



# **Introducing IPEC**

IPEC Group (Industrial Project Engineering, Consulting & Construction) has been providing Global service with engineering, erection and commissioning phases in many industrial projects leading sector in area of business.

**IPEC Group** offers a full range of technical and project management skills, from design through procurement, construction, commissioning and start-up to assist worldwide clients in developing new facilities, as well as effectively applying new technologies to upgrade and expand existing ones.

The integrated structure within the **IPEC Group** allows client access to its worldwide resources, providing flexibility and skills to execute demanding and complex projects.



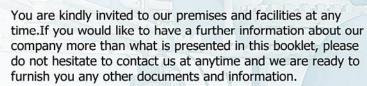
# Industrial Project Engineering Consulting and Construction Company



#### IPEC Group have specialized in 4 core areas :

Pipeline Systems Chemical Process Industry Petroleum & Petrochemical Industry Power Plant

With our dynamic organization along with project management experience and logistic avaiblity, IPEC is constructing plants on turnkey basis by giving successful services in all disciplines as General Contractor.



We would like to kindly remind you the availability of IPEC capacity and capability to your esteemed company for your existing and prospective projects.

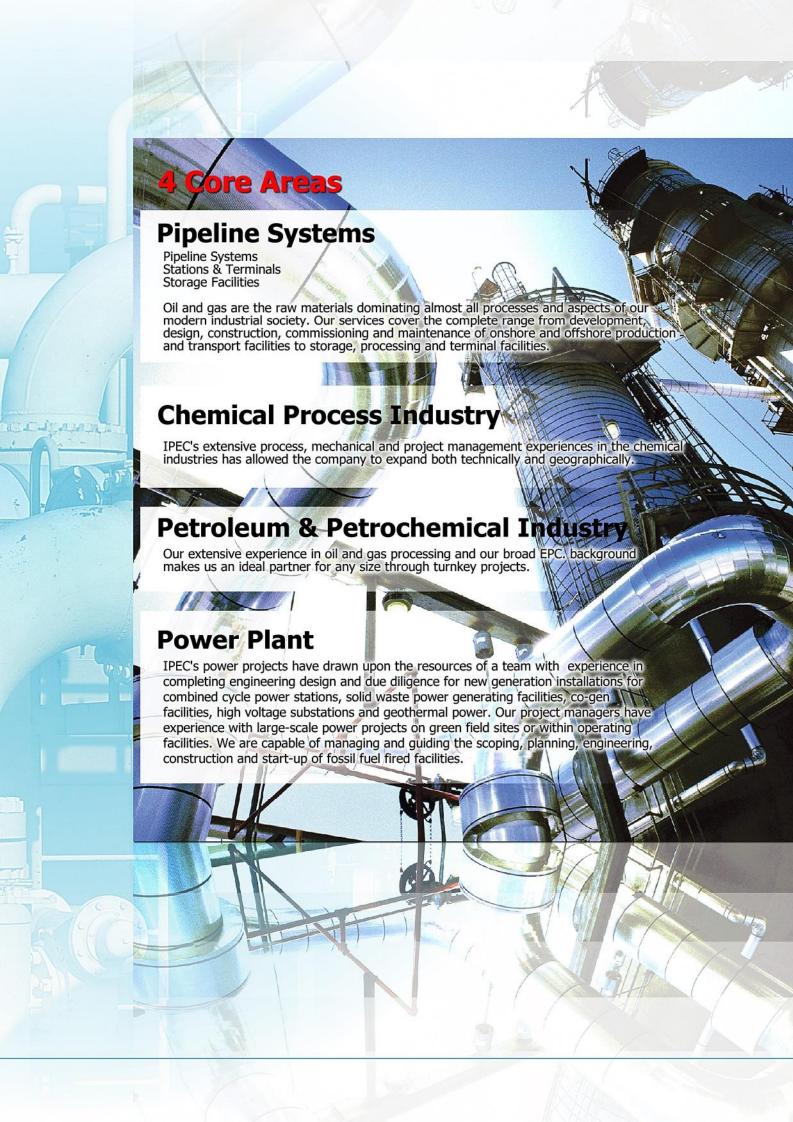


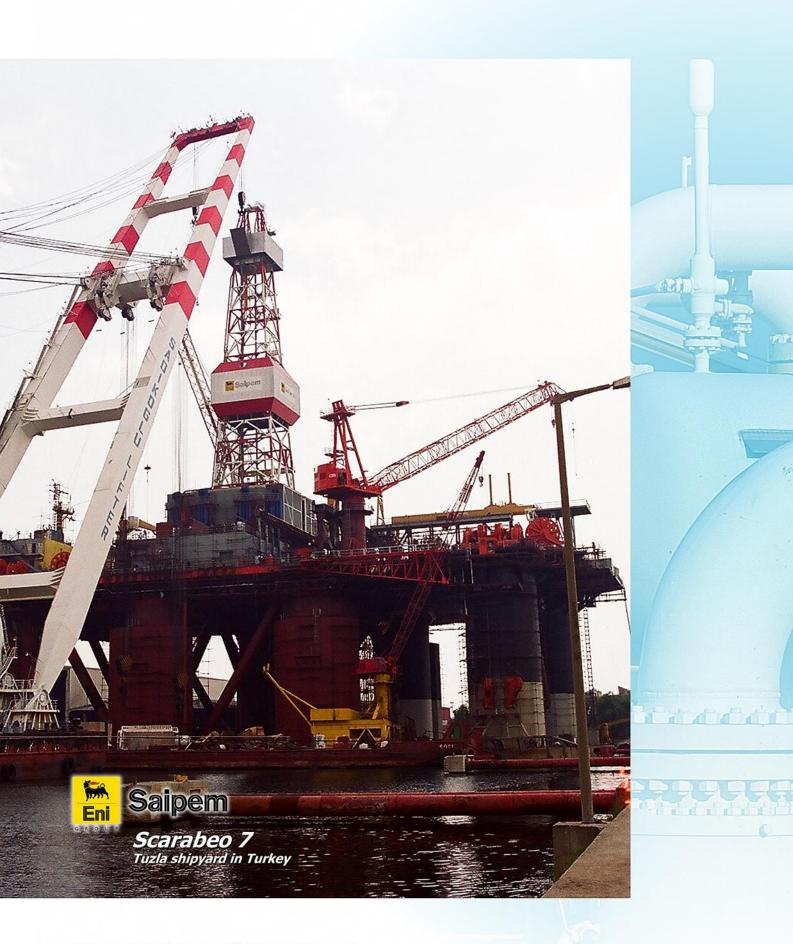
- Basic and Detail Engineering services for complate industrial
- Project Management
- Construction Management
- · Process Piping design , preparation of of piping isometric and settlement plans, stress analysis, design calculations and piping supports, equipment design
