

INTEGRATED SOLUTIONS GLOBAL IMPACT





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ABOUT US

01

ABOUT US

CH4 brings American engineering and construction standards, technical knowledge, and financing to utility-scale energy and infrastructure projects.

We integrate advanced technology, engineering expertise, and an unwavering commitment to health, safety, and quality standards to enhance environmental sustainability and economic opportunity in emerging markets.



ABOUT US

Global Reach.

Headquartered in Puerto Rico (U.S.), we serve clients and communities across:

- South America
- Central America
- The Caribbean
- The Middle East

Markets served:

- Oil & Gas
- Renewables
- Infrastructure

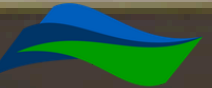


ABOUT US

Our Services

- **Engineering and Feasibility:** Conceptual and detailed engineering, technical feasibility studies, and systems optimization.
- **Project Financing:** Proven capability in structuring and securing project financing, even in challenging environments, via private funding and public-private partnerships.
- **Procurement and Logistics:** Acquisition and coordination of materials and equipment with strict quality control and on-time delivery.
- **Construction Management:** Full project execution from foundational work to final delivery.
- **Operations & Maintenance:** Skilled technicians ensuring long-term plant performance and asset reliability.

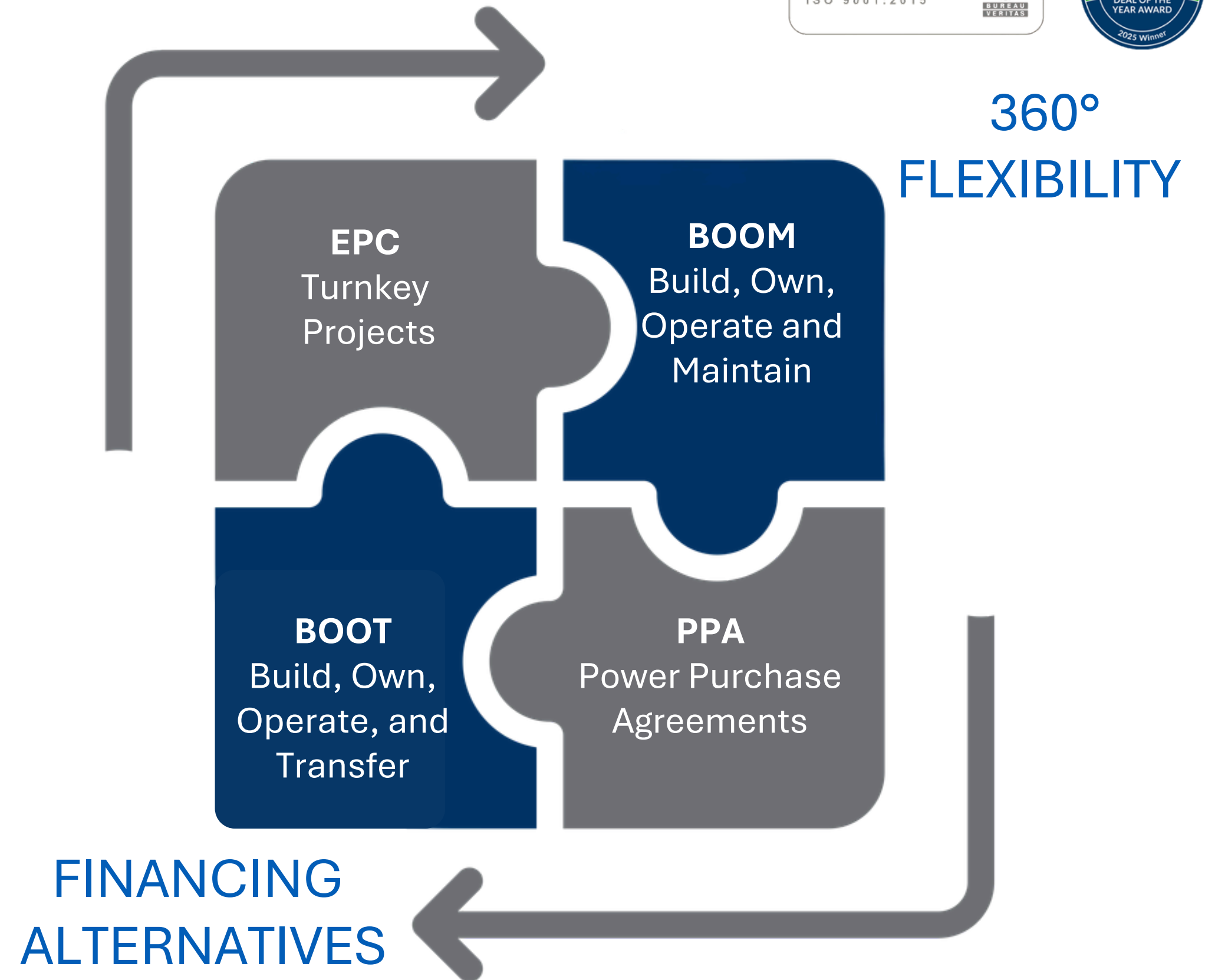
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ABOUT US

