arenes®

CORPORATE CAPABILITIES

ENGINEERING THAT DELIVERS

www.arenesgroup.com

Netherlands Türkiye Poland Spain

arenes®

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ASPİLSAN LI-ION BATTERY FACTORY

OYAK SİVAS ERMADEN SPP

HYUNDAI ALMATY FACTORY

ENGINEERING AT OUR CORE

Built on technical execution. Structured for integrated project delivery.

Arenes Engineering Group is an engineering-led contracting and project-delivery organisation with a proven track record across electrical, electromechanical, industrial, energy and infrastructure projects.

Since its establishment, Arenes has delivered complex technical scopes across manufacturing facilities, power infrastructure, airports, public buildings, water systems and international projects.

Today, the Group combines this execution capability with an expanding European platform and a structured approach to EPC and EPCF project development.

Founded
2013

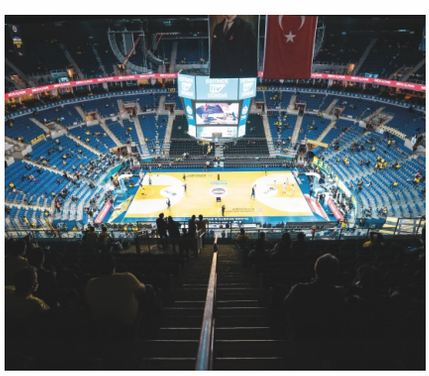
Completed Projects
65

Engineers & Staff
614

Countries of Execution
5

Facilities Delivered
+5M

Installed Electrical Capacity
+450 MW



From technical execution to integrated project delivery.

CORE CAPABILITIES

Integrated technical capability across the project lifecycle

ENGINEERING & DESIGN	Concept Development · Detailed Engineering Coordination · Constructability Review · Value Engineering · Interface Management
PROCUREMENT & SUPPLY CHAIN	Vendor Coordination · Technical Compliance · Equipment Sourcing · Expediting · Logistics · Project-specific Procurement Support
ELECTRICAL SYSTEMS	MV/LV Distribution · Substations · Protection · Power Systems · Weak-current · Mission-critical Power Infrastructure
ELECTROMECHANICAL & AUTOMATION	Integrated MEP · Automation · BMS · SCADA · Controls · Multidisciplinary Systems Integration
CONSTRUCTION & INSTALLATION	Site Execution · Specialist Installation · Construction Coordination · Quality Control · Interface Management
TESTING & COMMISSIONING	Pre-commissioning · Functional Verification · Energisation · Systems Testing · Programming · Performance Checks · Handover

HSE, QUALITY & E&S MANAGEMENT

Management systems supporting international EPC and EPCF project delivery

2023–2025
1.17M TWH

Three-Year
Reporting Period
0 FATALITIES

200,000 hours basis
2023–2025
3.43 LTIR

HEALTH & SAFETY

Project-specific HSE Plans · Subcontractor HSE Pre-qualification · Risk Assessments And Method Statements · Toolbox Talks · Site Inspections And Audits · Incident Reporting And Corrective Actions

QUALITY

Project Quality Plans · Inspection And Test Plans (ITPs) · Material And Equipment Approvals · FAT/SAT Coordination · NCR And Corrective-action Management · Testing Records · As-built Documentation

ENVIRONMENTAL & SOCIAL

E&S Management Processes Are Being Developed To Support Lender And ECA Requirements, Including Alignment With Applicable IFC Performance Standards And Project-specific Environmental And Social Requirements.

Certified

Certification
in Progress

Certification
in Progress

ENGINEERING-LED EPC DELIVERY

Integrated technical and delivery capability for complex project packages and turnkey infrastructure solutions.

Arenes develops and delivers integrated project solutions combining engineering, procurement, specialist construction, systems integration and commissioning disciplines.

Depending on the contractual structure and project requirements, Arenes may act as an EPC contractor, EPC delivery partner, specialist EPC package contractor, turnkey electrical or electromechanical contractor, systems integration partner, or testing and commissioning contractor.

This project-specific approach enables Arenes to assume the level of technical and contractual responsibility appropriate to each opportunity while maintaining clear battery limits, interfaces and performance obligations.

