

# INDUSTRY LEADER GLOBAL REACH PROVEN EXPERTISE



# FLUOR®

# WE ARE FLUOR CORPORATION

Taking on tough challenges for more than 100 years

A global leader in engineering, procurement, fabrication, construction, maintenance and project management, Fluor is active across six continents. We work with governments and multinational companies to design, build and maintain many of the world's most complex capital projects.

Fluor has expertise, reach and financial strength to deliver the best solutions. We are reliable and adhere to the highest ethical standards. We deliver projects on time, within budget and have an outstanding health, safety and environmental (HSE) record.



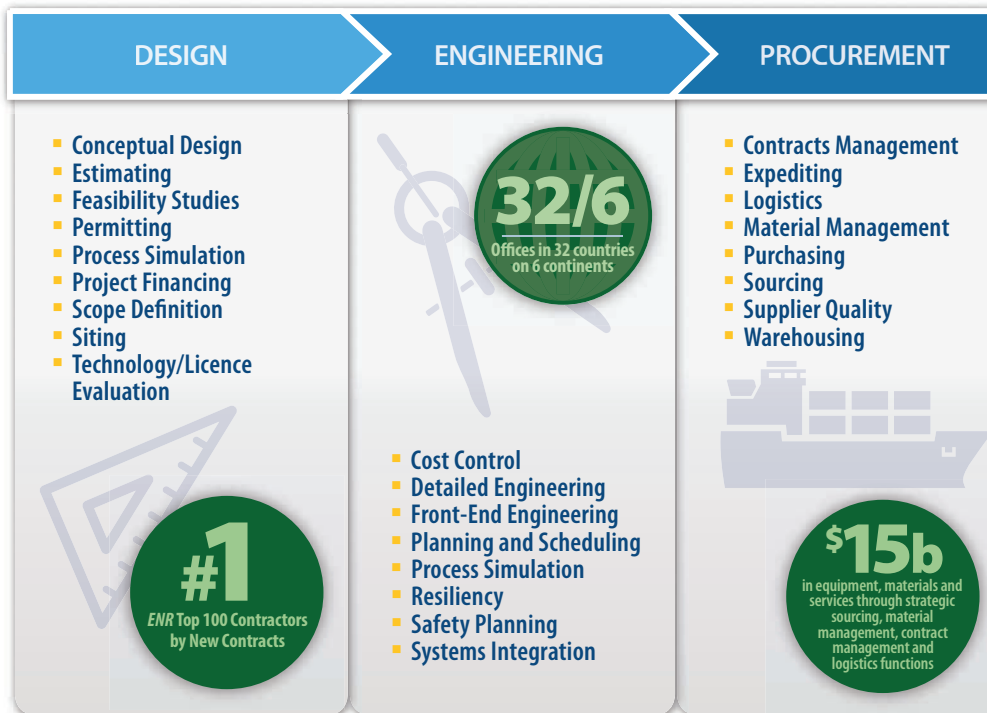
## WE ARE PROBLEM SOLVERS

Ready to meet any challenge with a full spectrum of services

Clients trust Fluor to deliver services by optimising assets, improving competitive position and increasing long-term business success. Primarily, we develop, execute and maintain projects with operational excellence, consistently ranking as one of the world's safest contractors.

*Fluor provides integrated life cycle solutions to support Clients' capital investments.*

### LIFE CYCLE APPROACH



# WE ARE AN INDUSTRY LEADER

Adding value through proven performance and global reach

- Executing tough projects in challenging locations
- Linking global engineering resources through strategically placed execution centres
- Sourcing materials using our global procurement network and in-country suppliers
- Mobilising diverse workforces
- Meeting compressed schedules
- Managing joint ventures and alliances
- Developing innovative and cost-effective technical solutions
- Optimising returns on Clients' capital investments
- Aligning solutions to meet Client capital efficiency drivers
- Delivering sustainable projects with HSE excellence