- Pipe fabrication and assembly , pipe spool manufacturing and field installation of pipe
- · Manufacturing and installation of equipment, process equipment manufacturing and field erection
- Procurement
- Commissioning
- · Site management, supervision, production and installation management.

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- · Preparation of as-built projects.
- · Maintenance.







**Innovation and Excellence** 

#### Services

**Engineering** 

Engineering, Procurement & Construction (EPC) Front End Engineering Designs (FEED)

#### **Procurement**

Global Procurement Services Inspection Services
Logistics Optimization & Management
Materials Management
Procurement Management Subcontracts Services Supply Chain Management

Construction & Design / Build Commissioning and Start-up Services Construction Management Major Construction
Module and Pipe Fabrication
Segmented Construction (Mechanical, E/I)
Small and Mid-Capital Construction

#### **Advanced Technology Services**

Consulting services for process selection and delivery Chooising the best process solution depend upon customer

Integration of transfered technology to the project Design and Analysis of equipment for best performance to match process needs

Project & Program Management Construction Management Job Order Contracting Process and Industrial Services Project Oversight Risk Management Cost Studies & Financial Analysis Pre-feasibility Services

### **Operations & Maintenance**

Facilities Management Services Special Facility Services









## our vision

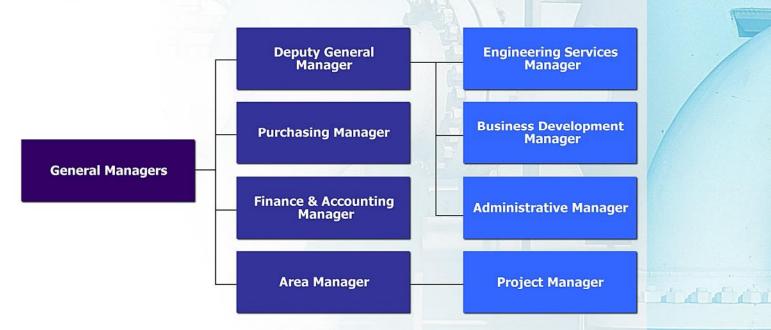
is to be the preferred process engineering company worldwide with no limited engineering abilities.