Our Business Models

Flexible approaches designed to address the demands of today's marketplace



ABOUT US



CLIENTS AND PARTNERS

 Main Clients

Key Partners 



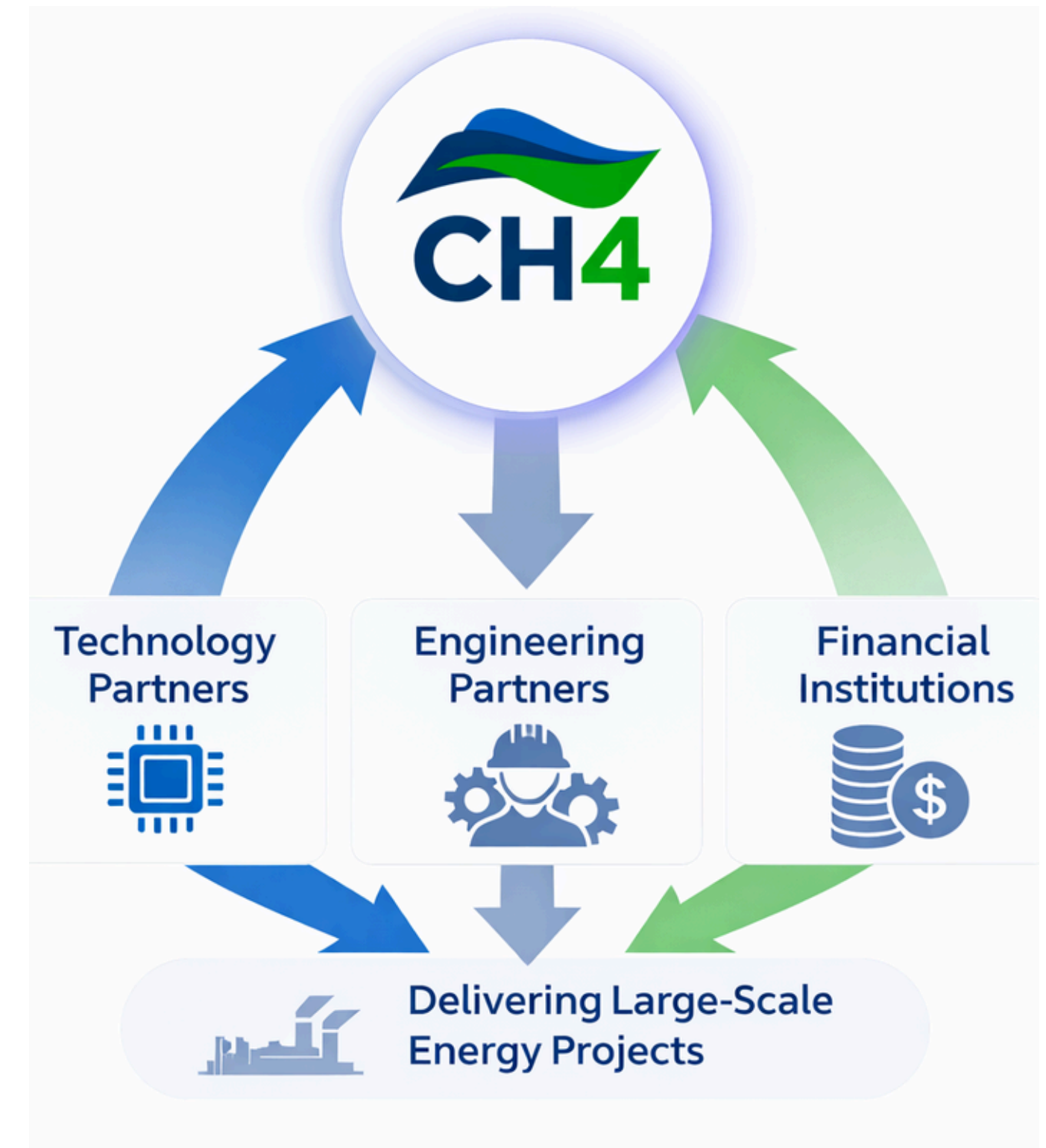
WHAT SETS US APART

02

U.S. STRATEGIC ALLIANCES

- Strengthening economic security requires protecting critical infrastructure, securing energy supply chains, and advancing strategic projects through U.S. expertise.
- Alliances with leading global engineering and technology providers
- Integration of advanced equipment and manufacturing expertise
- Access to international financing and structured project funding
- Enhanced execution capability and reduced project risk