CORPORATE INFORMATION



FABRICATION	CONSTRUCTION	START-UP	OPERATIONS & MAINTENANCE
<p><b>5</b> Five global self-perform yards</p> <ul style="list-style-type: none"> <li>▪ Contracts Management</li> <li>▪ Material Control</li> <li>▪ Modular Construction</li> <li>▪ Purchasing</li> <li>▪ Quality Control</li> <li>▪ Safety Programmes</li> <li>▪ Self-Perform Fabrication</li> <li>▪ Sourcing</li> </ul>	<ul style="list-style-type: none"> <li>▪ Construction Management</li> <li>▪ Craft Staffing and Training</li> <li>▪ Disaster Recovery</li> <li>▪ Equipment and Tools Supply</li> <li>▪ Fabrication</li> <li>▪ Field Mobilisation</li> <li>▪ Modular Construction</li> <li>▪ Project and Programme Management</li> <li>▪ Quality Control</li> <li>▪ Safety Programmes</li> <li>▪ Self-Perform Construction</li> </ul> <p><b>#1</b> FORTUNE magazine's World's Most Admired Companies list in Engineering, Construction</p>	<p><b>\$300m</b> in programme risks identified and mitigated</p> <ul style="list-style-type: none"> <li>▪ Commissioning</li> <li>▪ Engineering Support</li> <li>▪ Initial Production</li> <li>▪ Operational Readiness</li> <li>▪ Plant Readiness</li> <li>▪ Precommissioning</li> <li>▪ Systems Checkout</li> <li>▪ Turnover</li> <li>▪ Validation</li> </ul>	<ul style="list-style-type: none"> <li>▪ Asset Performance Improvement</li> <li>▪ Contract Staffing</li> <li>▪ Facility Management</li> <li>▪ Plant Engineering</li> <li>▪ Plant Operations and Maintenance</li> <li>▪ Small Capital Projects</li> <li>▪ Turnarounds, Outages and Shutdowns</li> </ul> <p><b>4,000</b> technical and craft personnel <b>190</b> sites</p>

CLIENT SOLUTIONS

# ENERGY & CHEMICALS

When oil and gas are discovered in the world's most remote locations, you'll find us there.

Fluor is one of a few global companies executing large and complex engineering, procurement, fabrication, construction and maintenance projects for the energy and chemical industries. Providing a full range of integrated services to global oil and gas production and processing industries, Fluor serves the upstream, downstream and integrated petrochemicals markets. Our expertise includes consulting and design-build of new facilities, refineries, pipelines and offshore facilities as well as our retrofit and plant-betterment services. With a global execution platform and 24/7 capabilities, Fluor performs work in the most difficult locations.



## **SIBUR Polypropylene (PP) Complex Tobolsk**

*Tobolsk, Tyumen Oblast, Russia*

Fluor provided initial conceptual design, utility front-end engineering and design (FEED), infrastructure and offsites. Fluor also helped the Client select propane dehydrogenation (PDH) and PP technology licensors and FEED and engineering, procurement and construction (EPC) contractors for other project scopes. The PP complex produces 500 kta of polypropylene by converting propane to propylene using Ineos Innovene and UOP Oleflex™ technologies for PP production.

# POWER

We help power the world.

With worldwide energy consumption expected to double to an estimated 2.55 million megawatts by 2030, the global demand for new power generation continues to grow.

Fluor understands the complex compliance requirements in bringing new power generation facilities on line. We have extensive experience improving emissions from existing plants as well as performing other upgrades and retrofits to extend mature plant operations. We also provide comprehensive fossil generation, nuclear, renewables, alternate technologies and operations and maintenance services.



## **Bear Garden Power Plant**

*New Canton, Virginia, USA*

Fluor provided EPC and commissioning services for Dominion Virginia Power's gas-fueled power plant. The plant is expected to reduce imported electricity and produce clean electricity to power 147,500 homes.