## management philosophy

IPEC Group's management philosophy defines our relationships with our customers.

We are committed to a partnership / teaming approach, and focus on our customers' best interests. We encourage innovative concepts that distribute responsibility and decision making to the working level.

## organisation scheme



# Specialist EPC Project Execution and Services adopts and adheres to the IPEC Group Health, Safety, Environmental and Quality Standards.

#### Quality

Our cornerstone to achieving client satisfaction

IPEC Group's Quality Management systems and procedures have been designed, developed and implemented to meet the International Standard ISO 9001:2008. The IPEC Group has been certified to **ISO 9001:2008** by IQNET Register Quality Assurance Network. The corporate quality management system provides the management and operations teams with comprehensive documented procedures for every aspect of Contract Services.

IPEC Group considers satisfying clients' requirements and achieving project objectives as an essential quality issue. A commitment to quality is expected from all employees and the 'Think Quality' philosophy is encouraged in all aspects of our operations.

#### Health, Safety and Environment

Maintaining the well-being of employees and the environment

The IPEC Group's HSE policy and HSE Protection Management System have been designed, developed and implemented to meet the international HSE Standards **OHSAS 18001:2007** and **ISO 14001:2004**. The IPEC Group has been certified by IQNET Register Quality Assurance Network to the international standards. Ongoing HSE training programmes and incentive schemes, which encourage participation of all employees, ensure the continued effectiveness of our Protection Management System.



IPEC commits to provide quality and innovative services to all our clients





- Extensive experience as a specialist EPC contractor
- Experienced project management teams
- Single-point responsibility
- Flexible and solution-driven
- Understanding clients' needs and expectations
- Interfacing with client operations and PMT as one team
- Value engineering/design optimisation
- Constructability, quality and safety
- Fast-track projects to schedule
- Proven teaming experience
- Available resources and facilities
- Locally and internationally
- Experienced in provision of services
- Defining workscope
- Execution of complex projects

projects and services contractor so important?

Industry across all sectors throughout the world continues to grow in order to service rapidly growing economies. IPEC Group is ideally placed to support this growth.

Utilising our experienced, multidisciplinary, multicultural and successful partnering strategies, IPEC Group can provide single-point responsibility for execution of special EPC projects. The dedicated and flexible project task-force team and engineering office locations are tailored to the needs of the project and our client.

Our project approach is validated by our track record of successful specialist EPC projects throughout the world.

## **Industrial Model: EPC**

## Engineering Procurement Construction

At IPEC we consider EPC contracting strategies as a single company that handle all responsibility in a project. In EPC model, contractor is able to control all the activities starting with engineering practices in office, proceeding with procurement and manufacturing in the shop, and finally construction, commissioning and start-up at the site. Benefits of EPC contracting bring the speed of progress and flexibility during entire project, to both customer and contractor. IPEC has constructed a reliable and strong EPC Industrial Model in area of business as a Worldwide solution partner, since it's first establishment.

"Single-point responsibility "

IPEC Group will work to engineer, build and maintain more productive and sustainable plant facilities for our clients

Integral parts of EPC Contract:

- Project Management
- Engineering and Design
- Procurement
- Construction
- Commissioning and Start-up Training and Transfer of Technology

**IPEC Group** manages key procurement functions and strengths essential for sourcing the correct equipment in the most cost-effective way, with delivery on time, encompassing the following areas;

- Equipment and material purchasing
- Material and services subcontracting
- Qualification and selection
- Quotation and negotiation
- Expediting and quality assurance Transportation and logistics
- Construction site procurement services

