
Tepe Akfen
TAV
Construction

WE BUILD AIRPORTS FOR CITIES

AND CITIES FOR AIRPORTS

Tepe Akfen

TAV

Construction

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ABOUT

TAV Construction is a member of the TAV Group, which was founded in 1997 when two leading Turkish conglomerates, Tepe Group and Akfen Holding teamed up to bid on (and be awarded) the Build, Operate, Transfer (BOT) contract for the new İstanbul Atatürk International Airport. The immediate aim of the company was to pursue the first airport in Turkey to be developed under privatization with the BOT model while the broader vision was to branch out into airport construction, financing, operations and related consulting and management services in the global arena.

Foreseeing the potential in the aviation industry, both in Turkey and globally, the founders of the company established TAV Construction in 2003 with the vision of becoming a leading brand in airport construction. Within a very short time, TAV Construction achived a tremendous growth undertaking an extensive list of projects worth more than 20 Billion US Dollars, rapidly becoming the undisputed leader in the region. This performance of TAV Construction was consistently recognized by the Engineering News Record (ENR), a globally-known publication in the sector, to be ranked consecutively in 2014, 2015 and 2016 as the number 1 in the world for Airport construction.

Designing and building state-of-the-art airports which are both functional and aesthetically pleasing, TAV Construction has distinguished itself with the quality at its work, its expertise in the field and its reliability as a trusted project stakeholder. Using the latest high-tech innovations in the industry, the company is able to complete projects in record time while maintaining the highest standards of quality, health and safety.

Although TAV Construction's main area of expertise is the construction of airports and related facilities, the TAV team has applied this know-how and successfull track record for the delivery of large-scale projects to non-aviation projects as well, boasting its portfolio with iconic buildings that have already become icons of the stunning skylines of the global cities.

TAV Construction's success to become a world-class contractor is the result of its human capital and a corporate culture orientated in dynamism, quick-decision-making and responsiveness. TAV Construction will continue to add new chapters to its success story by continuing to build "Airports for Cities and Cities for Airports."

LEADERSHIP

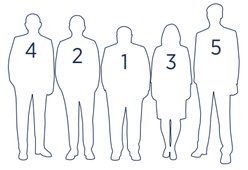
1 **M. Sani Şener**
TAV Group CEO

2 **Ümit Kazak**
Managing Director

3 **A. Feride Armangil Gökalp**
Deputy Managing Director; Tendering, Engineering and Contracts

4 **Cumhur Kaur**
Deputy Managing Director; Saudi Arabia, Bahrain and Africa

5 **François Berisot**
Deputy Managing Director; CFO



OVERVIEW

Completed Projects

Turkey
İstanbul Atatürk International Airport
İzmir Adnan Menderes International Airport
Ankara Esenboğa International Airport
Gazipaşa-Alanya International Airport

Qatar
Passenger Terminal Complex, Hamad International Airport

Saudi Arabia
Madinah Prince Mohammad Bin Abdulaziz International Airport
Terminal 5, Riyadh King Khaled International Airport
Madinah Airport Hotel
Saudi Airlines Catering Building

United Arab Emirates
Emirates Engineering Center Steel Roof
Marina-101 Hotel & Residences
Emirates Financial Towers
Sulafa Tower
Majestic Tower
Towheed Iranian School
Times Square Center Shopping Mall

Egypt
Terminal Building 3, Cairo International Airport

Tunisia
Enfidha-Hammamet International Airport

Macedonia
Skopje International Airport
Ohrid St. Paul the Apostle International Airport

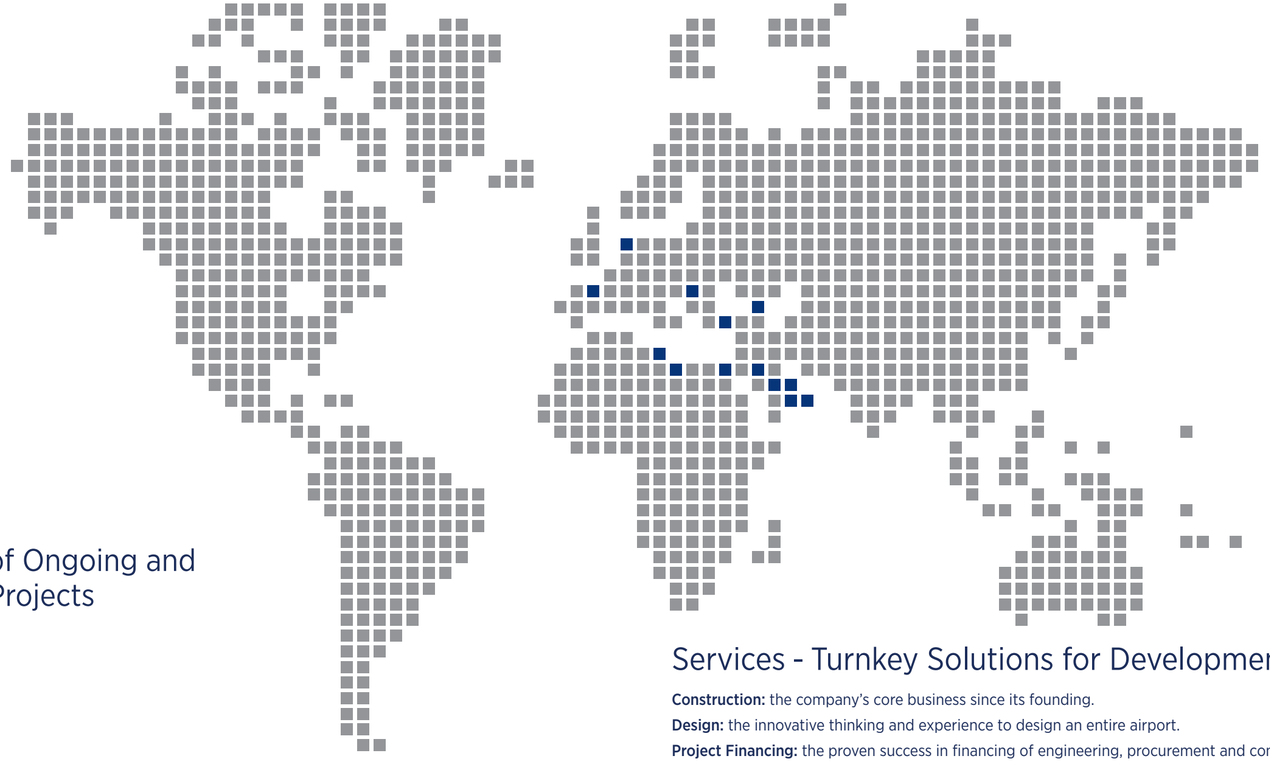
Georgia
Shota Rustaveli Tbilisi International Airport
Batumi International Airport

Total Value of Ongoing and Completed Projects
$20 billion*

*as of 31.05.2018

2014 ENR TOP 250 TAV CONSTRUCTION AIRPORTS #1
2015 ENR TOP 250 TAV CONSTRUCTION AIRPORTS #1
2016 ENR TOP 250 TAV CONSTRUCTION AIRPORTS #1

The World's No. 1 Airport Contractor



Ongoing Projects

Turkey
Emaar Square İstanbul

Oman
Main Contract 1, Airside & Landside Infrastructure Works, Muscat International Airport

Saudi Arabia
SAEI Aircraft Maintenance Hangars, Jeddah King Abdulaziz International Airport

United Arab Emirates
Midfield Terminal Building, Abu Dhabi International Airport
Damac Towers by Paramount
The Address Residences Dubai Opera
Il Primo

Bahrain
Airport Modernization Program Main Works, Bahrain International Airport

Netherlands
New Pier A, Amsterdam Airport Schiphol

France
Aéroports de Paris Headquarters

Services - Turnkey Solutions for Development of Major Airports

Construction: the company's core business since its founding.

Design: the innovative thinking and experience to design an entire airport.

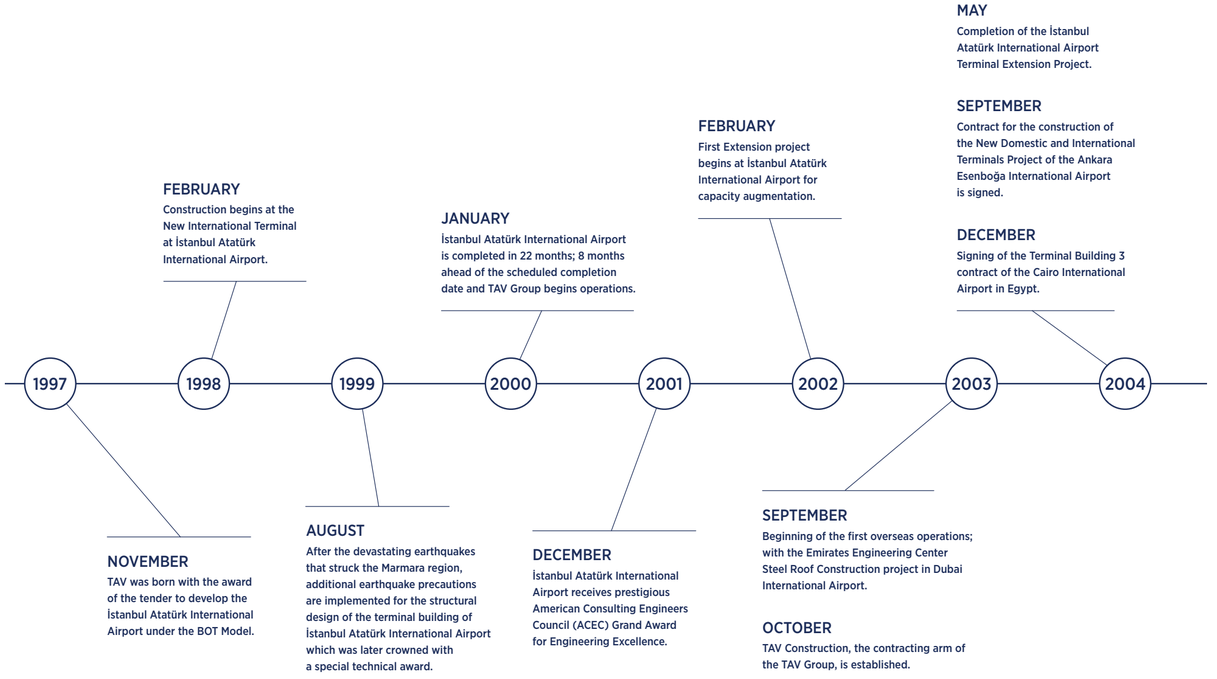
Project Financing: the proven success in financing of engineering, procurement and construction (EPC) agreements.

