



Dream Engineering
& Construction
Global

DREAM E&C GLOBAL

COMPANY PROFILE

DREAM ENGINEERING & CONSTRUCTION GLOBAL

Engineering the Future
of Global Infrastructure

EPC • Project Development • Construction Management
Energy • Infrastructure • Industrial Solutions

EST. KOREA

GLOBAL OPERATIONS

2026

MIDDLE EAST • AFRICA • ASIA

www.dreamglobal.com



WHO WE ARE

A Full-Cycle EPC Platform Delivering Bankable Projects Across Emerging Markets

Dream Engineering & Construction Global Co., Ltd. is a Korea-based international EPC firm specializing in energy, infrastructure, and industrial plant solutions. Operating as a full-cycle project developer and execution partner, the company delivers sustainable projects across the Middle East, Africa, and Asia — transforming concepts into operational reality.



MIDDLE EAST • AFRICA • ASIA

OUR VISION

To become a leading global engineering and EPC platform company, delivering sustainable infrastructure and energy solutions across emerging markets.



TECHNICAL PRECISION

Bankable and executable projects with engineering rigor



ENGINEERING EXCELLENCE

Strict compliance with API, ASME, IEC, and IEEE standards



LONG-TERM PARTNERSHIPS

Deep collaboration with governments, investors, and local stakeholders



SUSTAINABILITY

Advancing renewable energy and resilient infrastructure globally

CORPORATE IDENTITY

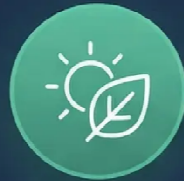
Core Values & Corporate Philosophy

Five foundational pillars that guide every decision, every project, every partnership



Engineering Excellence

Technical precision rooted in API, ASME, IEC, and IEEE standards — design integrity on every project



Sustainability

Advancing solar, hybrid microgrids, and low-carbon infrastructure aligned with global climate goals



Integrity

Transparent operations, ethical business practices, and full accountability in every client engagement



Innovation

AI optimization, modular construction, and digital twins driving efficiency across the project lifecycle



Partnership

JVs, consortiums, and local integration ensuring cultural alignment and regulatory success



Full-Cycle Solutions. From Concept to Commissioning.

Four integrated service pillars delivering bankable, executable projects across energy and infrastructure.



01

Project Development

PPP • BOT • BOO

Feasibility studies, financial modeling, government liaison, and investment structuring. Every project begins with a bankable foundation.



02

EPC Execution

Engineering • Procurement • Construction

Turnkey delivery of solar plants, hybrid microgrids, oil & gas terminals, and pipeline systems – from 10 MW to 250+ MW scale.



03

Construction Management

QA/QC • Schedule • Compliance

ISO 9001-aligned quality protocols, Primavera P6 scheduling, and rigorous contractor coordination ensuring on-time, on-budget delivery.



04

Energy & Infrastructure

LNG • Smart City • Storage

LNG/FSRU terminals, large-capacity oil storage tank farms, smart city systems, and energy-real estate synergy developments.

Engineering-Driven Construction Management

A systematic, engineering-led approach to delivering complex plant projects on time, within budget, and to specification



What is CM?

- Construction Management (CM) is the professional service that applies specialized project management techniques to the planning, design, and construction of facilities
- Dream E&C Global's CM is led by senior engineers who integrate technical expertise with proven PM methodologies



Our CM Philosophy

Engineering Precision: Every decision backed by rigorous technical analysis
Proactive Risk Management: Identify and mitigate risks before they impact schedule or cost
Integrated Delivery: Seamless coordination from concept to commissioning



Why Engineering-Led CM?