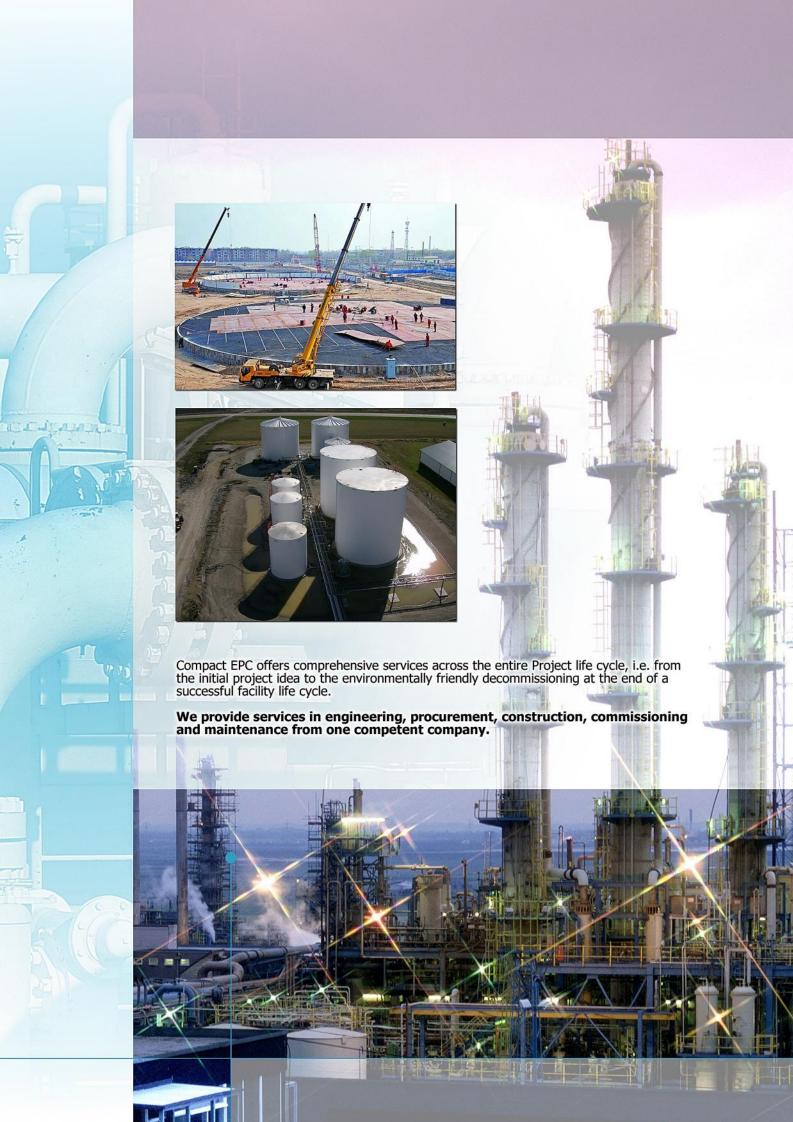
IPEC Group has the ability to manage and execute multi- discipline construction services for projects, undertaking;

- Construction management
- Site management
- Field engineering Construction of multi-discipline services
- Site procurement, material control and logistics
- QA/QC and HSE
- Commissioning, start-up and performance test
- Training

" IPEC is committed to providing quality and innovative services to all our clients "



**IPEC Group EPC MODEL** Contract Award International **Plant Location** Project Management, Quality Programme, HSE Programe, Constructability Programme, Interface Programe and Project Controls Work Scope & Basic Engineering Verification Basic Engineering Completion Long Lead Equipment Procurement **Detailed Engineering and Design** Mechanical Completion **Balance of Procurement - Equipment and Subcontracting** Provisional Acceptance Establishment of Site Facilities Construction Start-Up Planning Comms/Start-Up **Pre-Commissioning** Operations and Maintenance **Performance Testing** IPEC Group will work to engineer, build and maintain more productive and sustainable plant facilities for our clients Transin Andrews Innovation and Excellence



## **Our Registration**

IPEC Duns Number: 502661061

What is DUNS Number? (Dun & Bradstreet Database)

**United Nations** 



The Data Universal Numbering System, abbreviated as DUNS or D-U-N-S, is a system developed and regulated by Dun & Bradstreet (D&B), that assigns a unique numeric identifier, referred to as a "DUNS number" to a single business entity. It was introduced in 1963 to support D&B's credit reporting practice. It is a common standard worldwide. DUNS users include the European Commission, the United Nations and the United States Government. More than 50 global, industry, and trade associations recognize, recommend, or require DUNS. The DUNS database contains over 100 million entries for businesses throughout the world.

