focussing on the reduction of scope within the shutdown window, making the process simpler, more transparent and more efficient. We listen to your needs and develop a plan to ensure efficiency in the turnaround, extend maintenance intervals and optimize your total cost of operation. Our support extends from the scoping phase of the individual shutdown, through work preparation and execution delivery, right through to close-out.

Our professionals have international experience in plant turnarounds and provide improvement opportunities for the next shutdown. For us, no project is too big or too small when it comes to the goal of consistent productivity, safety and reliability.

We understand that the cost and success of a turnaround depend strongly on the right scope definition. That's why we aim to contribute our

experience and expertise from these earliest stages of turnaround preparation. A thorough close-out enables us to capture vital plant information and shutdown metrics. These enable us to continuously improve on safety, costs and planning in your next shutdown, regardless of location.

Our turnaround & outages solutions include:

- Shutdown scope definition
- Preparation & planning
- Detail estimating
- Total execution, including all staffing and equipment
- Close-out

It is our goal to add value wherever we operate. On turnarounds and outages, we add value in the following key ways:

Experience

Decades of experience of working in live plants and brownfield environments lead to in-depth understanding of clients' operations and business needs.

Best practice

Developed best practices in managing turnarounds to keep planned outages to a minimum and as short as possible.

Combined solutions

We manage the combination of tight shutdown windows, non-routine tasks and high manning levels with a focus on safety and reducing risks.

Technology

We increase efficiency and reduce downtime through effective use of technology.



Efficiency

We capture all turnaround metrics, reducing preparation time and cost of future turnarounds.

One contact

One single point of contact significantly reduces client/supplier interfaces.

PROJECTS DELIVERED



We have delivered more than 2,500 turnarounds and established an unrivalled track record in the many industries we serve. Recent successful projects include:

Offshore

- TAQA Bratani's Tern Alpha platform (UKCS)
- Petrofac's Heather Alpha platform (UKCS)
- Nexen Petroleum UK Ltd's Scott platform (UKCS)
- ONEGas (Shell and NAM) assets in Southern North Sea – supporting shutdowns on over 50 assets for the last 12 years.

Onshore

- AJS gas plant – Bacton (UK) and Den Helder (NL)
- BioMCN (Netherlands)
- Ecopetrol (Colombia)
- Qatar Shell (Qatar)
- RWE (Germany)
- TAQA Netherlands
- Gasunie (Netherlands)
- DSM (Netherlands)



I would like to take this opportunity to thank you for your assistance over the past 14 days or so. This shutdown came with very little notice but all of the planned worksopes were successfully and safely completed. This is a result of your teams' commitment, dedication, professionalism and excellent safety behaviour. It is an amazing accomplishment.



Andy Brewin

Installation Manager, PETROFAC

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SAFETY IS A CORE VALUE

Safety is not a priority at Stork, it's our first core value. Whatever priorities we have each day, taking care of each other's safety, health and protecting the environment is central to how we do things.

REACH Beyond Zero is our global HSE platform to help us turn our core value into a day-to-day reality. It is our aspirational vision for HSE. 'Zero' because we believe that incidents are not inevitable, they are preventable. By working together, we can create a future at Stork that is free of incidents. 'REACH Beyond' because we are always pushing ourselves to go further, to continuously improve our HSE performance. Through REACH Beyond Zero, we all benefit. There are six building blocks that help us REACH Beyond Zero.

People create safety

Recognizing that it is our behaviors and attitudes that make the difference. At Stork, we have well developed behavioral safety programs, leadership training, recognition and awards to ensure we are all skilled and motivated to be safe.

Global standards, local ownership

Setting out our expectations for HSE across the Stork business, with global consistency where it makes sense, whilst making the most of the expertise and diversity of our local teams. Global standards include our minimum safety expectations for all tasks that are described in our 10 Life-saving rules.

HSE intelligence

Using the experience and knowledge of 18,000 employees worldwide to help direct our HSE activities. This includes looking out for new risks in the work

environment. Reporting hazards, near misses and events and analyzing these events for trends. We use leading indicators to measure the effectiveness of our risk prevention measures.

Adding client HSE value

As a global leader in operations & maintenance, we bring a wealth of expertise in HSE to our clients. At every client location, it is our aim to exceed our clients HSE expectations and be an active partner in improving our clients HSE performance.

Strong HSE function

Stork has a global network of HSE professionals who support our operations teams in delivering safe operations. This global function ensures that we always have the capability to succeed in HSE.

Learning and innovating

Central to our REACH Beyond Zero vision are the opportunities to apply learning from our own incidents and those that occur within wider industries. At Stork, we are continuously scanning the market for innovations that may help us reduce our HSE risks.

At Stork, we aim to be the industry reference for HSE. Every day, everywhere.

For more information visit our website:

www.stork.com/reachbeyondzero



REACH
BEYOND ZERO

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STORK

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