- Reduces rework by 35% through early engineering integration
- Improves schedule adherence by proactive procurement tracking
- Ensures compliance with API, ASME, IEC, and ISO standards
- Delivers bankable projects that satisfy lenders and investors

Trusted across Middle East • Africa • Asia — From 10 MW Solar Plants to 750,000 m³ LNG Terminals

5-Phase CM Process Framework

A structured, end-to-end lifecycle methodology for plant construction excellence

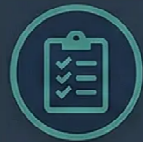


Supported Throughout by: Quality Management System (QMS) · Health, Safety & Environment (HSE) · Digital Project Controls

Pre-Construction Planning & Engineering Coordination

Phases 1 & 2 — Laying the Foundation for Flawless Execution

01



Pre-Construction Planning

- Owner's requirements review & scope definition
- Project Execution Plan (PEP) development
- Work Breakdown Structure (WBS) & CPM scheduling
- Risk identification & mitigation planning
- Regulatory compliance & permitting strategy
- Contractor pre-qualification & mobilization planning



02



Engineering & Procurement Coordination

- Design review & engineering oversight (P&ID, GA, civil)
- Vendor qualification & technical bid evaluation
- Material take-off (MTO) & procurement tracking
- Long-lead item identification & expediting
- Shop drawing & submittal review
- Logistics planning & import/export coordination

Construction Execution & Project Controls

Phases 3 & 4 — Delivering Quality on Site with Precision Monitoring

03



Construction Execution & Supervision

- Site mobilization & contractor coordination
- Daily construction supervision & field inspection
- Method statement & ITP implementation
- Progress monitoring & reporting
- Document control & change management
- Multi-discipline crew management



04



Project Controls – Cost & Schedule

- Earned Value Management (EVM) system
- Schedule monitoring via Primavera P6
- Cost tracking & budget variance analysis
- S-curve progress & cash flow forecasting
- Change order & claims management
- Weekly/monthly executive reporting

Pre-Commissioning & Commissioning

Phase 5 — Ensuring Safe, Verified, and Documented System Handover

05



The final and most critical phase ensures all systems are safely tested, verified, and formally accepted before commercial operation begins. Dream E&C's engineers lead every step from mechanical completion to final handover.



Pre-Commissioning

- Mechanical completion verification
- System walkdown & punch list clearance
- Flushing, cleaning & hydrostatic testing
- Electrical continuity & insulation testing



Commissioning

- Commissioning plan development & execution
- Utility systems start-up sequence
- Equipment performance testing & tuning
- Control system (DCS/PLC) loop checks



Handover & Closeout

- As-built drawings & documentation
- O&M manuals & spare parts handover
- Performance guarantee demonstration
- Final Completion Certificate (FCC) issuance

QMS, HSE & Key Success Factors

Integrated Quality and Safety Systems Underpinning Every Phase of Execution



Quality Management System

ISO 9001:2015

- Project Quality Plan (PQP) development
- Inspection & Test Plans (ITP) enforcement
- Non-Conformance Report (NCR) management
- Third-party inspection coordination
- Document control (electronic DMS)
- QMS audit & continuous improvement



HSE Management

Zero Incident Culture

- HSE Management Plan & HAZID/HAZOP studies
- Work Permit System (PTW) implementation
- Daily toolbox talks & safety inductions
- Incident investigation & root cause analysis
- Environmental compliance monitoring
- Emergency Response Plan (ERP) activation



Key Success Factors

Our Differentiators

- Engineering-led CM leadership
- Integrated digital project controls (BIM, P6)
- Multi-cultural team & local partner synergy
- Proactive stakeholder communication
- Lessons-learned culture & knowledge transfer
- Track record across 3 continents

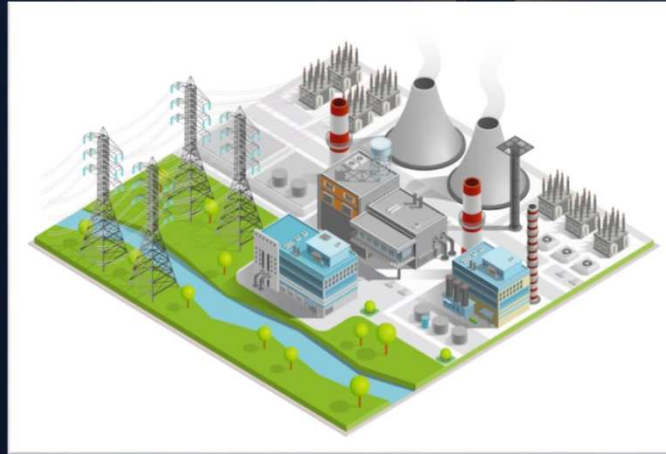
GLOBAL DEVELOPMENT

Where We Develop, What We Deliver

Active presence across the Middle East, Africa, and Asia — proven by landmark projects on the ground.