IPEC Cage Code: T5241

What is CAGE Code? (Commercial and Government Entity)

The Commercial And Government Entity Code, or CAGE Code, is a unique identifier assigned to suppliers to various government or defense agencies, as well as to government agencies themselves and also various organizations. CAGE codes provide a standardized method of identifying a given facility at a specific location.

IPEC is registered to CCR.

What is CCR ? (Central Contractors Registration)

The Central Contractor Registration (CCR) is the primary supplier database for the **U.S. Federal Government**. The CCR collects data from suppliers, validates and stores this data, and disseminates it to various government acquisition agencies.

Defense Federal Acquisition Regulation Supplement (DFARS), Subpart 204.7300, required contractors to register in the CCR to conduct business with the Department of Defense. A new Federal Acquisition Regulation (FAR) policy, published October 1, 2003 (Circular 2003-016, FAR case 2002-018), requires that all federal contractors register in the CCR database prior to award of any contract or purchase agreement.

#### **Business Registration**



IPEC registered in TURKEY as a private limited company and have official registration in United Nations, United States , European Union , Iraq, Syria, Kuwait, Qatar, Nigeria, Libya, Yemen as a EPC contractor.





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### **Partners**

PM Piping is a market leader partner in the supply of steel, pipes and piping materials to projects worldwide pmpiping.com



CAC

is a engineering services and technologie know-how provider partner inturnkey chemical plant construction. cac-chem.de



CHEMSTRESS

is an accomplished, multi-disciplined, technical service company provider partner a complete range of services chemstress.com



IMET

is a Multi-Media Modular Treatment Systems (MMTS) provider partner

imet.net



" Leaders in the execution of specialist EPC projects and services worldwide "



## **Milestones**

- 1.1988 Company Founded: M. Coşkun ÜNAL Establishes the company
- **2.1989 First contract** was signed with JGC (Japan) , Kırıkkale TUPRAS Rafinery Hydrocracking Unit
- **3.1992 First EPC contract** was signed with SET Group (France), Cement Facility
- 4.1992 First Maintenance contract , Kırıkkale TUPRAS Rafinery
- 5.1993 First International contract Malaysia Cement Facility
- 6.1994 First As-Built Project was signed with Mobil-Shell , Atas Rafinery
- **7.1996 First Expanding the Capacity Project** Philip Morris (USA) İzmir Marlboro Facility
- **8.1998 First Off Shore Project** was signed with Saipem/Eni Group , Scarabeo 7 Petroleum Drilling Platform
- **9.2001 Firts Complate Project Works**, Boric Acid Plant, About 3200 A0 Drawings
- 10. 2002 ISO 9001 Quality Management System approved
- 11. 2004 First International PowerPlant contract , Iraq / Kirkuk
- 12. 2006 First Complate Dismantling and Reerection Project , Sugar Plant From Benavente/Spain and Reerection in Aksaray/Turkey
- 13. 2007 First International Pipeline Project, 200 km, Kuwait
- 14. 2009 First Bottom Loading Tank Project , was signed with TOTAL , Project modelling and Revision
- **15. 2010 First FRP EPC Contract,** DeSOx Project , Desulfruzation Tail Gas Scrubbing Unit , Turkey

## **Our clients**

IPEC Group offers to provide a variety of services to a range of clients which demand customer oriented and project based EPC solutions.

We are specialists following the right path which facilitate and extend opportunities that will help expand our client's business to the further steps. IPEC Group will easily address client's specific needs with an professional frame of view and as an intensively experienced Engineering services provider.