A

ENGINEERING

- Design coordination
- Technical specifications
- Constructability
- Value engineering
- Interface definition

B

PROCUREMENT

- Vendor strategy
- Technical compliance
- Equipment sourcing
- Expediting
- Logistics

C

CONSTRUCTION

- Site management
- Installation
- Quality control
- HSE implementation
- Multidisciplinary coordination

D

COMMISSIONING

- Functional testing
- Programming
- Energisation
- Performance verification
- Handover

ONE COORDINATED DELIVERY FRAMEWORK

EPC Contractor · EPC Delivery Partner · Electrical EPC Package · MEP Design & Build
Turnkey Systems · Systems Integrator · Testing & Commissioning

FROM EPC DELIVERY TO BANKABLE PROJECT DEVELOPMENT

Aligning technical delivery, commercial structure and finance coordination from the earliest stages of project development.

International infrastructure projects require more than a technically sound EPC solution. They also require a clear contractual structure, credible counterparties, defined revenue or repayment mechanisms, appropriate export content, environmental and social readiness, and a financing strategy aligned with the project.

ARENES works with specialist financial, legal and technical advisory partners to structure EPCF opportunities, connecting its engineering and delivery capability with the requirements of lenders and export credit agencies.

BANKABLE PROJECT

FINANCE COORDINATION

- Banks
- ECAs
- DFIs
- Advisors
- Investors

TECHNICAL DEFINITION

- Scope
- Capacity
- Technology
- Interfaces
- Program

COMMERCIAL STRUCTURE

- Employer
- EPC Structure
- Payment Mechanism
- Guarantees

E&S / COMPLIANCE

- Environmental
- Social
- Governance
- Lender Requirements

EXPORT & LOCAL CONTENT

- Eligible Supply
- Country of Origin
- Procurement Structure

PROJECT INFORMATION

- Feasibility
- Permits
- Land
- Approvals
- Project Data

Through this model, Arenes can support the coordinated development of opportunities toward bankability and potential financing engagement with commercial lenders, export credit agencies, development finance institutions and investment partners.

A STRUCTURED EPCF DEVELOPMENT FRAMEWORK

Four coordinated workstreams from opportunity qualification to financing readiness and delivery.

A

ORIGINATE & QUALIFY

Project Identification · Counterparty Review · Country Assessment · Revenue / Repayment Mechanism · Permits · Preliminary Delivery Strategy

GO / NO-GO DECISION

B

DEVELOP THE EPC SOLUTION

Technical Concept · EPC Scope & Battery Limits · Budget & Program · Procurement Strategy · Export/Local Content · Contract Structure

DEFINED & COSTED EPC SOLUTION

C

PREPARE FOR FINANCE

Bankability Information · Financial Model Inputs · Data-room Preparation · E&S Requirements · Lender/ECA Information Needs · Due-diligence Coordination

FINANCE-READY PROJECT PACKAGE

D

COORDINATE TO CLOSE & DELIVER

Financing-party Engagement · Conditions Precedent Support · EPC Readiness · Drawdown Documentation · Progress Reporting · Delivery Coordination

FINANCIAL CLOSE → EPC EXECUTION

TYPICAL FINANCING ROUTES

- Export Credit Supported Financing
- Commercial Bank Financing
- DFI / Multilateral Support
- Buyer Credit Structures
- Project-Specific Investment Structures

ARENES' ROLE IS PROJECT-SPECIFIC

Financing is developed and provided by the relevant financing institutions and investment partners, while Arenes coordinates the technical, delivery and project-development workstreams within the agreed project structure.

SECTORS WE SERVE

Technical delivery across energy, industry ad complex infrastructure

SİVAS ERMADEN SPP

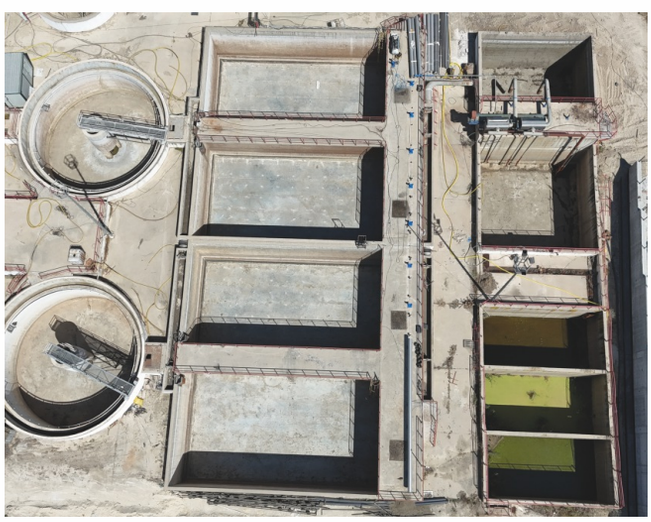
ENERGY & POWER

Utility-scale Solar · Substations · Grid Connections · Power Distribution

SÜTAŞ BINGOL DAIRY FACTORY

INDUSTRIAL & MANUFACTURING

Automotive · Battery Manufacturing · Food & Dairy · Industrial Plants



TAMEK SALIHLI FOOD PLANT

WATER & ENVIRONMENTAL

Wastewater Treatment · Pumping · Electromechanical Systems · Automation

ATATÜRK SUPREME COUNCIL

SECURE & COMPLEX FACILITIES

Defense-related · Public Security · Sensitive Environments · Airports · Public Buildings · Education · Commercial Facilities