Power Plant



Chemical & Petro Plant



Renewable Energy Plant

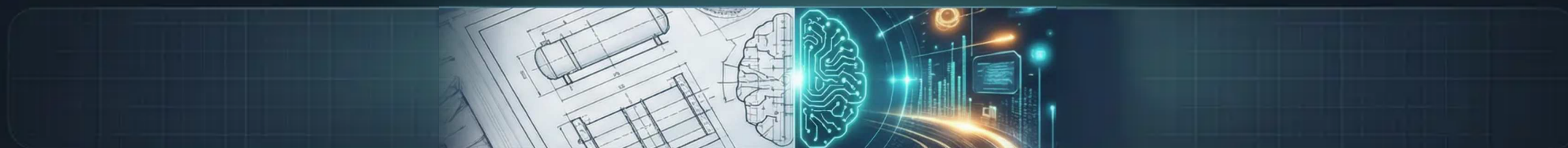
Active Markets: Middle East • Africa • Asia

Dream Engineering & Construction Global

TECHNICAL CAPABILITIES

Technical Expertise & International Standards

Engineering precision backed by global codes — and driven forward by innovation.



GLOBAL STANDARDS COMPLIANCE

API 650/620/653

Large-scale oil storage tanks & pressure vessels

ASME Section VIII

Structural integrity & industrial material specifications

IEC 61400-1 & IEEE 1547

Renewable energy systems — wind & solar power plants

ISO 9001:2015

Quality management across all project delivery phases

API Pipeline Codes

High-pressure pipeline design with X65/X70 material spec

INNOVATION & R&D INITIATIVES



AI-Driven Energy Optimization

Algorithms optimize solar array orientation and energy dispatch in real time

ACTIVE



Modular Construction Techniques

Prefabricated modules reduce on-site construction time by up to 40%

40% FASTER



Digital Twin Applications

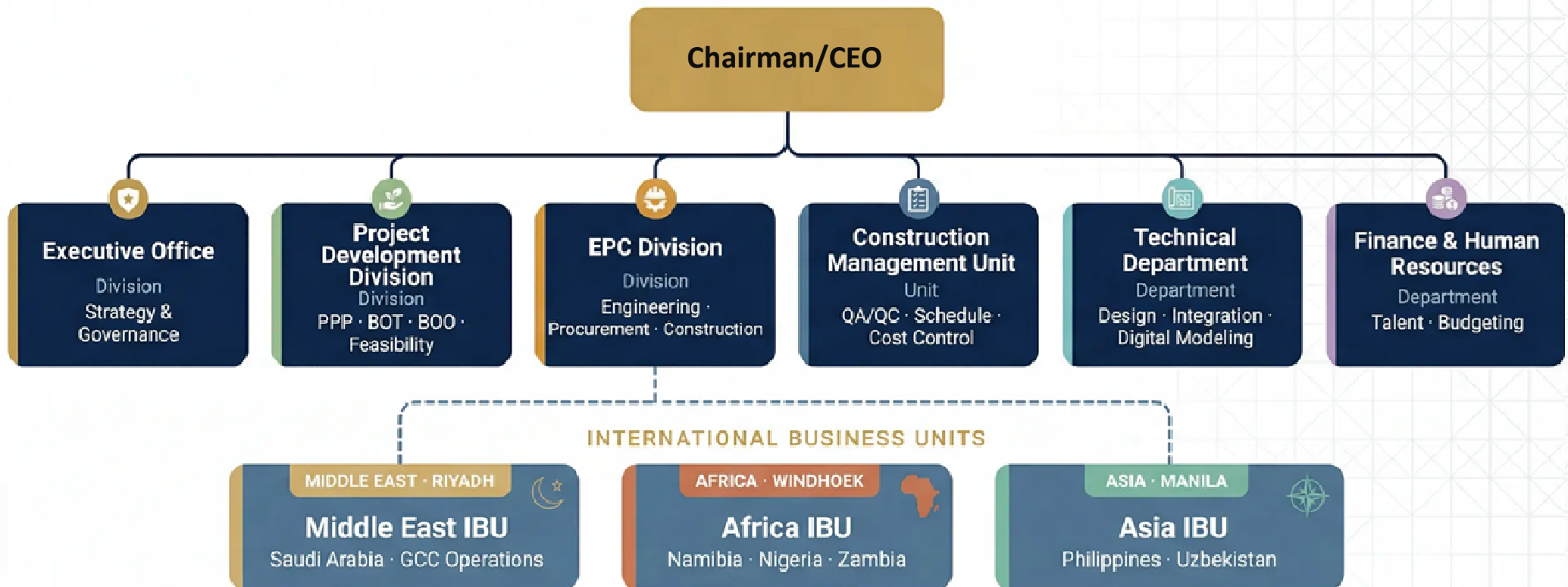
Real-time monitoring and predictive maintenance across all critical assets