We have experience working with:

#### **Energy Companies**

- · Upstream oil and gas producers and
- Pipeline owners, operators and developersGas fired power station owners, operators and
- Coal seam methane producers
- General energy infrastructure owners, operators and developers

#### Government

- Federal Government Departments
- State Government DepartmentsGovernment Authorities and agencies
- Energy and infrastructure regulators

#### **Industry Financial Sector**

- Financial institutions
- Legal advisors and companies
- Investment advisers
- Industry associations
- Project economic analysts

#### **Construction Groups**

- Oil, gas, water, and slurry constructors
- Infrastructure constructors
- Oil field gathering and process facilities constructors
- General energy infrastructure constructors

#### **Project Developers**

- Oil, Gas, Water, and Slurry pipeline project developers
- Infrastructure Investors
- Non-Government Agencies

#### **Mining Companies**

- Slurry pipeline project companies
- Mine Developers
- Mine Development Investors

#### Some of our Clients

























## references

	Client	Job	Contractor	
1991	TÜPRAŞ (TR)	Tupras Kirikkale (TR) Refinery Lead Free Gasoline Unit Detail Engineering	JGC (JP)	
1991	EREĞLİ DEMİR ÇELİK (TR)	Eregli (TR) Iron Steel Plant Turning Shaft Main and Cracking Un Detail Engineering	nit	
1992	SÖKE ÇİMENTO (TR)	Soke (TR) Cement Plant Auxillary Units EPC	SET Group (FR)	
1992	TÜPRAŞ (TR)	Kirikkale (TR) Refinery All Units Maintenance and Repair EPC	<b>Tüpras</b>	
1993	PETLAS (TR)	Kirsehir (TR) Plant Sec. 03, 06, 11, 53, 83 Units EPC	petlas	
1993	EREĞLİ DEMİR ÇELİK (TR)	Eregli (TR) Iron Steel Plant Head Offices HVAC Detail Engineering		
1993	MALESIA ÇİMENTO (MY)	Malaysia Cement Plant All Units Detail Engineering	HUMBOLDT WEDAG (D)	4
1993	TÜPRAŞ (TR)	Tupras Kirikkale (TR) Refinery Social Club Heating and Ventilation EPC	<b>Tüpras</b>	
1993	SİVAS DEMİR ÇELİK (TR)	Sivas (TR) Iron Steel Plant Main Heat Terminal and HVAC Detail Engineering		
1993	EREĞLİ DEMİR ÇELİK (TR)	Eregli (TR) Iron Steel Plant Gas Recovery Unit EPC	WALKER Engineering (UK)	
1994	ATAŞ RAFİNERİSİ (TR)	ATAS Mersin (TR) Refinery Maintenance and Repair EPC	BP-MOBIL-SHELL (TR) Mobil Shell	
1994	AKSA (TR)	Yalova (TR) Plants Plant Expansion Detail Engineering		
1994	ATAŞ RAFİNERİSİ (TR)	ATAS Mersin (TR) Refinery All Units As-Built	BP-MOBIL-SHELL (TR) Mobil Shell	
1994	ATAŞ RAFİNERİSİ (TR)	ATAS Mersin (TR) Refinery New Turbo Compressor EPC	BP-MOBIL-SHELL (TR) bp Mobil Shell	
1994	EREĞLİ DEMİR ÇELİK (TR)	Eregli (TR) Iron Steel Plant Gas Recovery Unit, Gas Holder Unit EPC	: WALKER Engineering (UK)	
1995	ÜNYE ÇİMENTO (TR)	Unye (TR) Cement Plant Coal Grinding and Sifting Units Detail Engineering		