## Horseshoe Project

Dallas, Texas, USA

Fluor-led joint venture Pegasus Link Constructors, LLC manages the scope of work. The Horseshoe project includes work on six bridges, including construction of a fully designed Santiago Calatrava signature bridge and roadways along I-30 and I-35E. When complete, the project will correct existing geometric congestion issues, repair and replace deteriorating structures and add capacity to interchange and frontage roads.



# INFRASTRUCTURE

Demanding projects demand the best.

Fluor offers EPC services addressing Clients' infrastructure challenges, providing solutions to meet cost and schedule requirements. Infrastructure project examples include public-private partnerships funding highway and rail transportation projects, telecommunication systems, aviation and commercial and institutional projects, including mixed-use developments.



## Pueblo Viejo Dominicana Gold and Silver Mine - EPC

Dominican Republic

Fluor's combined self-perform and construction management approach combined in-country sources with support from ICA Fluor, to mitigate differences in language and to train, recruit, and manage local resources. The project's policy to purchase from local and national suppliers further stimulated economic activity in the region and the country.

# MINING & METALS

We deliver complex mining and metals projects in remote locations around the world.

Fluor is one of the few EPC companies with the global reach and local presence to support mining Clients in the execution of logistically challenging, large-scale mining projects. We offer solutions in alumina and bauxite, coal, copper, diamonds, gold, iron ore, mineral sands, nickel, oil sands, uranium and other metals. Fluor also provides complete life cycle services in the downstream metals market.

# INDUSTRIAL SERVICES

Fluor offers integrated life cycle solutions from conceptual design to construction and maintenance.

Fluor's customised services help plant owners improve new and existing operations and enhance the successful execution of capital projects. Service markets include life sciences, manufacturing and water. Fluor delivers EPC solutions to address industrial Clients' challenges. Whether the need is new manufacturing facilities construction or customised solutions to meet challenging water projects, Fluor provides results to meet cost and schedule requirements. We also offer reliable technologies for successful capital plant start-up, operations and maintenance and facility management services for existing facilities.



## Fractionation Biotech Facility

*Clayton, North Carolina, USA*

Grifols, a global biopharmaceutical and biotechnology company, selected Fluor to provide EPCM and commissioning of the company's North Fractionation Facility. The project won the International Society for Pharmaceutical Engineering (ISPE) 2014 Facility of the Year for Project Execution award.

# GOVERNMENT

We proudly answer the call.

For 70-plus years, Fluor has served U.S. federal and international government agencies, executing challenging projects and providing complete solutions to their most demanding tasks. We provide contingency response, disaster recovery, base operations/maintenance, logistics/life support, EPC, secure services, nuclear operations, decontamination and decommissioning, environmental remediation, power and sustainability, fuels and transportation.



## Savannah River Site

*Aiken, South Carolina, USA*

Savannah River Nuclear Solutions, LLC (SRNS) is a Fluor-led partnership responsible for the management and operations of the Department of Energy's Savannah River Site, including the Savannah River National Laboratory. SRNS employs 5,000 nuclear-trained personnel and verifies safe, secure and cost-effective management of the U.S. nuclear stockpile and materials.



### **Global Construction Capabilities are Delivered Locally.**

Fluor effectively mobilises global project construction resources. Fluor's modularisation, logistics and deployment of construction equipment strengths give Clients the confidence their projects will be successfully delivered.

## CONSTRUCTION

Fluor's baseline execution approach is self-perform construction.

Fluor manages resources on the company's payroll when self-performing construction, enabling maximum control of critical path and fast-track construction while providing cost and performance benefits. We have extensive construction management experience, engaging and developing local subcontractors in HSE, quality, schedule and cost management. We are also active in virtually all geographical areas and labour climates.