ENERGY & POWER INFRASTRUCTURE

Integrated systems from generation to grid connection.

ARENES combines electrical, electromechanical and civil delivery capabilities for renewableenergy and power-infrastructure projects, with experience extending from generation-side systems to substations, transmission, control and commissioning.

SELECTED ENERGY REFERENCES

ERMADEN SOLAR POWER PROJECT

GÖK ENERGY HYDROPOWER PROJECT

POWER GENERATION

- Hydropower
- Solar PV
- Distributed
- Generation
- Balance Of Plant

SUBSTATIONS & GRID

- MV/HV Systems
- Transformers
- Switchgear
- Protection
- Metering

TRANSMISSION & DISTRIBUTION

- Power Distribution
- Overhead And Underground Networks
- Grid Connection

CONTROL & AUTOMATION

- SCADA
- Protection Coordination
- Monitoring
- Control Integration

BALANCE & CIVIL INTEGRATION

- Civil Works
- Equipment Foundations
- Cable Routes
- Site Infrastructure
- Multidisciplinary Interfaces

TESTING & COMMISSIONING

- System Testing
- Energisation
- Functional Verification
- SCADA Integration
- Handover

INDUSTRIAL & ADVANCED MANUFACTURING

Reliable power and integrated systems for process-driven facilities.

Industrial facilities require coordinated power distribution, process interfaces, automation, lifesafety systems and commissioning to operate as one reliable system.

CCI - COCA COLA FACTORY - Samarkand, UZBEKISTAN

CRITICAL POWER

MV/LV · Transformers · UPS · Emergency Power

PROCESS INTERFACE

Equipment Power · Process Loads · Special Electrical Infrastructure

AUTOMATION

BMS · SCADA · Lighting Automation · Monitoring

SAFETY & ELV

Fire Detection · CCTV · Data · Communications

COMMISSIONING

Functional Testing · Programming · Integration · Handover

SÜTAŞ BİNGÖL

Integrated Industrial Power Delivery

13 MVA

Electrical Delivery Across Dairy, Feed, Farm And Associated Energy Infrastructure.

AK GIDA AYDIN

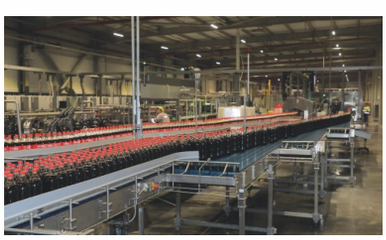
Process-driven Electrical Expansion

6.8 MVA

MV Expansion · LV Distribution · Weak-current · Lighting Automation · Implementation Design

CCI- COCA COLA SAMARKAND

Complex Food & Beverage Production



7.5 MVA

MV Distribution · LV Distribution · Weak-current · Lighting Automation · SCADA · Implementation Design

WATER & ENVIRONMENTAL INFRASTRUCTURE

Integrated electromechanical solutions supporting reliable and sustainable water infrastructure.

INDUSTRIAL WASTEWATER TREATMENT

TAMEK Salihli Industrial WWTP - In Scope of Electromechanical & Automation Works · Manisa-Türkiye

ARENES' wastewater-treatment experience combines electrical, mechanical, automation and process-system interfaces within operational industrial environments.

14.000
M³/DAY CAPACITY

TREATMENT SYSTEMS

- Water & Wastewater Process Interfaces
- Electrical Systems
- Electromechanical Integration

PUMPING & DISTRIBUTION

- Pumps
- Drives
- MCCs
- Distribution Systems

AUTOMATION & CONTROL

- Instrumentation
- PLC
- SCADA
- Monitoring

COMMISSIONING

- Functional Testing
- Process Interfaces
- Systems Verification

COMPLEX BUILDINGS & TRANSPORTATION INFRASTRUCTURE

Integrated systems for high-occupancy, operationally sensitive facilities.

