

# IECC

INTERNATIONAL ENGINEERING & CONSTRUCTIONS CORPORATION



An aerial night-time photograph of a large industrial complex, likely a refinery or chemical plant. The facility is illuminated by numerous warm-toned lights, creating a high-contrast scene against the dark sky. In the foreground and middle ground, several large, white, cylindrical storage tanks are visible, some with ladders and platforms. To the right, two tall, dark distillation columns with multiple trays and ladders stand prominently. A complex network of pipes, walkways, and structural steel is visible throughout the site. In the background, there are several large, white industrial buildings and more storage tanks. The overall impression is one of a busy, large-scale engineering operation.

**Engineering  
a Better World.**

# WHO WE ARE

## ■ Integrated Infrastructure for Energy, Aviation & Maritime Sectors

At **IECC** – International Engineering & Constructions Corporation, we are a consortium of highly specialized companies delivering **end-to-end EPC solutions for complex industrial and transport infrastructure projects**. Our core expertise lies in the development of **civil airports** and **maritime ports** as critical hubs of global connectivity, complemented by strong capabilities in **energy systems** and **fluid-intensive plants**.

Our primary focus is on the design and execution of **port** and **airport facilities**, including container and bulk terminals, quay walls, jetties, and logistics platforms, as well as runways, taxiways, cargo terminals, and airport support infrastructure. We deliver high-performance solutions tailored to the operational and logistical demands of both sectors, ensuring efficiency, safety, and long-term reliability.

In addition, we develop **complementary linear infrastructure**, such as roads, railways, and pipelines, to **ensure seamless integration** between major transport nodes and inland networks, strengthening end-to-end supply chains.

We manage projects from **concept to completion**, combining technical excellence with a strong commitment to quality, sustainability, and client satisfaction.

We aim to be a trusted **partner** in the development of modern, resilient, and interconnected **transport infrastructure** and **energy systems** worldwide.

# OUR CORE SECTORS

## ■ Civil Airports & Maritime Ports

Full-scope airport and port infrastructure, from runways and terminals to fuel, power, safety systems, and maritime port facilities.

## ■ Energy & Power Infrastructure

Production, distribution, and storage systems designed for reliability and efficiency.

## ■ Oil & Gas

Upstream, midstream, and downstream facilities built for safety, continuity, and harsh environments.

## ■ Fluid Balance of Plant (BOP)

The complete fluid backbone—piping, valves, pumping, and control, managed as one integrated system.

## ■ Carbon Capture & Decarbonization (CCUS)

Industrial-scale solutions for CO<sub>2</sub> capture, transport, and storage.

## ■ Renewables & Energy Transition

Industrial infrastructure enabling renewable energy, hybrid systems, and future expansion.

# OUR VALUES

## ■ Safety

Safety is our uncompromising priority. We protect our people, our partners, and our communities by holding ourselves to the highest safety standards.

## ■ Collaboration

We believe the best outcomes come from strong partnerships. By working closely with clients and colleagues, we achieve shared goals through teamwork and open communication.

## ■ Innovation

We embrace innovation as a driver of progress. By integrating new technologies, methods, and ideas, we deliver smarter, more efficient, and sustainable solutions that generate great value for our clients, communities, and people.

## ■ Excellence

We provide outcomes that exceed the highest technical, safety, and quality standards. With relentless client focus and strong operational expertise, we ensure exceptional project execution and continuous growth.

## ■ Sustainability

We are committed to approaches that respect and preserve the environment, balancing performance with responsibility to create a positive impact for generations to come.



# SERVICES

## ■ Engineering

At IECC, we develop **comprehensive engineering designs** for industrial plants and systems that strictly comply with the latest regulations and industry standards. By integrating **advanced modeling techniques** and a deep understanding of **supply chain** and **construction constraints**, we ensure designs that drive efficiency and quality from concept through completion.

## ■ Procurement

Our procurement team manages the acquisition of all **necessary materials** and **equipment**, prioritizing reliability, cost-efficiency, and sustainability. Thanks to our **extensive network of partners**, we secure quality resources that align perfectly with project schedules and budgets.



## ■ Construction

IECC offers **turnkey construction services** for industrial plants and systems, executed with unwavering commitment to safety, quality, and schedule. Our skilled workforce and robust management processes enable us to successfully deliver complex projects across diverse environments.

## ■ Commissioning

We provide expert inspection and diagnostic services to help operators keep their existing plants running safely and efficiently.

Our team performs complete **integrity assessments** to identify wear, corrosion, or obsolescence, and to define the most effective maintenance or replacement strategies.

## ■ Maintenance Solutions & Plant Integrity

IECC provides expert inspection and diagnostic services to help operators keep their existing plants running safely and efficiently.

Our team performs complete **integrity assessments** to identify wear, corrosion, or obsolescence, and to define the most effective maintenance or replacement strategies.