Procurement: the practice targeted to bring most favorable total cost of ownership/operation, either for simple or complex procurement works of a project, concentrating on finding long term partners and suppliers.

Project Management: the highest level of skills and knowledge for phasing, construction methodologies, safety, value engineering and analysis, cost control, estimation and total project scheduling.

Building Information Modeling: the comprehensive BIM solutions delivering business value at every step from planning to facilities management and operations.

MILESTONES



NOVEMBER
TAV was born with the award of the tender to develop the İstanbul Atatürk International Airport under the BOT Model.

FEBRUARY
Construction begins at the New International Terminal at İstanbul Atatürk International Airport.

AUGUST
After the devastating earthquakes that struck the Marmara region, additional earthquake precautions are implemented for the structural design of the terminal building of İstanbul Atatürk International Airport which was later crowned with a special technical award.

JANUARY
İstanbul Atatürk International Airport is completed in 22 months; 8 months ahead of the scheduled completion date and TAV Group begins operations.

DECEMBER
İstanbul Atatürk International Airport receives prestigious American Consulting Engineers Council (ACEC) Grand Award for Engineering Excellence.

FEBRUARY
First Extension project begins at İstanbul Atatürk International Airport for capacity augmentation.

SEPTEMBER
Beginning of the first overseas operations; with the Emirates Engineering Center Steel Roof Construction project in Dubai International Airport.

OCTOBER
TAV Construction, the contracting arm of the TAV Group, is established.

MAY
Completion of the İstanbul Atatürk International Airport Terminal Extension Project.

SEPTEMBER
Contract for the construction of the New Domestic and International Terminals Project of the Ankara Esenboğa International Airport is signed.

DECEMBER
Signing of the Terminal Building 3 contract of the Cairo International Airport in Egypt.

2005

MARCH
Construction of the Towheed Iranian School and Times Square Center Shopping Mall in Dubai begin.

MAY
Contract for the New International Terminal Building at İzmir Adnan Menderes Airport, the hub of the Aegean Coast, is signed.

JULY
Construction begins at the 52-storey Majestic Tower in Sharjah, UAE.

SEPTEMBER
Contract is signed for the construction of the Shota Rustaveli Tbilisi and Batumi International Airports in Georgia.

Commencement of work on Shota Rustaveli Tbilisi International Airport.

NOVEMBER
Completion of the Emirates Engineering Center Steel Roof Construction Project.

DECEMBER
Refurbishment works start at İstanbul Atatürk International Airport.

2006

MARCH
Letter of Award received for the Phase 1 works at the Hamad International Airport in Qatar, comprising the Main Terminal Building and Concourses A and B.

MAY
Work begins on the Batumi International Airport.

SEPTEMBER
New İzmir Adnan Menderes International Airport is completed.

OCTOBER
Inauguration of the New Domestic and International Terminal at Ankara Esenboğa International Airport which coincided with the 73rd National Day of the Republic of Turkey.

NOVEMBER
Construction of the Sulafa Tower in Dubai begins.

DECEMBER
Completion of the Towheed Iranian School.

Refurbishment works are completed at İstanbul Atatürk International Airport.

2007

FEBRUARY
Completion of the Shota Rustaveli Tbilisi International Airport.

MARCH
Times Square Center Shopping Mall is completed.

APRIL
Construction of the DIFC-Emirates Financial Towers in Dubai begins.

MAY
Award of Phase 2 of the Hamad International Airport, known as Concourse C.

Batumi International Airport project is completed.

JUNE
Work begins at Enfidha-Hammamet International Airport in Tunisia.

SEPTEMBER
TAV wins the tender for the construction of the New Passenger Terminal Buildings at Tripoli International Airport in Libya.

2008

MARCH
Signing of the contract for the construction of the Marina-101 Hotel and Residences project in Dubai.

JUNE
Receipt of the Letter of Award for the construction of New Sebha International Airport in Libya.

AUGUST
Award of the construction contract for the Gazipaşa-Alanya International Airport.

SEPTEMBER
Tri-generation project starts at İstanbul Atatürk International Airport.

NOVEMBER
Extension Works at İstanbul Atatürk Airport International and Domestic Terminals begins.

DECEMBER
Terminal Building 3 of the Cairo International Airport is completed.

2009

JUNE
Completion of the Majestic Tower.

JULY
TAV receives the award for the Main Contract 1 for Development of the Muscat International Airport.

Gazipaşa-Alanya International Airport is completed.

NOVEMBER
Enfidha-Hammamet International Airport is completed.

2010

FEBRUARY
Completion of the Extension Works at İstanbul Atatürk International Airport.

MARCH
Work begins at Skopje International Airport in Macedonia.

Commencement of the renovation works at Ohrid St. Paul the Apostle International Airport in Macedonia.

DECEMBER
Sulafa Tower is completed.

2011

MARCH
Ohrid St. Paul the Apostle International Airport is completed.

JUNE
Completion of the Emirates Financial Towers project.

NOVEMBER
Skopje International Airport is completed.

2012

JUNE
The TCA Joint Venture led by TAV Construction receives the award for the Midfield Terminal Building of Abu Dhabi International Airport.

Contract for the expansion of the Prince Mohammad Bin Abdulaziz International Airport in Madinah is signed.

Construction of the New Domestic Terminal Building at İzmir Adnan Menderes International Airport begins.

APRIL
TAV wins the tender to design and build the Saudi Arabia Airlines Aircraft Maintenance, Repair and Overhaul (MRO) facility at the King Abdulaziz International Airport in Jeddah.

DECEMBER
TAV Construction is ranked among the Top 5 Airport Contractors; first step towards its journey to become the No.1 airport contractor in the World.

2013

FEBRUARY
Signing of the Design and Build Terminal 5 project at the King Khaled International Airport in Riyadh.

SEPTEMBER
Award of the Damac Towers by Paramount Hotels and Resorts in Dubai Business Bay.

NOVEMBER
Construction of the Emaar Square in İstanbul begins.

DECEMBER
TAV Construction ranks 2nd globally for airport projects on the ENR Top 250 International Contractors list.

2014

JANUARY
Prince Mohammad Bin Abdulaziz International Airport receives the U.S. Green Buildings Council™'s (USGBC) LEED® green building program Gold level certification.

FEBRUARY
Completion of the Prince Mohammad Bin Abdulaziz International Airport.

TAV wins the tender to design and build Aéroport De Paris Headquarters in Roissy, Paris.

MAY
Hamad International Airport Passenger Terminal Complex receives the MEED's 2015 Quality Awards for Projects as the GCC Transport Project of the year.

APRIL
Hamad International Airport welcomes its first passengers.

New Domestic Terminal Building of İzmir Adnan Menderes International Airport is completed.

SEPTEMBER
Works at the Saudi Airlines Catering Building at Prince Mohammad Bin Abdulaziz International Airport begin.

DECEMBER
Construction of the New Airport Hotel begins at Prince Mohammad Bin Abdulaziz International Airport.

International Terminal Extension works at İstanbul Atatürk International Airport begin.

TAV Construction ranks No.1 airport contractor on the ENR Top 250 International Contractors list.

2015

JULY
Prince Mohammad Bin Abdulaziz International Airport receives the ENR's 2015 Global Best Projects Award in the airports/ports category.

OCTOBER
Runway and Taxiways Rehabilitation works project starts at Shota Rustaveli Tbilisi International Airport.

DECEMBER
Completion of the Saudi Airlines Catering Building at Prince Mohammad Bin Abdulaziz International Airport.

TAV Construction is ranked No.1 airport contractor once again on the ENR Top 250 International Contractors list.

2016

MARCH
Aéroports de Paris is inaugurated with TAV Group affiliate moving to their new headquarters building.

APRIL
Emaar Square Mall opens to visitors.

MAY
Terminal 5 project at the King Khaled International Airport receives the MEED's 2017 Quality Awards for Projects as the transport project of the year.

JANUARY
İzmir Adnan Menderes International Airport New Domestic Terminal Building is LEED® certified to the Silver level by the U.S. Green Buildings Council.

TAV wins the tender to build the New Terminal Building project at Bahrain International Airport.

APRIL
Work begins at Bahrain International Airport.

2017

JULY
New Passenger Terminal Building at Shota Rustaveli Tbilisi International Airport welcomes its first passengers.

AUGUST
King Khaled International Airport Terminal 5 receives the Award of Merit in the airports category at ENR's 2017 Global Best Projects Awards.

NOVEMBER
TAV Construction wins the tender to build the Address Residences Dubai Opera and Il Primo projects in Dubai, one of the largest contracts awarded ever by Emaar Properties.

MAY
Terminal 5 project at King Khaled International Airport is completed.

Prince Mohammad Bin Abdulaziz International Airport receives the MEED's 2016 Quality Awards for Projects as the airport project of the year.

International Terminal Extension opens to passengers at İstanbul Atatürk International Airport.

JUNE
Completion of the Airport Hotel at Prince Mohammad Bin Abdulaziz International Airport.

2018

APRIL
Letter of Award received for the construction of the New Pier A at the Amsterdam Airport Schiphol.

JULY
Shota Rustaveli Tbilisi International Airport Runway and Taxiways Rehabilitation Works are completed.

Construction begins on the New Passenger Terminal Building at Shota Rustaveli Tbilisi International Airport.

DECEMBER
TAV Construction ranks again for the third year in a row as the No.1 airport contractor on the ENR Top 250 International Contractors list.

AIRPORT PROJECTS

TURKEY

İstanbul Atatürk International Airport

İzmir Adnan Menderes International Airport

Ankara Esenboğa International Airport

Gazipaşa-Alanya International Airport

UNITED ARAB EMIRATES

Midfield Terminal Building, Abu Dhabi International Airport

Emirates Engineering Center Steel Roof, Dubai International Airport

QATAR

Passenger Terminal Complex, Hamad International Airport

SAUDI ARABIA

Madinah Prince Mohammad Bin Abdulaziz International Airport

SAEI Aircraft Maintenance Hangars, Jeddah King Abdulaziz International Airport

Terminal 5, Riyadh King Khaled International Airport

BAHRAIN

Airport Modernization Program Main Works, Bahrain International Airport

OMAN

Main Contract 1, Airside and Landside Infrastructure Works, Muscat International Airport

NETHERLANDS

New Pier A, Amsterdam Airport Schiphol

TUNISIA

Enfidha-Hammamet International Airport

EGYPT

Terminal Building 3, Cairo International Airport

MACEDONIA

Skopje International Airport

Ohrid St. Paul the Apostle International Airport

GEORGIA

Shota Rustaveli Tbilisi International Airport

Batumi International Airport

Atatürk International Airport

İstanbul, Turkey

New International Terminal Building and Multi-Storey Car Park
February, 1998 - January, 2000

Extension of the International Terminal Building
February, 2002 - May, 2004

Refurbishment of the Domestic Terminal Building
May, 2006 - December, 2006

International/Domestic Terminals Extension, Renovation and Tri-generation Plant
September, 2008 - March, 2012

Extension of the International Terminal Building
February, 2014 - October, 2016

Atatürk International Airport is the primary airport serving İstanbul and the hub of Turkish Airlines; thus, it is the largest airport in Turkey by number of passengers. It served 64 million passengers in 2017, making it the 5th busiest airport in Europe and among the top 15 in the World.