		Client	Job	Contractor	
	1995	TÜPRAŞ (TR)	Tupras Kirikkale (TR) Refinery Flare Stack Piping EPC		<b>Tüpras</b>
	1995	SAĞRA ÇİKOLATA (TR)	Sagra Ordu (TR) Chocolate Plant All Units As-Built	BAYINDIR Holding (TR)	
1995		ŞİŞECAM (TR)	Mersin (TR) Soda Plant Plant Expansion Detail Engineering	TÜSTAŞ (TR)	
1995 1995 1995	1995	ATAŞ RAFİNERİSİ (TR)	ATAS Mersin (TR) Refinery Steel Structures EPC	BP-MOBIL-SHELL (TR)	Mobil Shell
	1995	JORDAN GOVERNMENT (JO)	Jordan Posphate Plant All Units EPC	HUMBOLDT WEDAG (DE)	
	1995	SHELL (UK)	Diyarbakir (TR) Kastel Region Block Station Storage Tanks, Piping and Steel Structures EPC	SHELL (UK) FERNAZ (TR)	Shell
1996 1996 1996 1996	1996	TÜPRAŞ (TR)	Tupras Kirikkale (TR) Refinery Isomerization Unit EPC	SOFRESID (FR)	
	1996	COCA-COLA (TR)	Coca-Cola Ankara (TR) Plant Plant Expansion As-Built	PROKON (TR)	Coca Cola
	1996	TEK (TR)	TEK Orhaneli (TR) Thermoelectric Power Plant Gas Recovery Unit Detail Engineering	KRC NOELL (DE)	
	1996	PHILSA (TR)	Philip Morris Izmir (TR) Plant Plant Expansion Detail Engineering	PROKON (TR)	
1999 1999 1997	1997	İSDEMİR (TR)	Isdemir Iskenderun (TR) Iron Steel Plant All Units Piping Detail Engineering		
	1999	ENI GROUP/SAIPEM (IT)	Scarabeo-7 Off-Shore Drilling Platform (TR) Platform Piping and Steel Structures EPC	TUZLA SHIPYARDS AŞ (TR)	<b>Saipem</b>
	1999	AK ENERJİ (TR)	Bilecik (TR) Autoproducer Power Plant All Units Detail Engineering		
	2000	AKSA (TR)	Yalova (TR) Plants All Units, Storage Tanks and Piping Revision and Repair EPC		
	2001	PETKİM (TR)	Petkim Aliaga (TR) Complex Ethylene Unit EPC		Petkim Petkim
	2000	ETİ HOLDİNG (TR)	Emet (TR) Boric Acid Plant All Units Detail Engineering		

	Client	Job	Contractor	
2001	OPET (TR)	Mersin (TR) Storage Facilities 5000 m3 (6 Units) Storage Tanks EPC		<b>⊅</b> pet
2001	BOTAŞ (TR)	Erzincan-Sivas (TR) Gas Pipeline Line Valves and Pig Stations EPC	ALARKO (TR)	BOTAS
2002	BOTAŞ (TR)	Biga (TR) 16" and 21", 32 km Natural Gas Pipeline Piping and Type A Pressure Reducing Station EPC		BOTAŞ
2002	BOTAŞ (TR)	BTC Crude Oil Pipeline (TR) Pump Stations and Buildings and Workshops HVAC Detail Engineering	ILF (DE)	
2003	BOTAŞ (TR)	Nigde-Eregli-Aksaray (TR) 16" Natural Gas Pipeline Piping Detail Engineering and As-Built	ERKO (TR)	
2004	TÜPRAŞ (TR)	Tupras Kirikkale (TR) Refinery Piping and Pump Stations Detail Engineering		<b>Tüpras</b>
2004	AGIPGAS BV (LY)	Wafa Coastal Plant Natural Gas Threatment and Compression Units Detail Engineering	GAMA (TR) TECNIMONT (IT)	
2004	BECHTEL (USA)	Kirkuk Taza (IQ) 100 + 240 MW Power Plant All Units QA/QC Management	SIEMENS (DE) BABCOCK (USA)	
2002	ÖZKALE (TR)	Malatya (TR) Lube Oil Recycling Plant All Units Detail Engineering		
2005	MAVİ-YEŞİL (TR)	Kirikkale (TR) Lube Oil Recycling Plant All Units Detail Engineering	WALKER Engineering (UK)	
2002	LAGOS REFINERY (NG)	Lagos (NG) Refinery 24" 70 km Pipeline Detail Engineering, Consultancy	NIGERIAN NATIONAL PETROLEUM CORP. (NG)	
2006	KONYA ŞEKER (TR)	Konya (TR) Plant 280,000 LPD Bio-Ethanol Unit Detail Engineering	PRAJ (IN)	
2006	BALKÜPÜ ŞEKER (TR)	Aksaray (TR) Plant (100,000 Tons/Year) All Units Dismantling, Transport (ES), Erection (TR) EPC	ZUCARERA (ES)	taaaa
2007	ATAŞ RAFİNERİSİ (TR)	ATAS Mersin (TR) Refinery New Turbo Compressor EPC	BP-MOBIL-SHELL (TR)	Mobil Shell
2007	IRAQ GOVERNMENT (IQ)	Erbil (IQ) Refinery All Units 30,000 BPD Consultancy	WALKER Engineering (UK)	
2007	KUWAIT OIL CO. (KW)	Subiyah (KW) Power Station MAA-New Gas Turbine Station 20" Pipeline EPC	WORLEY PARSONS (USA) MRDC (PG) METALEX (TR)	WorleyParsons resources & energy