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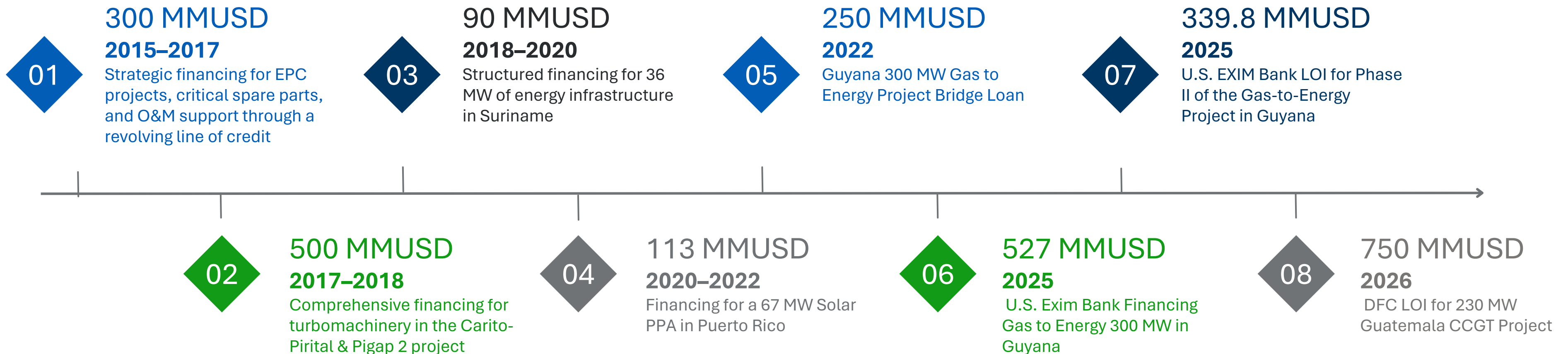
WHAT SETS US APART

- **Expertise:** CH4 delivers turnkey solutions, from initial concept to operations and maintenance, tailored to the most complex environments across Latin America, the Caribbean, and the Middle East.
- **Experience:** We have successfully delivered complex, utility-scale projects in challenging markets worldwide.
- **Excellence:** As a U.S.-based company, we adhere to ANSI, API, ISO, and ASME standards across all markets and projects.
- **Environment:** Every project is developed with sustainability and environmental stewardship at its core.