The project is the first practice of the BOT (Build-Operate-Transfer) model turning out to be a huge leap forward for the Turkish aviation industry. The Terminal Building and Car Park projects were completed in 22 months, 8 months ahead of the contractual completion scheduled by the Turkish State Airports Authority.

Built on three levels, the simple and coherent layout of the terminal and the linear arrangement of its piers aim to provide passengers with well defined, straightforward routes of progression between land-side and air-side. The efficiency of passenger circulation is further enhanced by the vertical separation of departing and arriving passengers.

In 2013, Air Transport News named Atatürk International Airport “Airport of the Year” and it was also named “10th Best Airport in the World” in the category of airports serving more than 50 million passengers per year by Skytrax 2014.

Client: Turkish State Airports Authority (DHMI)

388,000 m²

Terminal Building

12,000,000 m² / Apron Area
180,000 m² / Multi-Storey Car Park (7,000 vehicles)
392 units / Check-in Counters (CUTE)
46 units / Passenger Boarding Bridges
193 units / Elevators, Escalators, Travelators
11 units / Baggage Claim Carousels
25,000 baggages per hour / Baggage Handling System Capacity


Kapılar Gates 501-504
Kapılar Gates 222-226
Kapı Gate 221


G
G1-16

Hamad International Airport

Doha, Qatar

Main Terminal Building and Concourses A-B-C, Vertical Circulation Node, and the Elevated Roadway
March, 2006 - February, 2014

MEED QUALITY AWARDS FOR PROJECTS 2015
TRANSPORT PROJECT OF THE YEAR

Hamad International Airport is Qatar Airways' new hub, a world-class facility that redefined the terminal buildings of today. With its striking architecture, high-end finishes and advanced technology, this state-of-the-art airport is a masterpiece, the perfect blend of innovation and beauty. TAV Construction, in a joint venture with the Japanese Taisei Corporation, won this tender to build Phase 1 of this magnificent structure in 2006. Following the successful performance of the Joint Venture, Phase 2 and additional expansion works were awarded to the joint venture, quadrupling the area under its scope, with works up to 505,000 square meters and the contract value reaching up to 4.4 Billion US Dollars.

The Passenger Terminal Complex is the largest contract package of the 15 Billion US Dollars greenfield airport development, 70% of which is built on reclaimed land. The undulating roof, inspired by the rising and swelling waves of the Arabian Gulf, is the most eye-catching feature of the design. Steel arches with a span of 150 meters carry this massive roof cladded in stainless steel and in total, the project called for the installation of 80,000 tons of structural steel. The terminal building also hosts a light-rail transport system operating between the concourses.

In 2015, Hamad International Airport won the MEED Quality Awards for Projects as the "GCC Transport Project of the Year" for adhering to the highest quality standards in project development and also for the socio-economic contributions, which will have a far-reaching impact on the future success of Qatar.

Client: Government of the State of Qatar represented by the Steering Committee, New Doha International Airport
Architect: Hellmuth, Obata & Kassabaum Inc. (HOK)
Project and Construction Manager: Overseas Bechtel, Incorporated

505,000 m^2

Terminal Building and Concourses

30,000,000 passengers per year / Terminal Design Capacity
280,000 m^3 / Concrete Works
80,000 tons / Structural Steel Works
160 units / Check-in Counters
70 units / Passenger Boarding Bridges
260 units / Elevators, Escalators, Travelators
11 units / Baggage Claim Carousels
19,200 baggages per hour / Baggage Handling System Capacity


6

Midfield Terminal Building

Abu Dhabi, UAE

Expansion of the Abu Dhabi International Airport
August, 2012 – June, 2019

Abu Dhabi International Airport's Midfield Terminal Complex is an important component of the Abu Dhabi 2030 Vision, which aims to ensure the sustainable growth of Abu Dhabi as a business and tourism center. At the center of this vision lies the growth of Etihad Airways and the Abu Dhabi Airports Company or ADAC, which has become one of the most important brands in airport management.

The Midfield Terminal is set to become another landmark of the Emirate, and one of the most architecturally impressive structures in the region. With its 700,000 square meters of built-up area, not only that it will become the largest terminal in the region under a single roof; but also with the cutting-edge technology deployed it will set an example for airports of tomorrow.

The contract value of the project, the largest construction project ever awarded in the United Arab Emirates, is 3.3 Billion US Dollars. The project is scheduled to be completed in June 2019 by the main contractor joint venture TAV, Consolidated Contractors Company (CCC) and Arabtec Construction or TCA JV, led by TAV Construction.

Enabling Works package, called the Pile Caps and Associated Works, was also carried out by the TAV-CCC Joint Venture between January 2011 and February 2012.

Client: Abu Dhabi Airports Company (ADAC)
Architect: Kohn Pedersen Fox (KPF)
Construction Manager: AECOM

702,000 m^2

Terminal Building

30,000,000 passengers per year / Terminal Design Capacity
550,000 m^3 / Concrete Works
84,000 tons / Structural Steel Works
156 units / Check-in Counters
106 units / Passenger Boarding Bridges
337 units / Elevators, Escalators, Travelators
10 units / Baggage Claim Carousels
19,200 baggages per hour / Baggage Handling System Capacity

Muscat International Airport

Muscat, Oman

Main Contract 1, Airside and Landside Infrastructure Works
August, 2009 – February, 2018

Development of the Muscat International Airport or DMIA is considered to be among the most comprehensive airport projects in the region. It is a multi-phased project that calls for a new passenger terminal building, a new runway, taxiway and apron system, an air traffic control tower and a cargo terminal building.

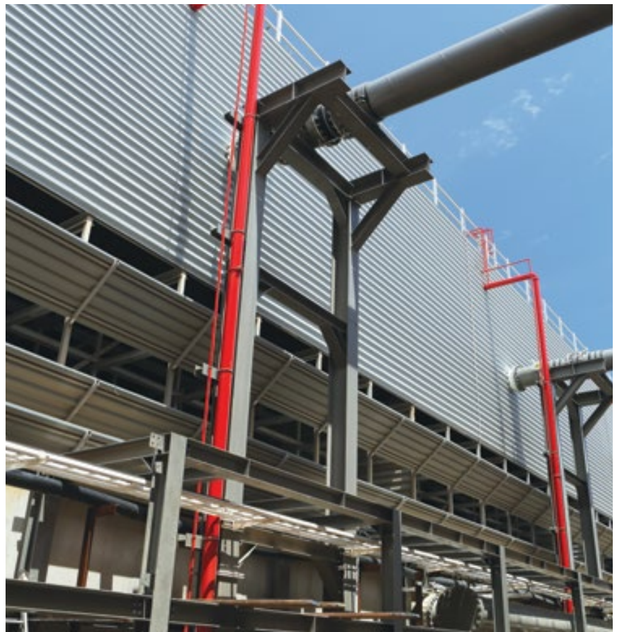
TAV, in a joint venture with Consolidated Contractors Company, won the Main Contract 1 tender in 2009. With a contract value of 1.2 Billion US Dollars, the scope of works included the construction of a 4,300 meters long new Northern Runway and connecting apron and taxiways, renovation of the existing runway, landside airport connection as well as approach roads and interchanges, energy transmission lines displacement, construction of main heating-cooling centers, fuel hydrant lines and hydrant pit systems, auxiliary buildings, landscape and drainage works. In order to provide power for the entire airport, two power stations with a total capacity of 317 mega volt-amperes were also built.

Works encompass a massive amount of earth movement totaling more than 34 million cubic meters. Total amount of asphalt used for the airfield and roads is more than 1.4 million tons, whereas the amount of concrete works on site is 800,000 cubic meters.

Client: Ministry of Transport and Communications, DGSAS
Engineer: Hill International
Architect: COWI-Larsen JV
Project Management Consultant: Aéroports de Paris Ingénierie (ADPI)

580,000 m^2 / New Runway Construction Area
1,275,000 m^2 / Taxiway Construction Area
373,000 m^2 / Apron Construction Area
24,000 m^2 / Utility Building Area
16,500,000 m^3 / Total Excavation Volume
18,450,000 m^3 / Total Backfill Volume

828,000 m^3 / Concrete Works
1,472,000 tons / Asphalt Works
1,550,000 m / Piping Works
317 MVA / Total Power Set-up
120 MV / Chiller Plants Total Capacity
500 m^3/second / Rain Water Drainage Capacity
29,710 m^3 / Fuel Farm Capacity



Amsterdam Airport Schiphol

Amsterdam, Netherlands

Construction of the New Pier A
April, 2018 – April, 2020

Amsterdam Airport Schiphol is the main international airport of the Netherlands and the hub of Royal Dutch Airlines (KLM). Located 9 kilometres southwest of Amsterdam, 63.7 million passengers were served at Schiphol in 2017, making it the third busiest airport in Europe after London-Heathrow and Paris-Charles de Gaulle. In order to address future capacity requirements with the projected increase in the traffic volume and to strengthen its leading position further as a global hub, Royal Schiphol Group, the state-owned operator embarked on a multi-phased development program called the Schiphol Capital Programme. One of the primary components of this expansion program is the New Pier A which will eventually be connected to the next phase, the new 100,000 square meters Terminal Building which will be built by 2023.

The project consists of a 3-storey terminal with one floor dedicated to Schengen State departures and arrivals and two floors for non-Schengen traffic. Pioneering the industry for diversification of operational revenues with one of the first concept retail complex integrated to a major airport, called the Schiphol Plaza, the Schiphol Group have as well planned in this Pier various retail spaces, leisure offerings to facilitate passenger journey and comfort. On the airside the new 56,000 square meters Pier A will increment capacity by adding 8 new Boarding Gates: 5 for narrow-body aircraft on the northern side, and 3 for wide-body aircraft on the southern end.

The new Pier A will be connected to the new iconic terminal building that will increase capacity by at least 14 million when it is opened. Seeing off competition from Europe's leading contracting firms, TAV Construction, together with its local joint venture partner, Ballast Nedam won the tender to build the Pier A in March 2018. This project is particularly a major achievement and a strategic move for TAV Construction as its first major airport project in Europe. TAV, as one of the most experienced in the World for working in operational airport will deliver this project in 24 months.