COP-31 VENUE PROJECT – Antalya, TURKİYE

ATATÜRK SUPREME COUNCIL FOR CULTURE, LANGUAGE & HISTORY

Ankara · Public Infrastructure

106,000 m² | 12 MVA

Turnkey electrical works for a major institutional complex.

ISTANBUL ŞEHİR UNIVERSITY CAMPUS

İstanbul · Education

410,000 m² | 12.5 MVA

Integrated MV/LV, weak-current, BMS and lighting-automation systems.

KYRGYZ REPUBLIC PRESIDENTIAL PALACA

Bishkek · Sensitive Facility

35,000 m² | 10 MVA

Turnkey electrical works for a major operationally sensitive complex.

SELECTED FLAGSHIP PROJECTS

SELECTED FLAGSHIP PROJECTS

Proven delivery across advanced manufacturing, energy and complex infrastructure

ASPİLSAN Enerji Lithium-Ion Battery Production Plant

Kayseri, Türkiye

Advanced Technology Complex

TURNKEY ELECTRICAL WORKS

25,000
M² AREA

8 MVA
INSTALLED POWER

2020-2021
PERIOD

SELECTED FLAGSHIP PROJECTS

Proven delivery across advanced manufacturing, energy and complex infrastructure

HYUNDAI Automative Factory

Almaty, Kazakhstan

Automative Manufacturing Plant

TURNKEY ELECTRICAL CONTRACTOR

36,000

M² AREA

17,8 MVA

INSTALLED POWER

2019-2020

PERIOD

SELECTED FLAGSHIP PROJECTS

Proven delivery across advanced manufacturing, energy and complex infrastructure

SABİHA GÖKÇEN AIRPORT Terminal 1

Istanbul, Türkiye

Transportation Infrastructure

INTEGRATED ELECTRICAL&ELECTRONIC SYSTEMS

30,000	4,8 MVA	2025-2027
M² AREA	INSTALLED POWER	PERIOD

SELECTED FLAGSHIP PROJECTS

Proven delivery across advanced manufacturing, energy and complex infrastructure

KÜMAŞ MANYEZİT Renewable Energy (Solar) Project

Sivas, Türkiye

Utility Scale Solar

EPC CONTRACTOR

615,000
M² AREA

51,5 mWp
INSTALLED POWER

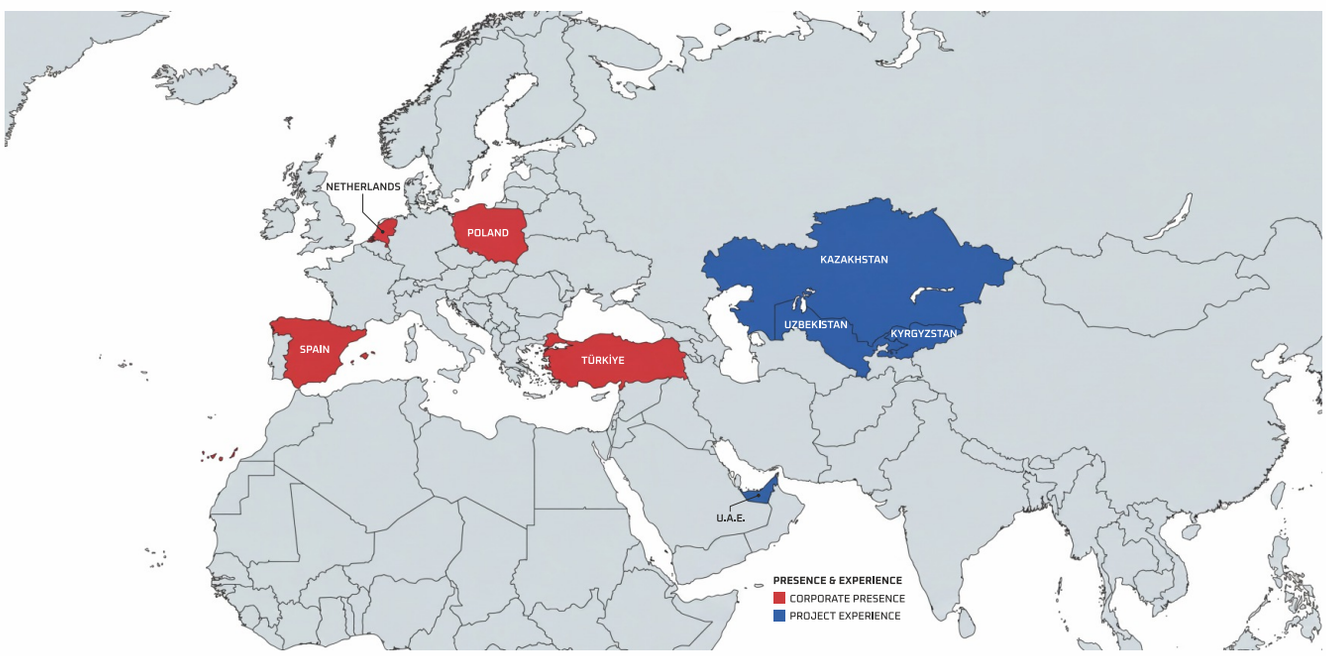
2025-2027
PERIOD

INTERNATIONAL DELIVERY EXPERIENCE

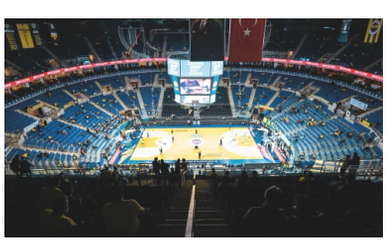
Technical execution across different markets, project environments and local supply chains.