WHAT SETS US APART

A Track Record of Delivering Project Financing



Over \$2 billion in successfully structured and executed energy financings.

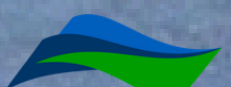


WHAT SETS US APART

EXIM Bank 2025 'Deal of the Year'

Prestigious award for the 300 MW Gas-to-Energy project in Guyana:

- Reducing CO₂ emissions by more than 1 million tons annually.
- Expected to reduce electricity costs for citizens and businesses in Guyana by up to 50%.
- Demonstrating our proven capability to deliver large-scale energy infrastructure in emerging markets with QHSE and CSR excellence.



OUR EXPERIENCE

03

OUR EXPERTISE

EPC Experience: Completed



Twin Natural Gas Compression Plants

- Location: Furrial and Punta de Mata.
- Turnkey Project for Gas-Lift production.
- 320 MMSCFD capacity.
- 8x 3612 Caterpillar Gas Engines (29,100 HP) with Ariel compressors.
- Elevating 1,200 PSIG to 4,500 PSIG.
- Commissioning and start-up assistance with our experienced personnel.
- Six (6) months O&M contract.



Natural Gas Compression Plant

- Total capacity: 25 MMSCFD.
- Elevating gas pressure to 1,200 PSIG for pipeline transmission.
- Including gas sweetening and dehydration facilities.
- Four (4) Caterpillar 3608 gas engines (7,200 HP) with Ariel compressors.



OUR EXPERTISE

EPC Experience: Completed

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Heavy equipment workshop EPC

- 3-bay workshop design for heavy machinery and equipment maintenance.
- Four 40-foot containers with a 5-ton capacity overhead crane.
- Accommodation with all necessary amenities.
- Containerized solution installed in 4 months, tailored to the client's need for a rapid deployment solution.



Power Plants

- Provided a robust fleet of rental power plants strategically deployed to guarantee reliable energy supply across multiple locations. These turnkey solutions delivered flexibility, rapid deployment, and high efficiency to meet the dynamic needs of industrial, utility, and emergency applications.
- Together, these facilities represented an installed rental capacity exceeding **74.5 MVA**, delivering scalable and dependable generation wherever it was required.