Client: Schiphol Nederland B.V. (SNBV)
Architect: AECOM
Engineer: MACE – ARCADIS Joint Venture

56,000 m²

Pier Building

55,000 m² / Airside Pavement Works
5,500 tons / Structural Steel Works
11 units / Passenger Boarding Bridges
78 units / Elevators, Escalators, Travelators


A18


A16
A12
A12


A13
A18
A18

Bahrain International Airport

Muharraq, Bahrain

Airport Modernization Program Main Works
April, 2016 - June, 2020

The Airport Modernization Program is a comprehensive development plan designed to cater to future aviation needs and build upon aviation-based economic development with the vision to establish Bahrain as a leading tourism and business hub. The project which will significantly elevate the service level and upgrade technological infrastructure, is destined to become a symbol of the Kingdom's progressive society as the modern gateway to the World.

Main component of the Airport Modernization Program, the 1.1 Billion US Dollars contract, the largest project won ever by a Turkish contractor in Bahrain, covers the construction of a state-of-the-art new passenger terminal building, airside and landside works, a central utility complex and 3,500 vehicle capacity multi-storey car park. TAV Construction along with its joint venture partner Arabtec will complete the works in 51 months.

Boasting a built-up area of 220,000 square meters, the new iconic terminal will increase the current yearly capacity from 4 million to 13.5 million passengers. The terminal design is centered upon efficiency of operations, simplicity and ease of passenger circulation. The new terminal building targets LEED Gold® with environment friendly measures throughout the design-construction-operations life-cycle.

Client: Ministry of Transportation and Telecommunications
Client Representative: Bahrain Airport Company (BAC)
Project Manager: Hill International
Design Consultant: Aéroports de Paris Ingénierie (ADPI)

220,000 m²

Terminal Building

13,500,000 passengers per year / Terminal Design Capacity
111,000 m² / Multi-Storey Car Park (3,500 vehicles)
102,000 m² / Airside Pavement Works
8,900 m² / Central Utility Complex
25 units / Passenger Boarding Bridges
142 units / Elevators, Escalators, Travelators
7,200 baggages per hour / Baggage Handling System Capacity


Gates 109 - 110 بوابات

Prince Mohammad Bin Abdulaziz International Airport

Madinah, Saudi Arabia

New Terminal Building and Airside Infrastructure Works
July, 2012 - February, 2015

Developed through the Public-Private Partnership (PPP) model, Prince Mohammad Bin Abdulaziz International Airport is the first airport privatization in Saudi Arabia, the pioneering public-private enterprise collaboration in the Gulf Region's aviation industry.

Serving as the main entry point for visitors to the Kaaba and those arriving on pilgrimage to the two Holy Cities of the Islamic World the airport project was designed and constructed by the main contractor joint venture TAV Construction and Al Arrab Contracting Company or MAJV with an investment value of 1.2 Billion US Dollars. Successful implementation of public-private partnership led TAV to be selected also to develop and operate Kingdom's Yanbu, Qassim and Hail International airports in partnership with Al Rajhi Holding Group in 2017.

Prince Mohammad Bin Abdulaziz International Airport achieved to become the first airport to be awarded LEED® Gold certification by U.S. Green Buildings Council® (USGBC) in the MENA region. Having received the ENR's Global Best Projects Awards in 2015 as the best project in the airports/ports category, the airport also won the "GCC Transport Project of the Year" Award in MEED's 2016 Quality Awards for Projects.

Client: General Authority of Civil Aviation (GACA)
Engineer: Halcrow Group Limited
Design Developer: Scott Brownrigg (GMW Architects)

157,000 m²

Terminal Building and Concourses

8,000,000 passengers per year / Terminal Design Capacity
269,000 m² / Apron Area
97,000 m² / Car Park Area (2,000 vehicles)
10,162,500 m³ / Total Excavation Volume
2,577,000 m³ / Total Backfill Volume
126,000 m³ / Concrete Works
17,000 tons / Structural Steel Works
1,500,000 m² / Runway, Taxiway, Land/Air Side Pavement Works
32 units / Passenger Boarding Bridges
93 units / Elevators, Escalators, Travelators
7 units / Baggage Claim Carousels
2,200 baggages per hour / Baggage Handling System Capacity

SAEI
Aircraft Maintenance Hangars

Jeddah, Saudi Arabia

Aircraft Maintenance, Repair and Overhaul (MRO) Facility
October, 2012 - May, 2020

Located at the King Abdulaziz International Airport in Jeddah, Saudia Aerospace Engineering Industries (SAEI) Aircraft Maintenance Hangars is set of to become the largest Maintenance, Repair and Overhaul facilities in the region.

TAV Construction, in a joint venture with Al Arrab Contracting Company and HLG won the tender to design and build the facility in 2012. The facility consists of 11 hangars including heavy maintenance and line maintenance hangars, wash and paint hangars, component and support shops, a supply chain center, administrative offices, miscellaneous support buildings, multi-storey and surface car parks, a mosque, aircraft parking aprons and a taxi lane.

The project is of great significance in terms of the expansion works of King Abdulaziz International Airport, the busiest airport in Saudi Arabia and it is designed to meet operational needs for the next 20 years and its design will allow phased construction to accommodate future capacity expansion requirements.

Client: Saudia Aerospace Engineering Industries (SAEI)
Project Manager: Dar Al Handasah (Shair & Partners)
Design Consultant: Ghafari

722,000 m²

MRO Built-up Area

11 units / Hangars
7 units / Maintenance Buildings
646,000 m^3 / Earthworks
330,000 m^3 / Concrete Works
19,000 tons / Structural Steel Works
279,000 m^2 / Roof Cladding
266,000 m^2 / Asphalt Pavement Works
211,000 m^2 / Apron Concrete Pavement Works

Enfidha - Hammamet International Airport

Enfidha, Tunisia

New Terminal, Aprons, Runways, Taxiways, ATC Tower and Car Park
June, 2007 - December, 2009

A greenfield project situated approximately 80 kilometers south of the capital city Tunis; Enfidha-Hammamet International Airport is an architectural wonder, boasting the latest technology and first class facilities and services, both for passengers and the airlines.

The terminal has been designed as a square diamond, the point of which is directed towards the landing strips. The 90,000 square meters terminal building is covered with a light roof in the shape of giant wings.

The airport has been financed, designed, built and is being operated by TAV for a period of 40 years. A picture of the airport was reproduced on the Tunisian 50 Dinar banknote, which shows the success and prestige that the company has achieved in Tunisia.

Client: Tunisian Airport Authority (OACA)
Concept Design: Aéroports de Paris Ingénierie (ADPI)
Consultants: APAVE

90,000 m²

Terminal Building

7,000,000	passengers per year / Terminal Design Capacity
1,140,000	m² / Runway, Taxiway, Apron Area
90,000	m² / Car Park Area (1,150 vehicles)
126,000	m² / Building Construction Site Area
7,000,000	m³ / Excavation Volume
7,000,000	m³ / Backfill Volume
700,000	tons / Asphalt Works
90	m / ATC Tower Height
62	units / Check-in Counters
18	units / Passenger Boarding Bridges
28	units / Elevators, Escalators
8	units / Baggage Claim Carousels
4,500	baggages per hour / Baggage Handling System Capacity

Adnan Menderes International Airport

İzmir, Turkey

International Terminal Building and Car Park
May, 2005 - September, 2006

New Domestic Terminal Building and Multi-Storey Car Park
January, 2012 - April, 2014

Adnan Menderes International Airport is the gateway to the Aegean coast, supporting the overall economic development of the wider region. The International Terminal was opened in September 2006 and the New Domestic Terminal, the largest in Turkey, was inaugurated in April 2014.

The airport offers a unique experience to passengers both functionally and aesthetically with sharp and contemporary lines, indoor gardens and pools, large yet plain internal areas. Its design simplifies passenger circulation and provides a single consolidated building for operation.

Having received the ACI Eco-Innovation Award in 2010 for its international terminal, Adnan Menderes Airport's New Domestic Terminal has also been awarded the distinguished LEED® Silver certification by U.S. Green Buildings Council® (USGBC) in 2015 and achieved to become the first LEED certified Terminal Building in Turkey. The New Domestic Terminal is built up to 67% recycling and 32% reuse amounts from the previous terminal. The technologies being employed such as heat pumps, rainwater harvesting and grey water reuse systems, solar collectors and the tri-generation plant are minimizing energy and water consumption as well as providing efficient waste management.

Client: Turkish State Airports Authority (DHMI)

311,000 m²

Terminal Building

35,000,000 passengers per year / Terminal Design Capacity
305,500 m² / Apron Area
151,500 m² / Multi-Storey Car Park (4,750 vehicles)
143 units / Check-in Counters (CUTE)
18 units / Passenger Boarding Bridges
174 units / Elevators, Escalators, Travelators
11 units / Baggage Claim Carousels
11,400 baggages per hour / Baggage Handling System Capacity


239
235-238
121-124

Cairo International Airport

Cairo, Egypt

Terminal Building 3

December, 2004 - March, 2009

As the first major airport project of TAV Construction overseas, Terminal Building 3 (TB3) doubled the capacity of the Cairo International Airport making it one of the largest airports in Africa.

Terminal Building 3 comprises a main building with two symmetrical concourses or “wings” and totals 200,000 square meters in floor area with the ancillary services. The structures are unified with each other as well as with the existing Terminal 2 via skywalk bridges.

Terminal Building 3 is twice as large as the other two terminal buildings combined, with the capacity to handle 11 million passengers annually (6m international and 5m domestic), establishing Cairo International Airport as a major hub between Africa, the Middle East and Europe.