By combining **technical know-how**, **field experience**, and **advanced monitoring tools**, we deliver practical solutions that extend equipment and asset lifecycles and optimize plant performance.

### Our services include:

- Plant integrity and condition assessment;
- Inspection and diagnostic surveys (visual, NDT, functional);
- Maintenance and revamping planning;
- Failure analysis and life-cycle evaluation;
- Spare parts and modernization support;

We help our clients **maximize reliability**, **reduce downtime**, and **protect their investment**.



## ■ Technical Training & Operator Development

We provide customized **training programs** designed to enhance the technical skills and operational awareness of plant personnel.

Our courses combine **theoretical knowledge** with **hands-on practice**, helping operators, technicians, and maintenance teams to manage equipment safely, efficiently, and in full compliance with international standards.

### **Training areas include:**

- Operation and maintenance of valves and mechanical systems;
- Start-up, shutdown, and troubleshooting procedures;
- Safety awareness and best industrial practices;
- Preventive and predictive maintenance techniques;
- On-site and classroom technical sessions;

Each program is tailored to the client's specific equipment and operational context, ensuring **practical results** and **immediate applicability**.

We help your teams **build competence, confidence, and reliability** in every aspect of plant operation.

## ■ Educational & Technology Transfer Services

IECC offers **comprehensive training and technology transfer services** aimed at fostering local industrial development and long-term capacity building. Our goal is not only to support our clients' technical and operational needs, but also to contribute to the broader **growth** of the **regional ecosystem** in which we operate. Through structured programs, workshops, and on-the-job mentoring, we share industrial know-how, promote local expertise, and enable the adoption of advanced technologies.

By transferring knowledge and technical skills, we help **strengthen local industries, create employment opportunities**, and encourage **sustainable economic development** aligned with international standards.



# EXPERTISE

## ■ Civil Airports & Maritime Ports

**Civil airports and maritime ports** are among the most **complex infrastructures** to design, build, and operate.

They integrate civil works, heavy structural elements, energy and utility systems, fuel infrastructure, safety systems, and advanced operational technologies, often under strict regulatory frameworks and demanding timelines.

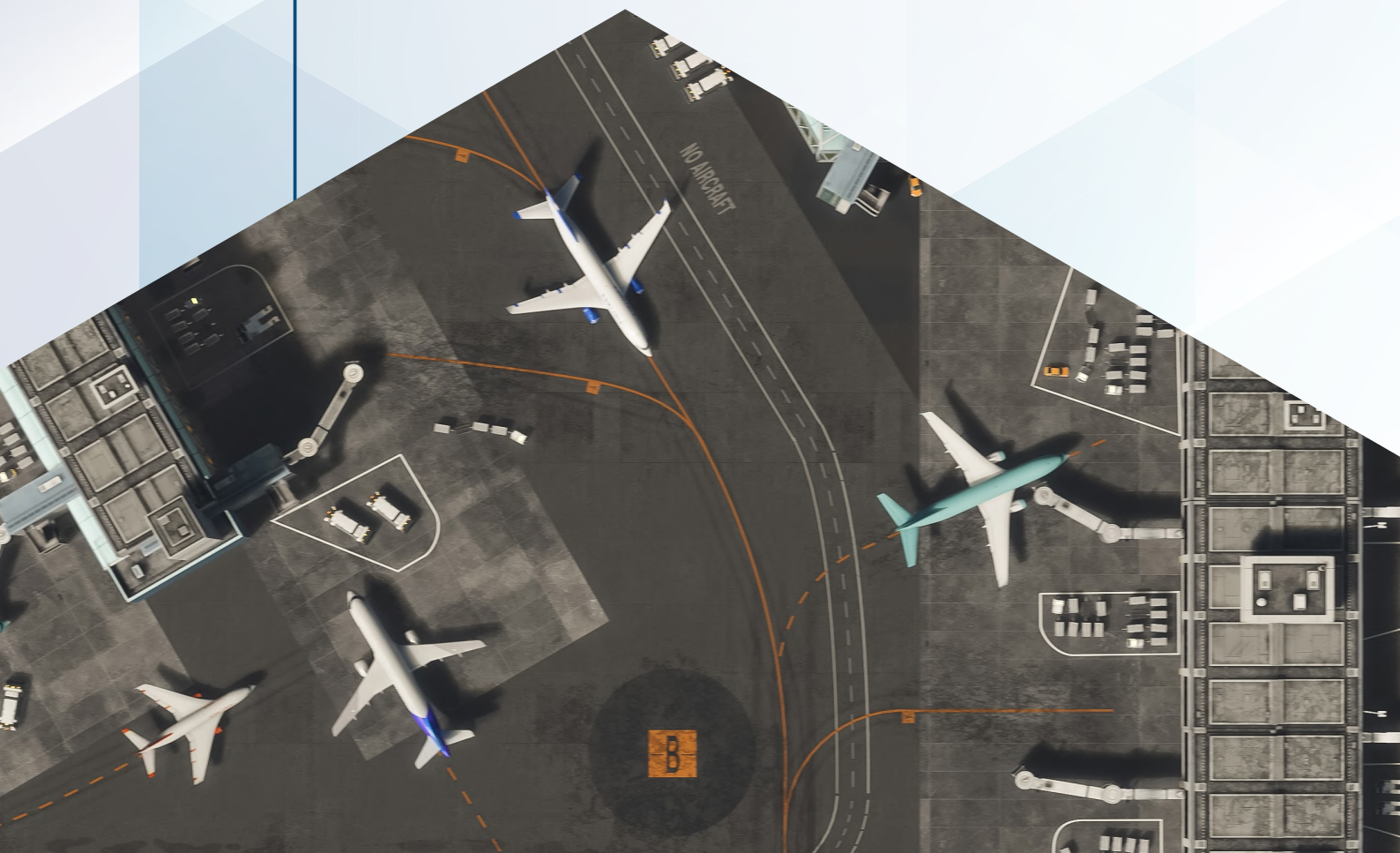
Our consortium delivers fully integrated airport and port solutions, **acting as a single point of responsibility** for construction and systems integration.