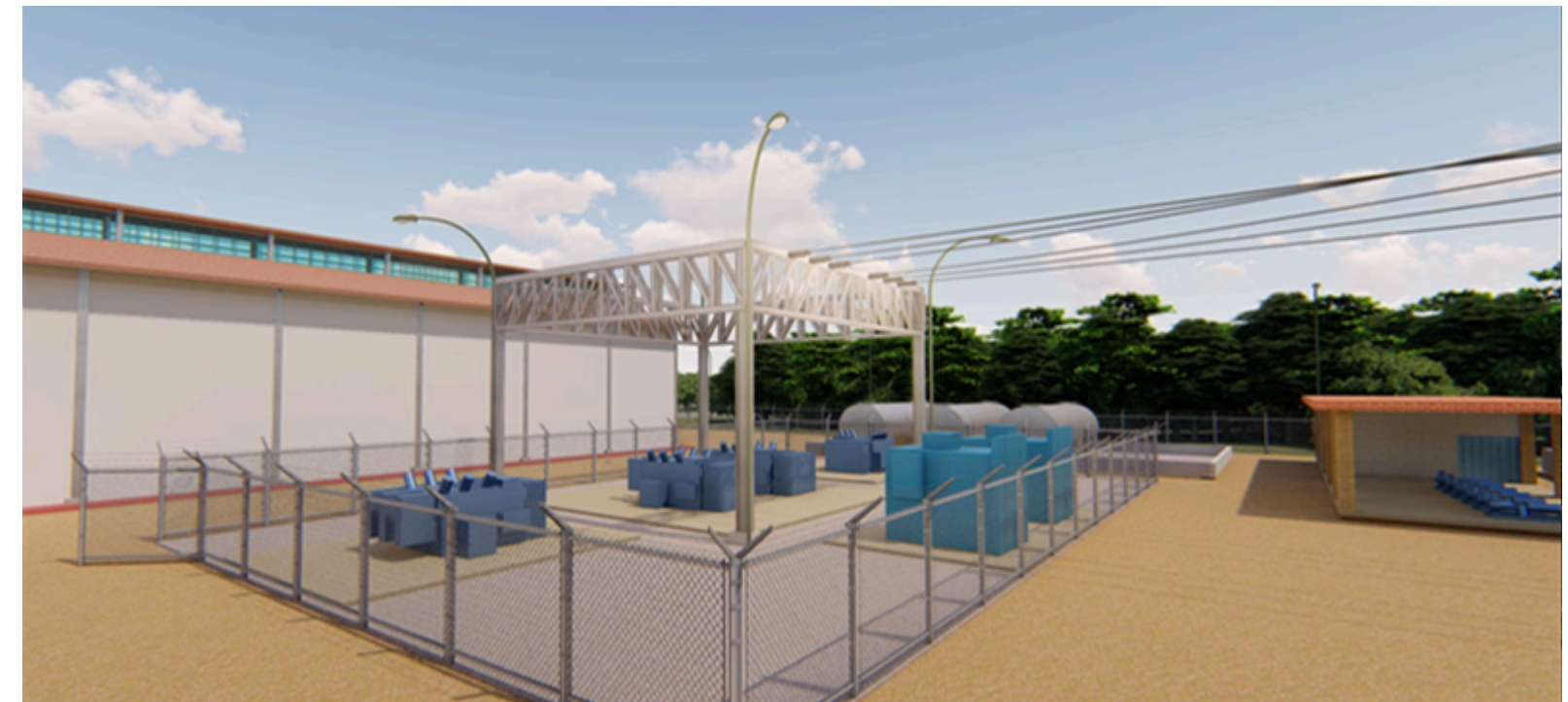
OUR EXPERTISE

Engineering Design Experience



6.8 MW Oilfield Power Plant

- Location: Suriname.
- Modern Packaged Power Station (PPS) with a 6.8 MW total installed capacity.
- 4 × 1.71 MW HHJ 9H21/32 generator sets operating on crude oil / HFO