Client: Cairo Airport Company
Architect: ECG – NACO
Design Consultant: GMW Mimarlık
Engineer: Dar Al Handasah (Shair & Partners)

211,000 m^2

Terminal Building

11,000,000 passengers per year / Terminal Design Capacity

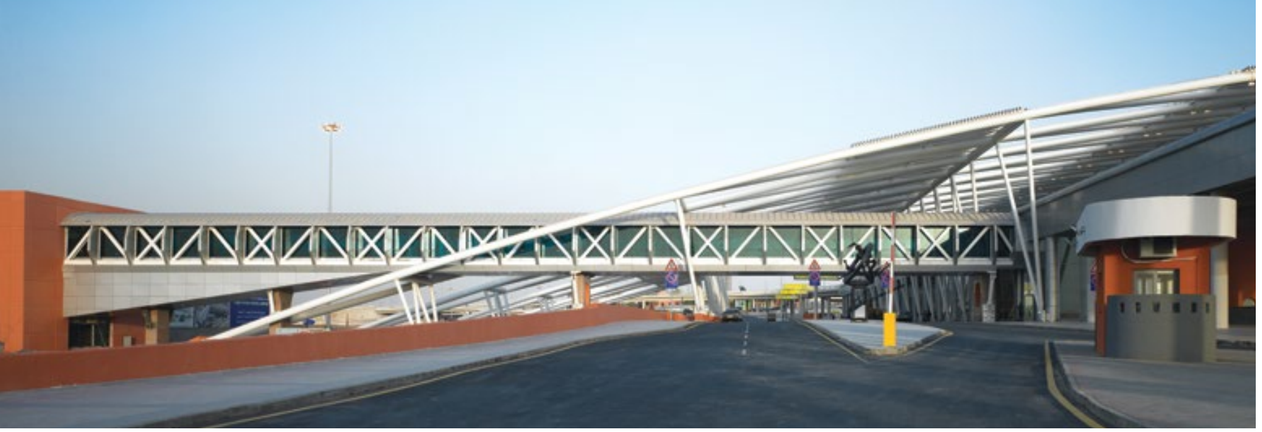
550,000 m^2 / Apron and Taxiway Area

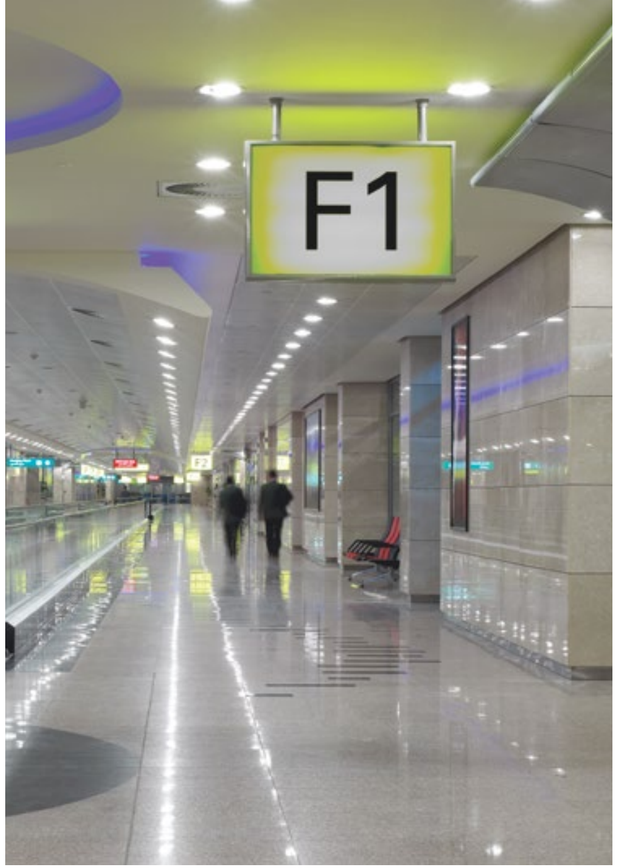
23 units / Passenger Boarding Bridges

164 units / Elevators, Escalators, Travelators

7 units / Baggage Claim Carousels

4,800 baggages per hour / Baggage Handling System Capacity

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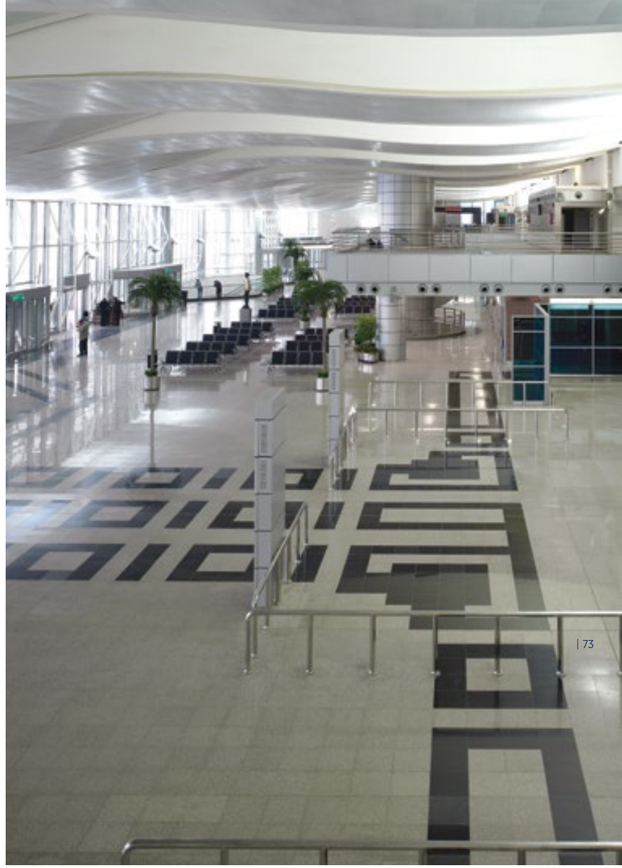


King Khaled International Airport

Riyadh, Saudi Arabia

Terminal 5 (T5) and Related Facilities
July, 2013 - December, 2016

2017 AWARD OF MERIT AIRPORT/PORT

TRANSPORT PROJECT OF THE YEAR

King Khaled International Airport's Terminal 5 is part of the ambitious airport expansion plan to increase the airport's yearly capacity from the current 12 million passengers to 40 million by 2038.

In collaboration with Al Arrab Contracting Company, TAV undertook the design and construction of the 104,500 square meters passenger terminal and various auxiliary facilities. The project also comprised a 140,000 square meters and 3,000 vehicle capacity multi-storey car park; Airport Operations Center building, Aerodome Rescue and Firefighting, supply building, Airside Gate building, apron, roads, viaducts and infrastructure works that connect Terminal 5 to the existing terminals.

Design of the terminal aims to provide a modular, flexible and expandable framework with enhanced passenger comfort and operational efficiency. On the other hand, the terminal building also addresses special local requirements, local climatic factors and provide for energy efficient operation.

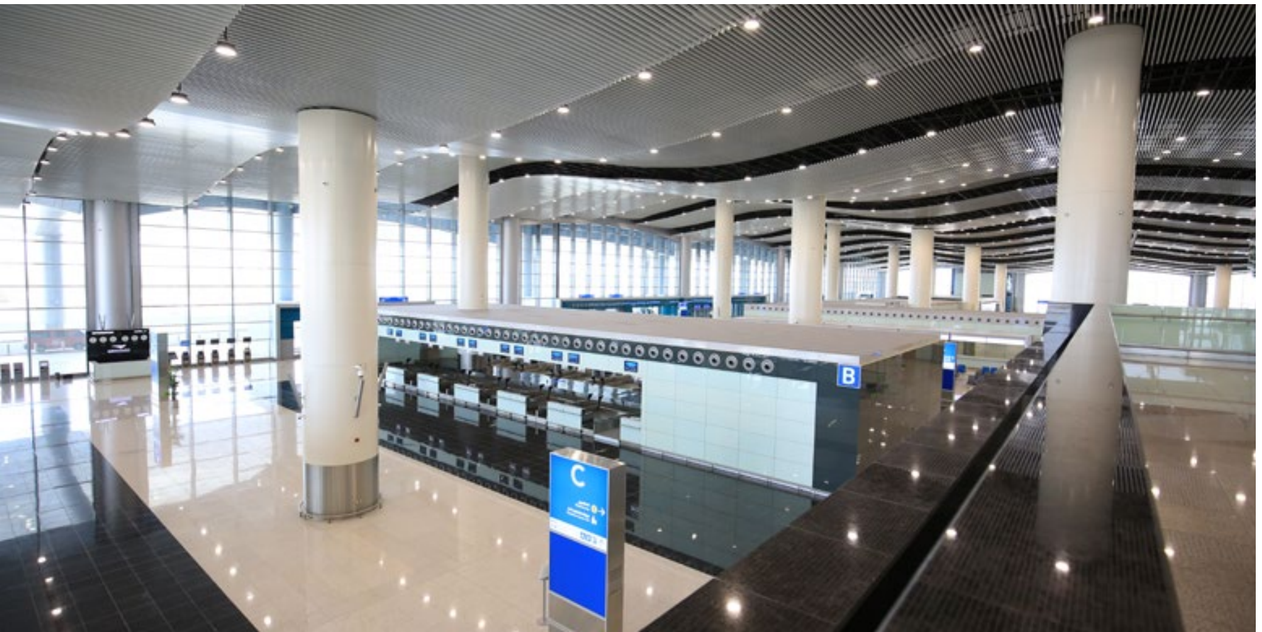
In 2017, Terminal 5 was selected "GCC Transport Project of the Year" by MEED in Quality Awards for Projects. The terminal also won the Award of Merit in the airports category at ENR's 2017 Global Best Projects Awards.

Client: General Authority of Civil Aviation (GACA)
Project Manager: Saudi Consult
Design Consultant: GMW Mimarlık

104,500 m^2

Terminal Building

12,000,000	passengers per year / Terminal Design Capacity
69,000	m^2 / Apron Area
140,000	m^2 / Multi-Storey Car Park (3,000 vehicles)
165,000	m^3 / Concrete Works
12,100	tons / Structural Steel Works
350,000	m^2 / Runway, Taxiway, Land/Air Side Pavement Works
60	units / Check-in Counters
17	units / Passenger Boarding Bridges
58	units / Elevators, Escalators, Travelators
5	units / Baggage Claim Carousels
3,600	baggages per hour / Baggage Handling System Capacity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Esenboğa International Airport

Ankara, Turkey

International and Domestic Terminals, Multi-Storey Car Park
September, 2004 - October, 2006

Esenboğa International Airport is a strategically important airport serving as the gateway of the capital, the seat of diplomacy of the country. Besides being the entrance gate, it is also the only airport in Turkey to bring domestic and international operations together under a single roof.

The project, developed under the BOT model, was completed within a record time, a year earlier than the committed completion time. One of the main characteristics of the architectural design is that the terminal is illuminated with natural light throughout the day. Esenboğa International Airport features a distinctive wave-like roof, emblematic of the dynamism of the nation's capital, exploding economic and physical growth.

In 2009, Esenboğa International Airport was selected "Best Airport in Europe" by ACI Europe in the 5–10 million passengers capacity category. It was the first time that an ACI award was given to an airport in Turkey. The judges singled it out for its consideration in the area of environmental innovation, that have secured a remarkable 25% energy savings stemming from its recycling of exhaust gases to power its air conditioning plants. Esenboğa International Airport also won the "Best Airport" award at Skalite in 2014.