PILOTING NOW

ORGANIZATIONAL STRUCTURE

Our Global Team

Integrated leadership across functions and geographies



Technical Specialists

TECHNICAL SPECIALISTS

Cho Jin-Gu
Lead Engineer

Urban Planning &
Architecture Specialist

*Riyadh Housing
Nairobi Urban Planning
Master Plan of Dhaka*

Joo Jeong-Hwan
Lead Engineer
Plant Specialist

*Plant EPC Specialist
Petro Chemical, Power Plant, Tank Terminal*

Chu Seong-Ryong
Lead Engineer

*Plant Quality Control Specialist
Petro Chemical, Power Plant, Tank Terminal*

Park Seong-Hwan
Senior Engineer
Project Management

*EPC Project – Process & Schedule
Management Specialist
Petro Chemical, Power Plant, Tank Terminal*

Kenneth Lee
Lead Engineer

*Electric & HSE Specialist
Smart Farm, Solar Power Plant,
Chemical Plant*

Ahn Chang-Gon
Senior Specialist

*IT & Energy Specialist
IT-based Project Management
Process Control & Quality Control
Renewable Energy Specialist*

SECTION 07 • CLOSING

Competitive Advantages & Future Outlook

Why Dream E&C Global — and where we are headed next.

WHY WE STAND APART



Integrated Full-Cycle Model

From project origination and feasibility through EPC execution and construction management — one trusted partner, zero fragmentation.



Established Regional Presence

Active operations across the Middle East, Africa, and Asia with local partnerships, government relationships, and proven permitting track records.



Deep Technical Excellence

Compliance with API, ASME, IEC, and IEEE standards. Expertise spanning solar, hybrid microgrids, LNG terminals, oil storage, and pipeline systems.



Flexible Partnership Models

JV, consortium, PPP, BOT, and BOO structures enabling adaptive, risk-shared delivery across diverse regulatory environments.

THE DREAM ADVANTAGE

End-to-end capability. Global reach. Technical depth.
One partner from concept to commissioning.

WHERE WE ARE GOING



Green Hydrogen Initiatives

Pioneering next-generation clean energy projects, positioning Dream E&C Global at the frontier of the hydrogen economy.



Digital Twin & AI Monitoring

Full-scale rollout of real-time digital twin platforms and AI-driven project monitoring across all global operations by 2026.



Latin America Expansion

Entering high-growth markets in Latin America with a focus on renewable energy infrastructure and sustainable urban development.

VISION 2030

A global EPC platform delivering sustainable infrastructure — from emerging markets to the world stage.