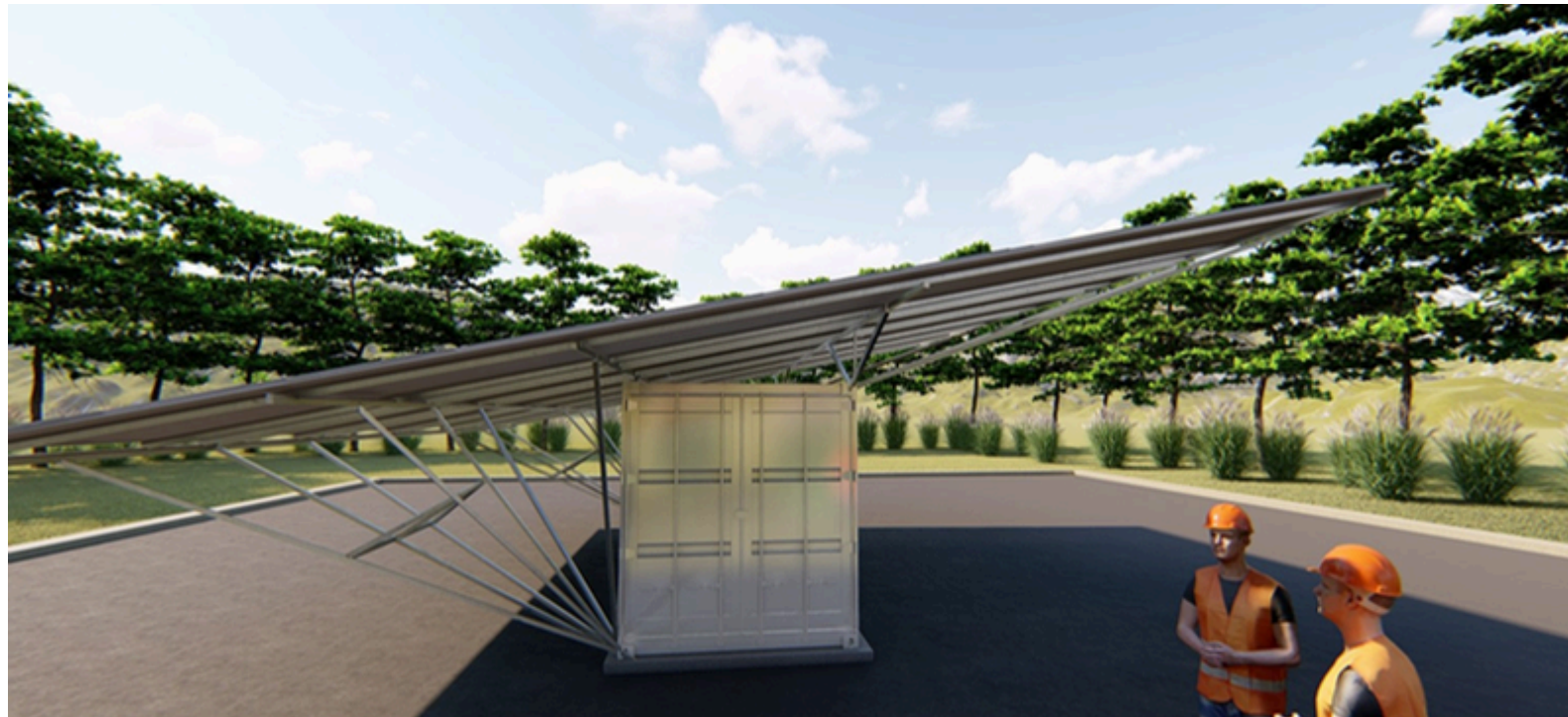
Moengo 11 MW Power Plant

- Location: Suriname.
- High-efficiency reciprocating engine configuration.
- Designed to operate on natural gas or crude oil
- 5 × containerized generator sets
- Total capacity: 11 MW (dual-fuel) plus 11 MW of solar PV.



OUR EXPERTISE

Innovative Energy Products



Remote Power Solutions with PV

- Off-grid, containerized photovoltaic power generation system with plug-and-play capability.
- Complete with BESS and Inverters.
- PV capacities of 25 kWp in a 20 ft container, or 84 kWp in a 40 ft container.
- Ideal solution for remote oil well pumps, water pumping, and off-grid utility applications.



Portable Power Generation with LPG Turbines

- Application of small turbine technology.
- Reduced site emissions.
- Modular units ranging from 333 kW to 1.3 MW. Fuel: LPG (Liquefied Petroleum Gas).



OUR EXPERTISE

Maintenance Experience



Offshore Maintenance:

- Service description: Preventive and corrective maintenance for installed gas lift (1,300 PSI) and gas injection (3,000 PSI) compression packages.
- Location: Paria Gulf.
- Equipment: Two (2) G3616 compressor packages rated at 4,300 HP each, and two (2) G3606 compressor packages rated at 2,800 HP each.