Client: Turkish State Airports Authority (DHMI)

182,000 m²

Terminal Building

10,000,000 passengers per year / Terminal Design Capacity
253,000 m² / Apron Area
108,000 m² / Multi-Storey Car Park (4,000 vehicles)
104 units / Check-in Counters (CUTE)
18 units / Passenger Boarding Bridges
79 units / Elevators, Escalators, Travelators
9 units / Baggage Claim Carousels
8,000 baggages per hour / Baggage Handling System Capacity


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Skopje International Airport

Skopje, Macedonia

Terminal Building and Associated Works
March, 2010 - November, 2011

Skopje International Airport is the largest airport in the Republic of Macedonia and the first endeavor of TAV Construction in mainland Europe.

The project comprised the construction of a new 44,000 square meters terminal building with 6 passenger boarding bridges. In order to increase the capacity of the airport; the runway, apron and taxiway areas were upgraded in line with the capacity enchancement of the terminal building.

Completely designed and planned by the TAV design team, Skopje International Airport was completed within the relatively short time span of 20 months and is able to handle 4.3 million passengers per year.

Client: Ministry of Transportation, Republic of Macedonia
Consultant: Hristovi Engineering Ltd., Republic of Macedonia
Architect: GMW Mimarlık

44,000 m²

Terminal Building

4,300,000 passengers per year / Terminal Design Capacity
30,000 m² / Apron Area
42,630 m² / Car Park Area (1,200 Vehicles)
9,000 m² / Runway Extension
23 units / Check-in Counters
6 units / Passenger Boarding Bridges
2 units / Baggage Claim Carousels

Shota Rustaveli Tbilisi International Airport

Tbilisi, Georgia

New International and Domestic Terminals, Car Park and Airport Facilities
January, 2006 - January, 2007

Rehabilitation of the Runway and Taxiways
October, 2015 - July, 2016

New Arrival Terminal Building and Terminal Refurbishment
July, 2016 – September 2017

Shota Rustaveli Tbilisi International Airport, Georgia's gateway serving as a bridge between continents was a brick laid by TAV Group for its expansion into the international arena in the years to come.

TAV Construction carried out design works from the master-planning stage and completed the construction works in less than a year. In order to increase the capacity of the airport; the runway, and taxiway areas were also upgraded and a new arrival terminal was developed by TAV Construction and inaugurated in September 2017. Integrated with the existing terminal building and the new complex is expected to increase the airport's terminal capacity to 4 million passengers annually.

Filled with all the important amenities and services needed by today's travelers, Shota Rustaveli Tbilisi International Airport has put Georgia on the map. Skillfully serving passengers traveling in and out of Georgia, the airport was selected "Best Airport of Eastern Europe" by Skytrax World Airport Awards in 2014.

Client: Joint Stock Company Shota Rustaveli Tbilisi International Airport

37,000 m²

Terminal Building

4,000,000 passengers per year / Terminal Design Capacity

256,000 m² / Runway, Taxiway, Apron Area

5,570 m² / Car Park Area (200 vehicles)

30 units / Check-in counters

4 units / Passenger Boarding Bridges

7 units / Baggage Claim Carousels

Batumi International Airport

Batumi, Georgia

Terminal Building and Miscellaneous Upgrading Works
May, 2006 - May, 2007

Located in Batumi, the primary tourism center of Georgia, Batumi International Airport is a first in the region as a shared facility between two countries, Georgia and Turkey. This important collaboration has had a major impact on the region's development and in strengthening ties between the two countries.

In addition to the design and construction of the terminal building, TAV Construction was also responsible for civil works on the runway, taxiway and apron lighting system, as well as developing a runway drainage system and other auxiliary facilities.

Batumi International Airport promises to connect Georgians with the world and vice versa, in a manner that is both convenient and enjoyable.

4,100 m^2 / Terminal Building
562,500 passengers per year / Terminal Design Capacity
3,100 m^2 / Car Park Area (100 vehicles)
112,500 m^2 / Runway Rehabilitation
6,200 m^2 / Runway Extention
43,850 m^2 / Taxiways
14,500 m^2 / Connecting Roads
1 units / Baggage Claim Carousels

Client: Joint Stock Company Tbilisi International Airport

Emirates Engineering Center

Dubai, UAE

Hangars Steel Roof Construction
September, 2003 - November, 2005

Emirates Engineering Center Package 200 Hangars Steel Roof Construction, the first overseas project of TAV Construction, is the Maintenance Repair and Overhaul (MRO) Facility for the Airbus A380s of Emirates Airlines, the operator of the largest A380 fleet in the world. Home to the largest passenger aircraft, the huge, sturdy, remarkable and aesthetically-pleasing aircraft hangars adorn the Dubai International Airport.

TAV Construction undertook the design and construction of the steel roof for the 7 hangars. Built in the shape of perfect squares, each hangar measures 110 meters by 110 meters, the total weight of the structural steel erected for the facility is 14,000 tons. Advanced engineering works carried out involved structural calculation, production of shop drawings, procurement of materials, fabrication and transportation to the site and the erection of the hangars.

7 units / Hangars (110 m x 110 m each)
14,000 tons / Structural Steel Works

Client: Government of Dubai, Department of Civil Aviation
Engineer: Aéroports de Paris Ingénierie (ADPI)

Gazipaşa-Alanya International Airport

Antalya, Turkey

Terminal Refurbishment and Expansion, Runway and Apron Extension, ATC Tower Construction
August, 2008 - July, 2009

Runway Extension
September, 2014 - September, 2015

Gazipaşa-Alanya International Airport is one of the most strategic facilities within Turkey's Mediterranean region. Having Gazipaşa-Alanya Airport scaled up to the 3C category in 2010 and by utilizing the TAV brand's reputation and knowledge in the airport operations business, TAV created a new boutique airport which serves passengers from key international destinations.

Gazipaşa-Alanya International Airport is expected to become the most important infrastructure investment, the cornerstone of Alanya's vision to solidify its position as a premium tourism destination contributing to the development of the region.

6,400 m^2 / Terminal Building
1,500,000 passengers per year / Terminal Design Capacity
22,500 m^2 / Apron Area
4,000 m^2 / Open Car Park Area

Client: Turkish State Airports Authority (DHMI)

St. Paul The Apostle International Airport

Ohrid, Macedonia

VIP Facility, Administration Building, Aircraft Hangar, Baggage Handling System, Car Park and Renovation Works
March, 2010 - March, 2011

St. Paul the Apostle International Airport is the secondary international airport in the Republic of Macedonia and is operational for small to medium/large aircraft.

Under the concession agreement signed by TAV Airports Holding, the renovation works included the construction of the VIP facility, an administration building, car park, aircraft hangar, apron area and the installation of the baggage handling system.

The apron can accommodate up to 9 aircraft simultaneously and the terminal is equipped to handle up to 400,000 passengers annually. The main purpose of St. Paul the Apostle International Airport is to serve as an alternative to Skopje International Airport and to cater to flights bringing in tourists destined for Ohrid.

3,250 m^2 / Terminal Building
400,000 passengers per year / Terminal Design Capacity
36,000 m^2 / Apron Construction Works
11,000 m^2 / Car Park Area (250 vehicles)
6 units / Check-in Counters
1 units / Baggage Claim Carousel

Client: Ministry of Transportation, Republic of Macedonia

BUILDING PROJECTS

TURKEY

Emaar Square İstanbul

UNITED ARAB EMIRATES

Damac Towers by Paramount

The Address Residences Dubai Opera

Il Primo

Marina-101 Hotel & Residences

Emirates Financial Towers

Sulafa Tower

Majestic Tower

Towheed Iranian School

Times Square Center Shopping Mall

FRANCE

Aéroports de Paris Headquarters

SAUDI ARABIA

Madinah Airport Hotel

Saudi Airlines Catering Building

Emaar Square

İstanbul, Turkey

Mall and Car Park
November, 2013 – April, 2017

Hotel and Residences (11B+G+50F)
November, 2013 – April, 2019

Emaar Square, the second integrated development of Emaar Properties in Turkey, is a mixed-use development that comprises a 5-star hotel, Grade A offices, luxurious residences and a high-end shopping mall that is located in close vicinity to the new financial center on the Asian side of İstanbul.

With an iconic architectural design that captures the soul of İstanbul, Emaar Square is the cosmopolitan city's largest mixed-use project. In addition to 1,000 luxury residences and the 183-key The Address Hotel, the development is known with the Emaar Square Mall, home to numerous luxury brands and stores making their debut in Turkey. Mall section was opened in 2017, with featuring a wide range of leisure facilities, entertainment centers, an ice rink, aquarium and underwater zoo, taking inspiration from Emaar's flagship shopping center The Dubai Mall.

Constructed by the main contractor joint venture TAV and Sera Construction, Emaar Square has been designed taking energy conservation into consideration and targets LEED Silver® to develop environmentally-conscious spaces to next generations.

621,500 m^2 / Total Built-up Area
91,500 m^2 / Residential Area
530,000 m^2 / Mall and Car Park Area
146,250 m^3 / Concrete Works
15,650 tons / Rebar

Client: Emaar Turkey
Architect: DP Architects
Project Manager: Turner (TIME)

Damac Towers by Paramount

Dubai, UAE

Mixed-use Development (4x2B+G+9P+58F+Roof)
September, 2013 - January, 2018

CONSTRUCTION WEEK AWARDS
2016 TOWER PROJECT OF THE YEAR

Damac Towers by Paramount is an iconic hotel and residential complex located in Dubai's Business Bay area.

The four tower mixed-use development will house the region's first Paramount Hotel in one tower, while remaining three towers comprise 1,400 luxury-serviced apartments and co-brand Damac Maison-Paramount Hotels. The multi-level plaza, which links the four 250-meters towers, will offer an eclectic selection of specialty dining, dine in cinema, wellness and fitness centers, swimming pools, a kids studio club and The Vault, Paramount Hotels and Resorts signature merchandise store.

In 2016, Damac Towers by Paramount was selected "Tower Project of the Year" by Construction Week Awards, in recognition of construction best practice, safety and use of innovative technologies.

394,500 m^2 / Total Built-up Area
365,000 m^2 / Residential Area
30,000 m^2 / Car Park Area
205,000 m^3 / Concrete Works
28,000 tons / Rebar

Client: Damac Properties Co. LLC
Engineer: KEO International Consultants

The Address Residences Dubai Opera

Dubai, UAE

Tower A2 (6B+G+2P+54F) and Tower A3 (6B+G+2P+62F) Main Contract Works
November, 2017 – November, 2020

The Address Residences Dubai Opera is a prime luxury residential development located in the heart of Downtown Dubai adjacent to the World's tallest building, Burj Khalifa and the Opera House, the iconic venue which has become the Dubai's newest arts performance center.