	Client	Job	'antractor	
2009	AZIZ (SA) MAPA (TR)	Saudi Arabia Water Threatment	Contractor MNG (TR)	MNG
2009	GAMA POWER (TR)	Shatura (RU) Power Plant All Units As-Built		GAMA HOLDING
2010	ETI BAKIR AŞ (TR)	Samsun (TR) Eti Copper Plant Tail Gas Desulphurization Unit EPC		Ĉ CENGIZ
2010	ETI BAKIR AŞ (TR)	Samsun (TR) Eti Copper Plant Electrolysis Unit Electrolyte Circulation Tanks EPC		ê Cengiz
2011	TOTAL AŞ (TR)	Samsun (TR) Loading Terminal New Unloading Platform Detail Engineering		TOTAL
2012	ALESSI Group (YE)	Yemen (YE) RAS ESSA TANK FARM Project Basic & Detail Engineering		ALESSI GROUP
2013	Tecnicas Reunidas (ES)	Volgograd Refinery Heater Units Detail Engineering	ERAN A.Ş. (TR)	TECNICAS REUNIDAS
2013	BECHTEL (US)	Trans-Anatolian Natural Gas Pipeline (TANAP) Pipeline Engineering Project Detail Engineering	ENKA A.Ş. (TR)	BECHIEL
2014	IPARD (EU)	EU-type Rural Development Programme IPARD I & IPARD II implementation Projects Basic & Detail Engineering	T.K.D.K. (TR)	E U R O P E A N COMMISSION
2014	TAQA (UAE)	North Iraq Atrush Block 30,000 boepd Production Facility Projects Material Engineering Procurement Services	ls	TAQA
2016 2015 2014	TMO (TR)	Turkish Grain Board (TMO) New Alkaloid Facility Basic & Detail Engineering Services	PGM (TR)	TMO
	ETI ALUMUNYUM AS (TR)	Eti Alüminyum A.Ş. Seydişehir Integrated Plant , New Calcination Plant Process Piping And Detail Engineering	×	Ĉ ETT ALOMINYUM
	KAYI Holding (TR)	IRAQ Samawa Biturox® Bitumen Processing Units Basic & Detail Engineering Services		<b>KAY</b> 25jur
2017	TUBITAK (TR)	National Hydrogen Electrolyser Development Proje Basic & Detail Engineering Services EPC Services	ect	TÜBİTAK
2019	BOTAS (TR)	Supply of Equipment for Modification of Conventional Starter System of Gas Turbines-Market Survey EU Project Basic & Detail Engineering Services		EUROPEAN BOTAŞ

Supply of Equipment for Using Vortex for Decreasing Pressure at RMS's EU Project

Basic & Detail Engineering Services

BOTAS (TR)

Client Job TUBITAK Marmara Research Center, Pilot Plant and Food Laboratories Process EU Project 2020 KLV (TR) ∕w.KLV Tuz Gölü Underground Natural Gas Storage Project Design pump stations and fresh water and natural gas pipelines stress anlaysis. 2021 YÜKSEL PROJE YUKSEL PROJE (TR)



**English Edition** 





## **Key Contacts**

General Management gm@ipec.com.tr info@ipec.com.tr

Mr. Dogukan UNAL Business Development Manager development@ipec.com.tr dunal@ipec.com.tr

IRAQ Office iraq@ipec.com.tr

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#### **Contacts Info**

#### **Head Offices**

Cetin Emec Bulvari 1314.Cad. 33/1 Ovecler Cankaya Ankara TURKEY

Phone: +90 312 472 16 90
Fax: +90 312 472 16 92
Mail: contact@ipec.com.tr
info@ipec.com.tr
development@ipec.com.tr

### Iraq Office

Babil District-Moh. 99-39 St. House No:14 Baghdad IRAQ

Phone: + 964 7901 303 509 + 964 7702 361 405 Mail: iraq@ipec.com.tr

ipec.com.tr

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For further information, please contact the Business Development Department at : development@ipec.com.tr

If you would like to know more about IPEC, please visit our website at: http://www.ipec.com.tr/