Offshore Maintenance:

- Corrective and predictive maintenance activities performed on an on-call basis, for power generators, switchgear, MCC and boards, on the offshore PP1 platform.
- Equipment: An electrical system consisting of two (2) Marathon Magmax gas-fired generators rated at 100 kW each, plus one 100 kW diesel backup generator.



OUR EXPERTISE

Turnkey Project



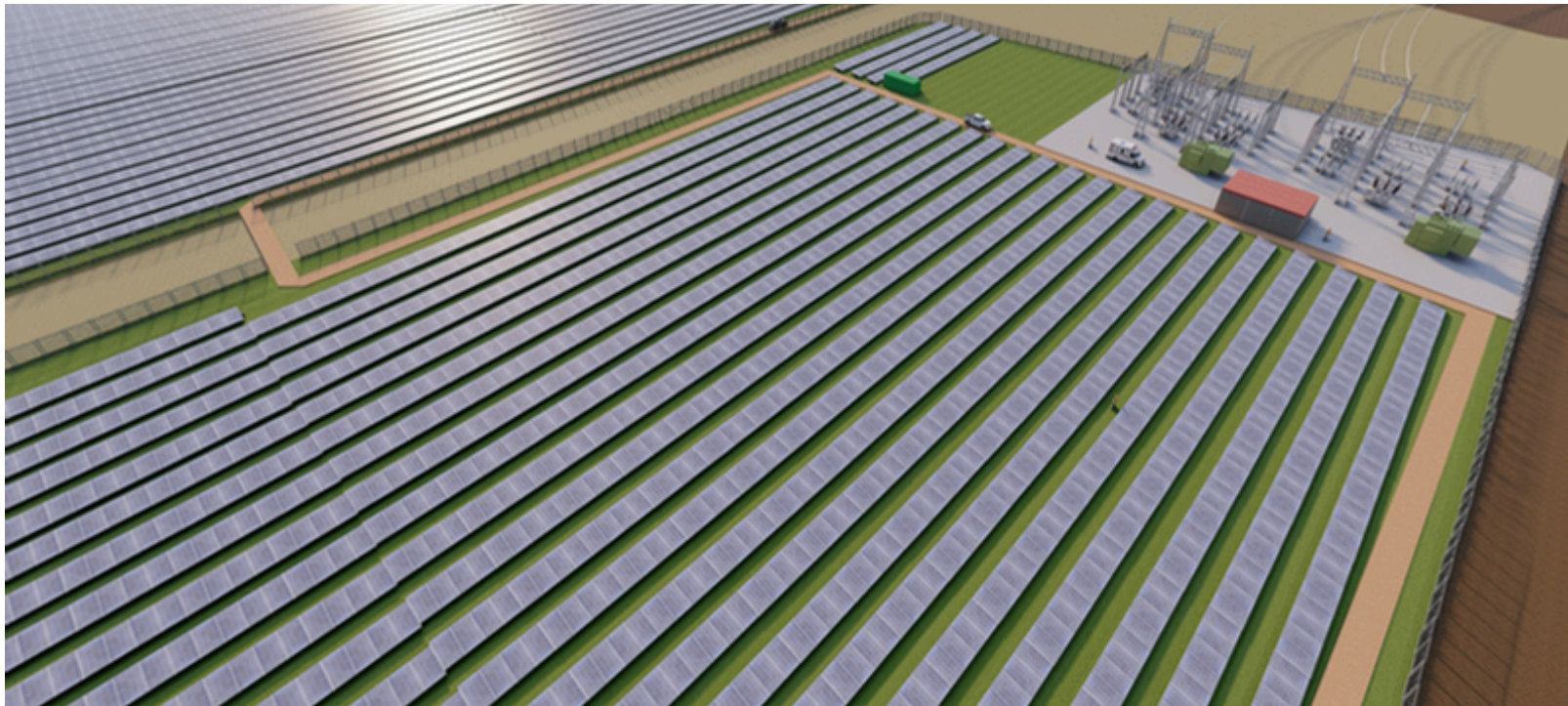
300 MW Gas to Energy Combined Cycle and NGL Facility

- Successfully completed the engineering, procurement, preliminary civil works, and planning phases, with financing secured.
- Investment: \$759 million.
- Location: West Bank Demerara, Guyana.
- Project scope: A 300 MW power plant and NGL facility for 50 MMSCF of natural gas, complete with a 60 MWh BESS and a 230 kV substation.