With a design inspired by the sailboats of the Arabian Sea, the development comprises 2 towers; namely A3 and A2 with heights of 260 meters and 230 meters respectively, one featuring 64 storeys, the other 56, connected by an expansive podium offering a range of residential amenities, such as swimming pools, common living space and health club; retail and food and beverage areas. The residences include a mix of premium 1, 2 and 3 Bedroom Serviced Apartments, all with balconies and terraces. Towers have been thoughtfully designed to incorporate views of the Burj Khalifa, the Dubai Fountain and the Dubai Mall.

Designed by Yazdani Studio of Cannon Design, the Address Residences Dubai Opera is destined to become an iconic building adding to the skyline of Downtown Dubai, a vibrant lifestyle destination.

218,500 m^2 / Total Built-up Area
68,000 m^2 / Tower A2 (375 apartment units)
79,000 m^2 / Tower A3 (434 apartment units)
72,000 m^2 / Basement and Podium Areas
150,000 m^3 / Concrete Works
26,250 tons / Rebar

Client: Emaar Development LLC
Project Manager: Mace International Limited
Design and Supervision Consultant: Khatib & Alami
Design Architect: Yazdani Studio of Cannon Design

Il Primo

Dubai, UAE

Tower A4 (6B+G+3P+74F+Crown) Main Contract Works
November, 2017 – September, 2020

Tower A4, the Il Primo is a luxury high-end residential tower adjacent to the Opera House in the heart of the burgeoning Opera District, Downtown Dubai a flourishing and thriving lifestyle destination.

Offering luxury high-end apartments, duplex units and guest quarters, A4 has a built-up area of approximately 140,000 square meters over 78 storeys plus crown with six levels of basement including car parking. The top of the building's crown stands at approximately 370 meters above promenade level.

The Tower sits on a G+3 podium accommodating retail and food and beverage units at Level B01 looking out on to the promenade. Ground Floor reception lobby and ancillary accommodation, a multi-purpose hall and nursery at L01, 11 "Guest Quers" hospitality units at L01/L02 and a gym and spa at L03 looking out on to a pool deck and landscaping.

Residents of this iconic building, designed by Kohn Pedersen Fox, the celebrated US design office, will be offered an unrivalled, panoramic views of the Dubai Fountain, Burj Khalifa and the Arabian Gulf meanwhile enjoying the luxurious, exclusive lifestyle.

139,500 m^2 / Total Built-up Area
99,750 m^2 / Gross Floor Area
101,000 m^3 / Concrete Works
24,800 tons / Rebar

Client: Emaar Development LLC
Project Manager: Mace International Limited
Lead Consultant: WSP
Design Architect: Kohn Pedersen Fox Associates (KPF)

Marina-101
Hotel & Residences

Dubai, UAE

Hotel and Residences (6B+G+100F+Crown)
April, 2008 – August, 2016

Reaching to a height of 425 meters, Marina-101 is currently the second tallest tower in Dubai and one of the after the monumental Burj Khalifa, by-far the tallest building in the World.

The 101-storey tower is set to become the Middle East's first Hard Rock Hotel on its first 33 floors whereby floors 34 and up contains serviced apartments. Destined to become one of the world's tallest residential buildings, Marina-101 stands out in a city full of super tall structures with architectural elements reminiscent of art-deco design and a 45 meters crown clearly visible from Dubai airport that caps the building.

While Dubai Marina is the prime district boasting luxurious residences, the most famous hotels and retail outlets, Marina-101 Hotel and Residences distinguishes herself by becoming the crown of the Dubai Marina, offering stunning panoramic views of Dubai above all.

190,000 m^2 / Total Built-up Area
156,000 m^2 / Residential Area
33,250 m^2 / Car Park Area
113,900 m^3 / Concrete Works
18,400 tons / Rebar

Client: Sheffield Holdings Ltd.
Design and Supervision Consultant: National Engineering Bureau (NEB)

Emirates Financial Towers

Dubai, UAE

Twin Office Towers (3B+G+2P+25F+Roof)
April, 2007 - June, 2011

Emirates Financial Towers is a 25-storey twin towers office complex located in the heart of the Dubai International Financial Center (DIFC), featuring premium office, retail space and restaurants.

Emirates Financial Towers stand out with their spectacular design. The contemporary elliptical profile features a transparent glass façade. The two towers join at the 17th floor with a glass sky bridge.

Boasting one of the world's largest robotic car parking systems, Emirates Financial Towers is a valuable addition to the skyline of Dubai.

110,000 m^2 / Total Built-up Area
62,500 m^2 / Office Area
28,000 m^2 / Retail Area
19,500 m^2 / Car Park Area
61,000 m^3 / Concrete Works
8,300 tons / Rebar

Client: Emirates Financial Towers LLC (MAG – ENSHAA JV)
Project Manager: Projacs
Supervision Consultant: Al Gurg Consultants
Architect Design: CPG

Aéroports de Paris Headquarters

Paris, France

3 Office Buildings
February, 2015 – April, 2018

Located in the heart of Paris-Charles de Gaulle Airport, halfway between Terminals 1 and 2, the new Aéroports de Paris Headquarters is the first project of TAV Construction in a European Union country.

TAV Construction, in a consortium with Hervé SA won the tender to design and build the headquarters in 2015. The project consists of three-building complex which are connected with an accessible roof terrace in landscaped gardens overlooking the airport. Aéroports de Paris Headquarters places a high emphasis on sustainability and aims to obtain a dual environmental certification with HQE™ “excellent” and BREEAM “very good” labels.

Aéroports de Paris or ADP, a global leader in the airport industry, owns and operates the three main airports in the Paris region (Paris-Charles de Gaulle, Paris-Orly and Paris-Le Bourget), ten general aviation aerodromes and the Issy-les-Moulineaux heliport. In 2012, the Group became the major shareholder of TAV and the transaction created the largest airport operations partnership in the world serving over 228 million passengers annually.

68,250 m^2 / Total Built-up Area
13,000 m^2 / Baikal Building
27,500 m^2 / Siege Building
10,000 m^2 / Point Building

Client: Aéroports de Paris

Sulafa Tower

Dubai, UAE

Residential Tower (4B+G+4P+72F)
November, 2006 – February, 2011

Sulafa Tower is one of the tallest residential buildings in Dubai Marina, the world's largest man-made marina.

TAV Construction's scope of works in this 288 meters high tower project comprised enabling and piling works, all civil, structural and architectural works, as well as MEP.

Sulafa Tower stands tall like a palm tree in an oasis, reaching the sky and offering an upscale, cosmopolitan ambience and luxurious accommodations with a gorgeous view of the Arabian Gulf through the Palm Jumeirah.

133,000 m^2 / Total Built-up Area
107,500 m^2 / Residential Area
26,000 m^2 / Car Park Area
90,000 m^3 / Concrete Works
14,500 tons / Rebar

Client: Al Sayyah & Sons Investment Co. LLC
Architect: National Engineering Bureau (NEB)
Engineer: Al Asri Engineering Consultant

Majestic Tower

Sharjah, UAE

Residential Tower (G+4P+Health Club+Office Floor+44F+Helipad)
July, 2005 - June, 2010

Situated in Al Mamzar Area, on the Dubai-Sharjah border, Majestic Tower is one of the tallest buildings in the Emirate of Sharjah with views out to the Palm Deira.

Standing at 207 meters, the 50-storey building comprises 44 floors for luxurious residences, a floor each for a shopping center, a swimming pool/gymnasium complex and office space. The total built-up area is 63,000 square meters including 11,400 square meters for the car park.

Majestic Tower is a milestone in Sharjah, not only in terms of its height but also for its unique design amongst many rectangular, matchbox-design towers found in Dubai.

63,000 m^2 / Total Built-up Area
51,600 m^2 / Residential Area
11,400 m^2 / Car Park Area
44,750 m^3 / Concrete Works
7,150 tons / Rebar

Client: Khamas Group
Design and Supervision Consultant: Consulting Architecture & Civil Engineering Bureau (CAB)

Madinah Airport Hotel

Madinah, Saudi Arabia

Hotel

December, 2014 – June, 2016

Located at the Prince Mohammad Bin Abdulaziz International Airport in Madinah, Airport Hotel is within the walking distance from the new terminal building.

In addition to the new terminal building, 7-storey Madinah Airport Hotel Project is also constructed by TAV Construction and Al Arrab Contracting Company Joint Venture.

With 222 guest rooms, 4-star hotel creates a modern, welcoming environment for business travelers, aircraft crew and tourists.

11,150 m^2 / Hotel Building

Client: Madinah Airport Hotel Company CJSC
Design Developer: Scott Brownrigg (GMW Architects)

Saudi Airlines Catering Building

Madinah, Saudi Arabia

Ancillary Airport Facility
September, 2014 – January, 2016

The Saudi Airlines Catering Building is the latest and most advanced modern unit of Saudi Airlines Catering Company (SACC), the largest in-flight catering service provider in Saudi Arabia.

The project, constructed by TAV Construction and Al Arrab Contracting Company Joint Venture, consist of a catering building, a workshop building and three security buildings within the commercial zone of the Prince Mohammad Bin Abdulaziz International Airport in Madinah.

The Saudi Airlines Catering Building complements the ongoing developments at the airports around the Kingdom and is planned to create highly functional, hygienic catering facilities that can produce high quality products and be able to serve aircraft within a short period of time.

5,700 m^2 / Catering Building

Client: Saudi Airlines Catering Company Limited
Design Developer: Scott Brownrigg (GMW Architects)

Towheed Iranian School

Dubai, UAE

Educational Facility

March, 2005 - January, 2007

Founded in 1957, Towheed Iranian School is the first private school in the United Arab Emirates. The new 28,000 square meters campus, located in Al Quoz, began welcoming students in September 2007.

Constructed by the TAV-Seidco Joint Venture, the school is eloquently accented by a large triune canvas awning that extends across the playground, making it a landmark in Dubai's network of private schools.

Reminiscent of the nomadic tents of the region's forefathers, this creative architectural design is emblematic of the need for today's students to change with the times.

28,000 m^2 / Total Built-up Area

Client: Ministry of Education, Education Department of Schools Abroad / Directorate of Iranian Schools in UAE
Engineer: Farayand Engineering Consultants

Times Square Center

Dubai, UAE

Shopping Mall

March, 2005 - March, 2007

The Al Sharaf Shopping Mall, known as the Times Square Center, is a 60,000 square meters shopping center located in the Al Quoz area beside Sheikh Zayed Road, the main artery of Dubai.

A community and family-oriented shopping mall, this state-of-the-art facility features a wide variety of consumer goods with a specialization in electronics, home appliances and furniture.

With an attractive layout including skylights, porcelain tiling and marble flooring and a wide array of restaurants and cafes, the Times Square Center is the shopping destination of choice among both Dubai residents and tourists.