Arenes' international experience extends beyond its current European corporate platform. The Group's project portfolio includes work undertaken across Türkiye, Kazakhstan, Kyrgyzstan and the Middle East, spanning industrial manufacturing, corporate and commercial facilities, complex buildings and specialised electrical systems.

This experience has strengthened Arenes' ability to coordinate local suppliers and subcontractors, manage international project interfaces and adapt delivery systems to project-specific requirements. The Group's European platform builds on this execution history to support a more structured approach to international EPC and EPCF development.



ULKER FENERBAHCE SPORTS ARENA



Türkiye
Turnkey Electrical Contractor

67,000 m² | 6 MVA

ALMALY HOLDING & MC DONALDS

Kazakhstan
Turnkey Electrical / Mechanical Contractor

4,000 m² | 2 MVA

KYRGYZSTAN NATIONAL SECURITY BUILDING

Kyrgyzstan
Turnkey Electrical / Mechanical Contractor

45,000 m² | 15 MVA

SELECTED PROJECT EXPERIENCE

Evidence across industrial, energy and complex infrastructure environments.

TAMEK SALIHLI FOOD FACTORY

Türkiye
Turnkey Electrical / Mechanical Contractor

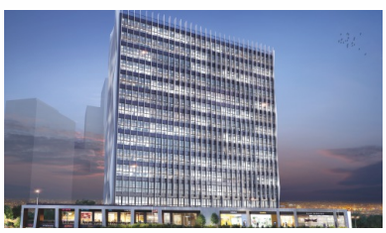
25,000 m² | 12 MVA

BAYER HQ TURKIYE

Türkiye
Turnkey Electrical Contractor

11,500 m² | 1,6 MVA

EN PLAZA



Türkiye
Turnkey Electrical - Mechanical Contractor

22,000 m² | 3.2 MVA

EKOL TULIP LOGISTICS BASE

Türkiye
Turnkey Electrical Contractor

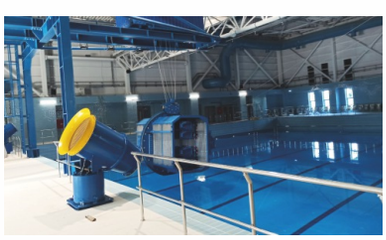
180,000 m² | 7.5 MVA

DOGADAN TEA FACTORY

Türkiye
Turnkey Electrical Contractor

10,000 m² | 1,6 MVA

METEKSAN DEFENSE INDUSTRY



Türkiye
Turnkey Electrical Contractor

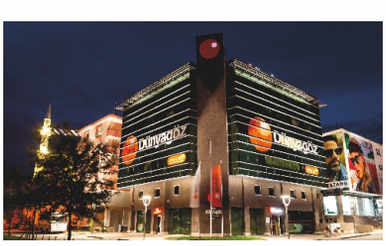
5,000 m² | 1 MVA

HENKEL CHEMICAL INDUSTRIAL PLANT

Türkiye
Turnkey Electrical Contractor

4,000 m² | 1.6 MVA

DÜNYA GÖZ EYE HOSPITAL



Türkiye
Turnkey Electrical Contractor

2,450 m² | 1 MVA

DUBAI PALM JUMEIRAH VILLA - 6

Dubai / UAE
Turnkey Electrical/BMS Contractor

1,000 m² | 0.4 MVA

arenes®

ENGINEERING STRENGTH.
INTEGRATED DELIVERY.
INTERNATIONAL REACH.

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Poland
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