We develop complete infrastructures ranging from runways, taxiways, terminals, and airside facilities to container and bulk terminals, quay walls, jetties, and cargo handling and logistics areas, complemented by integrated systems for fuel, power, utilities, and operational control.

Each project is engineered in compliance with **international aviation and maritime standards**, with a strong focus on operational efficiency, safety, structural durability, and long-term reliability across passenger and freight operations.

Our approach is based on full systems integration, enabling the effective coordination of civil works, MEP systems, and operational technologies in complex transport environments.

The same EPC and integration capability we apply to **energy and industrial plants** allows us to manage the complexity of **airport and port infrastructure** with confidence.



## ■ Oil & Gas

Oil & Gas projects operate under some of the most demanding conditions in the industrial world. High pressures, complex fluid handling, strict safety requirements, and the need for continuous operation require infrastructure that is **engineered, built, and integrated without compromise**.

Our consortium delivers **robust, field-proven Oil & Gas infrastructure, acting as a single EPC partner** capable of managing complexity and reducing risk across the entire project lifecycle.

We support upstream, midstream, and downstream projects with integrated solutions that include:

- Processing and production facilities
- Fluid handling, transport, and storage systems
- Utilities and offsite infrastructure
- Balance of plant integration
- Safety, control, and monitoring systems

Every system is designed to operate reliably under real-world conditions, not just on paper.

By integrating engineering, procurement, and construction under one structure, we transform engineering complexity into **operational confidence**.

## ■ Fluid Balance of Plant (BOP)

Fluids are the backbone of energy plants, industrial facilities, and airports.

They are also where most operational risks, inefficiencies, and failures originate.

Our consortium positions itself as a **reference partner for Fluid Balance of Plant**, managing fluid systems as **integrated architectures**, not isolated components.

### **Our capabilities cover:**

- Process and utility piping systems
- Valves, actuators, and flow control
- Pumping, compression, and treatment systems
- Fuel, gas, water, steam, and chemical networks
- Automation, monitoring, and safety systems

We coordinate all interfaces to ensure that **fluids move safely, efficiently, and predictably** throughout the facility.

By treating fluid systems as a single, coherent system, we improve overall plant performance and reduce long-term risk.



## ■ Carbon Capture & Decarbonization

Decarbonization goals require more than ambition and studies. They require **industrial-grade execution**, where safety, reliability, and regulatory compliance are fully integrated.

Our consortium supports **Carbon Capture, Utilization, and Storage (CCUS)** projects by delivering the infrastructure needed to handle CO<sub>2</sub> as a controlled, managed industrial fluid.

We provide the critical systems that make decarbonization operational:

- CO<sub>2</sub> capture balance of plant
- Compression, conditioning, and transport systems
- Injection and storage infrastructure
- Monitoring, control, and safety systems
- Integration with existing industrial facilities

Our experience in fluid-intensive systems allows us to manage CO<sub>2</sub> infrastructure with the same rigor applied to oil, gas, and energy projects.

We help clients move from decarbonization strategies to **real, measurable, operational results**.

## ■ Renewables & Energy Transition

Energy transition is not only about deploying new technologies. It is about **making them work reliably at industrial scale**, integrated with existing infrastructure and ready for long-term operation.

Our consortium enables renewable and alternative energy projects by delivering the **industrial backbone** that connects production, storage, and distribution systems into a coherent, operational whole.

We focus on the parts of the project where reliability and performance are decided:

- Balance of plant for renewable facilities
- Utility and auxiliary systems
- Energy storage integration
- Hybrid systems connecting conventional and renewable energy
- Grid connection and distribution infrastructure

We ensure that innovative technologies are supported by **practical, buildable, and maintainable infrastructure**.

We don't just support innovation—**we bridge innovation and execution**.





# IECC

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