60,000 m^2 / Total Built-up Area

Client: Sharaf Group
Engineer: National Engineering Bureau (NEB)









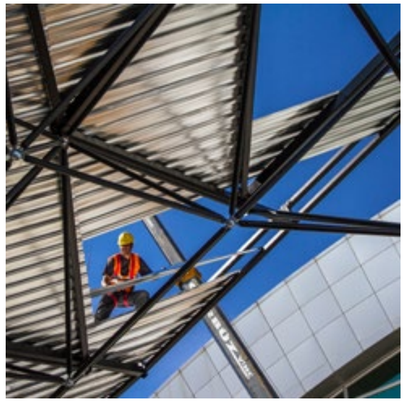




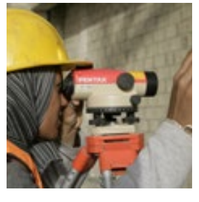






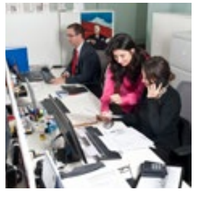
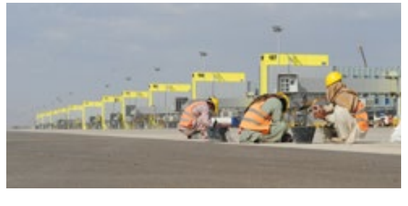



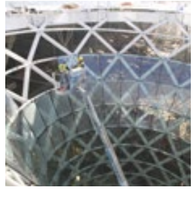




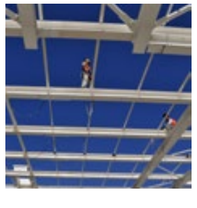


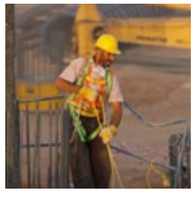
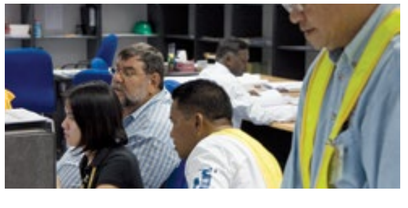
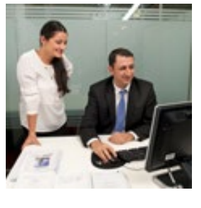
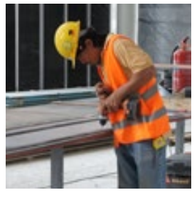









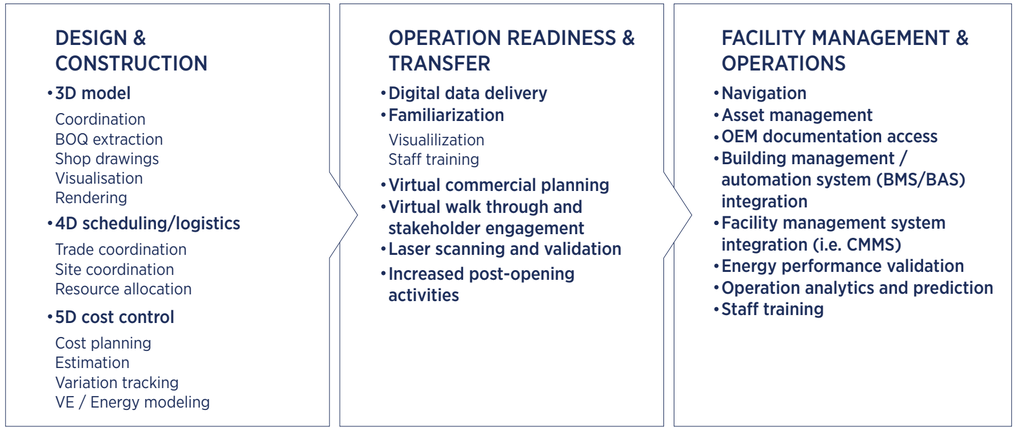


TECHNOLOGY

TAV Integrated Solutions (TAV-IS) offers its clients tools and technologies created for the built environment industry. Building Information Modeling (BIM) has been the main driver and platform of coalescing all project information from design to construction and throughout all facilities management.

The following figure summarizes the various BIM implementations delivered by TAV-IS on several new and existing large airport and high-rise projects. TAV-IS has also been providing expert consulting services for BIM specification, planning and lifecycle management on several large international projects.



To date, more than 6.5 million square meters of built space has been modeled at various levels of detail for a wide range of objectives. Most relevant is the BIM–Facilities Management integration experience TAV-IS has gained over the years. This requires both construction and operation know-how to build BIM models that contain the right information and are organized in a way that can be used for asset and facilities management as well as the integration of BIM and GIS platforms with various CMMS software and BMS systems.

The following are some of the past and ongoing large BIM projects across a wide range of endeavor: Hamad International Airport, Doha, Qatar; Adnan Menderes International Airport New Domestic Terminal, İzmir, Turkey; Abu Dhabi International Airport Midfield Terminal, UAE; Kuwait International Airport, Kuwait; Guggenheim Museum, Abu Dhabi, UAE; Damac Towers by Paramount, Address Residences Dubai Opera and Il Primo, Dubai, UAE; Prince Mohammad Bin Abdulaziz International Airport, Madinah, Saudi Arabia; Emaar Square and Atatürk Airport International Terminal Expansion, İstanbul, Turkey; Aéroport de Paris Headquarters, Roissy-Charles de Gaulle, France; New Pier A, Amsterdam Airport Schiphol, Amsterdam, Netherlands; Arturo Merino Benitez International Airport, Santiago, Chile.

HUMAN RESOURCES

TAV Construction is known for completing projects in record time by maintaining the highest standards of quality in its work. The skill, knowledge, experience and commitment of its people is the key factor behind this success. In order to sustain this high level of skill, TAV Construction gives top priority to the process of attracting and retaining the most talented professionals in the field, who consistently perform at world-class standards.

Entrepreneurial spirit, creativity and action are all a vital part of the company's achievement-oriented culture. TAV Construction believes that strong, positive and sustainable development can only be achieved by raising the awareness and eliciting the cooperation and participation of its employees.

TAV Construction is committed to continually enhancing the skills, productivity and effectiveness of its workforce by creating a climate of constant professional development and innovation. All employees are equipped with the latest information, know-how and technology necessary to produce at the highest international standards, succeed in their tasks and to meet the most detailed requirements of TAV Construction's clients.

TAV Construction's greatest asset is its employees. We employ more than 28,000 people comprising over 33 nationalities around the world. Our diversity of nationalities, cultures and backgrounds enriches our business by bringing on board new thinking styles that enhance our success.

TAV Construction sets the highest standards: "Getting better, developing, growing, improving and maintaining the excellence of our business and lives is our highest principle."

Planning and acting for the future is the key metric of our business and we all act in line with ethical standards as a fundamental rule, prioritizing respect for people, the environment, laws and regulations. TAV Construction ensures the provision of a safe and healthy work environment by considering inherent risks and hazards including physical, chemical, biological and radiological hazards in the construction industry.

QUALITY

TAV Construction serves its clients at the highest level of satisfaction, providing the most appropriate and desired solutions with the best quality, and without compromising on their expectations in terms of technical specifications, budget and time compliance.

The policy of the company is based on the following values:

- To meet all the technical and commercial performance criteria of the projects through the efficient utilization of resources in order to meet the employers' expectations and ensure their satisfaction.
- To apply the latest technology and engineering solutions, transfer knowledge and experience generated from completed projects to new projects and comply with all applicable legislation, standards, contract terms and conditions.
- To increase the employees' technical and personal skills so that they may improve their contributions to the achievement of our goals and successfully imbue them with TAV corporate culture and values.
- To maintain the highest level of cooperation and communication with our employers, business partners and other interested parties and be recognized as one of the leaders in the construction industry.
- To improve the effectiveness of the quality management system.

HEALTH, SAFETY AND ENVIRONMENT

TAV Construction believes that its success depends on its approach, which emphasizes the necessity of continual improvement of the quality, environment, occupational health and safety systems.

The policy of the company consists of the following elements:

- The description of the “job” in TAV Construction is the performance of jobs in a way which is efficient, high quality, sensitive to nature, safe and healthy. Therefore, employees and subcontractors are encouraged to adopt the goal of “zero accidents” as a way of life.
- It is committed to complying with the employers’ requirements, with applicable local and international legal requirements and with other HSE requirements.
- A safe working environment shall be provided for our employees, subcontractors and visitors. It is expected that they will maintain standards exert the utmost efforts to improve upon them.
- HSE trainings and awareness of employees and subcontractors shall be provided to increase their competency and promote their participation.
- An effective communication line shall be established with all related parties.
- To ensure the protection of the environment, health, safety and security of all employees, all required resources shall be provided.
- Occupational health and safety risks and environmental impacts for all processes and activities shall be identified and managed by taking required measures to prevent pollution, injury and ill health.
- Minimizing the use of natural resources and waste during the entire design, procurement, construction, and commissioning phases of projects is a primary goal.
- An environmentally friendly work methodology shall be adopted by keeping in mind that all activities have an environmental impact.
- The execution of the occupational health, safety and environmental management system shall be monitored and measured to improve the effectiveness of HSE management systems.

TAV GROUP

TAV is an airport development, management and construction group; an integrated airports holding; offering turnkey, one stop shop solutions for airports throughout the entire cycle: from finance, to design and construction and the operations.

TAV was born as the special vehicle purpose that was established to develop İstanbul Atatürk International Airport (AHL) in Turkey back in 1997. AHL was the first example of airport privatization in Turkey. With the successful implementation of the model, which was a Build-Operate-Transfer (BOT) scheme, the Government followed the same procurement route for other airport projects in the country where TAV has become the preferred partner pioneering the creation of an entire industry.

Today, TAV currently operates 17 airports worldwide in Turkey, Saudi Arabia, Tunisia, Macedonia, Croatia, Latvia, and Georgia while pioneering a vertically integrated airport management business model; the holding company boasts subsidiaries for Duty Free (ATU), Lounge and CIP Services (TAV Operation Services), Food and Beverage (BTA), Information Technologies (TAV IT), Security (TAV Private Security Services) and for Ground Handling Services (Havaş). These services subsidiaries even have operations beyond TAV airports; carrying TAV flag in 78 airports in 19 countries.

In 2012 Aéroports de Paris (ADP) became the largest shareholder of TAV Airports Holding. The transaction created the largest airport operations partnership in the world, serving 228 million passengers annually. With the combination of regional know-how, diverse airport portfolios and unique operational capabilities of TAV and ADP, the company's integrated efficiency, operational power and financial capabilities are further enhanced to a greater level.

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