OUR EXPERTISE

Pre-feasibility Phase Successfully Completed



Puerto Rico Santa Isabel Photovoltaic Plant

- Business Model: PPOA (25-year term).
- Design of 30 MWac photovoltaic plant, with potential to expand to 62 MWac.
- BESS for ramp and frequency control.
- Complete technical design for bidding.
- Land purchase agreement, easement negotiations, interconnection studies, and permitting studies.
- A bankable structure aligned with regulatory and financial expectations.

Puerto Rico 300 MW Combined Cycle / H2 PPOA

- Business Model: PPOA (30-year term).
- Completed technical design for bidding.
- 300 MW Siemens CCGT configuration in a 2 × (2+1) arrangement, including SGT-800 gas turbines and an SST-400 steam turbine.
- Multiple fuels: natural gas and hydrogen (with diesel backup).
- The project integrates solutions for photovoltaic plants, green hydrogen production, power transmission lines, interconnection studies, port infrastructure, LNG supply, FSRU-based regasification, gas pipelines, and land leasing.



OUR EXPERTISE

Gas Production Experience



Gas Exploration & Production Operations

- Operators of producing assets in the Alworth field, Zapata, Texas.
- Responsible for the operation, rehabilitation, workover, and production of 18 wells (14 in Zapata County, 4 wells in Jim Hogg County).
- We design, operate, maintain and condition all the facilities for the handling and treatment of the produced gas to the conditions required by our buyer.
- All our operations are conducted in compliance with State of Texas regulations and under the supervision of the RRC.



OUR EXPERTISE

Mining Experience: Coal



Mining Services for Carbones de Guasare S.A.

- On-site maintenance services for coal-mining equipment, including complete overhauls, repairs, and upgrades of heavy machinery.
- Provision of skilled labor.
- On-site supply and sales of spare parts and components.
- Over 20 years of proven contract performance.
- 24/7 operations and emergency support.



OUR EXPERTISE

Mining Experience: Iron

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CVG FERROMINERA ORINOCO

- On-site maintenance services for iron-mining equipment, including complete overhauls, repairs, and upgrades of heavy machinery.
- Provision of skilled labor.
- On-site supply and sales of spare parts and components.
- Over 20 years of proven contract performance.
- 24/7 operations and emergency support.



CORPORATE SOCIAL RESPONSIBILITY

04

CORPORATE SOCIAL RESPONSIBILITY



Environment

- Strong Environmental Policies
- Environmentally Responsible Projects
- Focus on Cleaner Energy Projects
- Biodiversity Protection
- Reducing Net Emissions



CORPORATE SOCIAL RESPONSIBILITY

Governance

- FCPA and OFAC compliance training
- Strong Enforcement of the Code of Ethics
- Strong Anti-Bribery and Anti-Corruption Policies
- Promoting Sustainable, Bankable Projects

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CORPORATE SOCIAL RESPONSIBILITY

Social

- Reducing Electricity Cost
- Creating Local Jobs
- In-house Training Programs
- Community Outreach activities
- Highest Health and Safety Standards
- Employee Development
- Responsible Supply Chains
- Transferring Technology to the Local Community

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SUMMARY

05

SUMMARY



Engineering and Design
Development of efficient and sustainable projects.

Procurement and Construction
High-quality equipment and materials with expert execution.



Operation and Maintenance
Maximum performance and extended asset life.

Installation and Commissioning
Projects delivered ready for operation



Integrated energy solutions for a changing world.