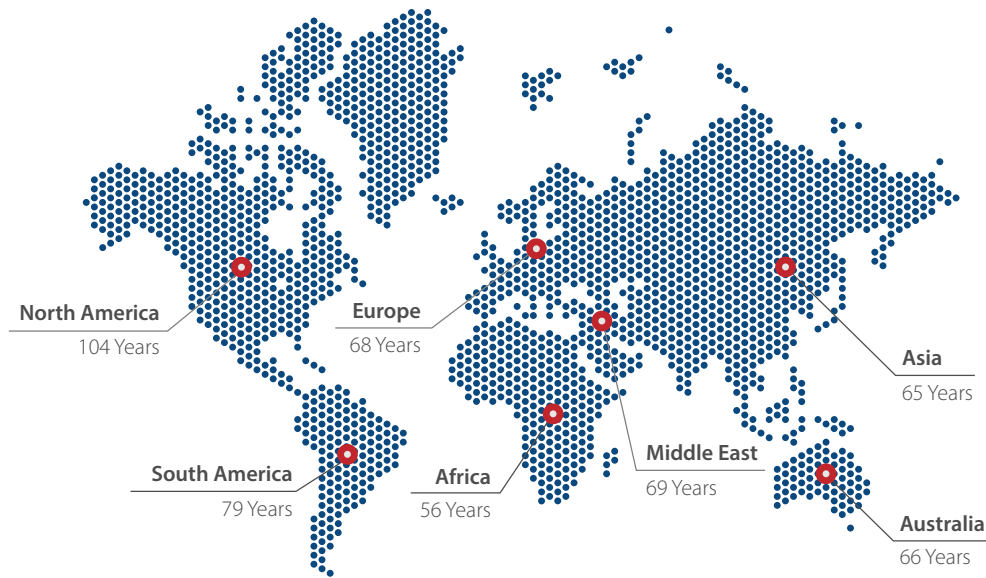
### **Fabrication Offers Schedule and Environmental Benefits to Our Clients.**

Fluor's 3<sup>rd</sup> Gen Modular Execution<sup>SM</sup> approach for early fabrication design improves constructability, optimises advanced sourcing methods and global purchasing volume, leverages quality control and minimises remote site access and severe weather constraints.

## FABRICATION

Our fabrication solutions meet cost and schedule objectives.

Fluor understands the benefits of providing fabrication options to meet fast-track construction schedules. Our modular design and self-perform fabrication capabilities improve cost, delivery and quality. Fluor operates five fabrication facilities, strategically located in Canada, China, Mexico, Philippines and Russia. The company also has an established global network of fabrication suppliers providing global Clients engineering, fabrication, module assembly, rigging and construction services.



## A GOOD REPUTATION ISN'T EARNED. IT'S BUILT.

### Respected and Industry-Leading

Fluor is ranked #1 on FORTUNE magazine's 2015 Engineering, Construction industry list of America's largest corporations. Fluor also ranked #1 in the same category on FORTUNE's annual survey of World's Most Admired Companies.

### Global and Multi-Industry Diverse

We have more than 45,000 employees in 81 countries. Fluor currently performs work on more than 1,000 projects in more than 60 specialised industries.

### Health, Safety and Environmental Leader

Safety is a core value at Fluor. Every day we help Clients safeguard the environment, conserve energy, protect lives and strengthen the economies and social structures of communities.

### Global Headquarters

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Irving, Texas 75039 USA  
Tel: +1.469.398.7000

[www.fluor.com](http://www.fluor.com)

### Technology Experts

Fluor's experts develop technical solutions that bring strategic value to our Clients' capital projects. Fluor's award-winning knowledge management system is a repository and forum that allows employees 24/7 access to solve problems anywhere in the world.

### Socially Responsible and Community Oriented

With a strong track record of employee volunteerism and financial philanthropy, we strive to make a positive and sustainable impact on the quality of life in the communities in which we work and live. We establish and demonstrate the highest levels of business ethics and integrity.

### Financially Sound

Our proven performance and financial strength have helped us maintain one of the strongest balance sheets in the engineering and construction industry. Fluor is ranked #136 on the FORTUNE 500 list. NYSE:FLR

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