

## Infrastructure Projects in Turkey

Infrastructure projects are in accordance with “Vision 2023” which states that Priority will be given to infrastructure investments (highway, railway, airports) and Public-Private-Partnership (PPP) will be the main instrument to realize infrastructure projects in the way to 2023.

### Major Projects

- 5 new airports to be completed by 2014 – Elazığ, Bingöl, Hakkari, Şırnak, Ordu-Giresun
- **3rd airport in northwestern part of İstanbul (BOT Model)**  
3rd Airport of Istanbul will be built around Yenikoy and Akpınar (northwest) on 77 million m<sup>2</sup> land. Project will be developed in 4 phases and final capacity will be 150 million passenger per annum which makes it the largest airport of the world. Contractor must have at least 20% equity capital and start works without waiting for credit process. Operator will be guaranteed 342 million passengers for the first 12 years. Deadline for submitting bids is 3<sup>rd</sup> May 2013 and bid bond value is 40.000.000 Euros or equivalent.
- Canal Istanbul – creation of artificial waterway connecting the Black Sea to the Sea of Marmara (BOT Model)  
Planned to be built on the outskirts of the European side of the city, connect the Black Sea to the Marmara Sea, 45-50 km long, estimated cost: 7 Billion U.S Dollars
- New terminals planned for existing airports
- Major bridge in Çanakkale Straits (US\$ 0.875 bln, as part of Tekirdağ-Çanakkale-Balıkesir motorway worth US\$ 3.42 bln)

### Urban Infrastructure Projects:

- \$400 billion investment planned for urban renewal projects over the next 10 years
- 7 million units of housing
- 50 neighborhoods in Istanbul have been targeted for urban renewal projects
- 2 new cities to be built in Istanbul with 1 million population each

### 2023 Highway Targets:

- 16 new large-scale logistic centers

- Construct 16.843 km dual carriageway, 5.275 km motorway (19.657 km & 2.225 km in 2010)
- 58.00 km with bitumen hot-mix asphalt (12.00 km in 2010)
- 3. bridge on Bosphorus (already in process)
- Bridge on Dardanelles

### **New Motorway Projects (PPP Projects)**

Ankara - Niğde Motorway

Ankara - Samsun Motorway

Aydın - Denizli-Burdur Motorway

Kınalı-Tekirdağ - Çanakkale - Balıkesir Motorway

Ankara - İzmir Motorway

Afyon - Antalya - Alanya Motorway

Sivrihisar - Bursa Motorway

Şanlıurfa - Habur Motorway ve Diyarbakır Connection

Gerede - Gürbulak Motorway

### **2023 Railway Targets:**

- 10.000 km high-speed railway, 4.000 km new railway
- 8.000 km railway with electricity and signal
- Annually 500 km railway will be renovated
- Liberalization of railways opening to private sector
- Renovation of terminals and stations and construction of new terminals for high-speed trains
- Support railway projects to connect Turkey with Caucasus, Middle East, North Africa

### **New Railways**

9,978 km new high speed rail lines through 29 cities

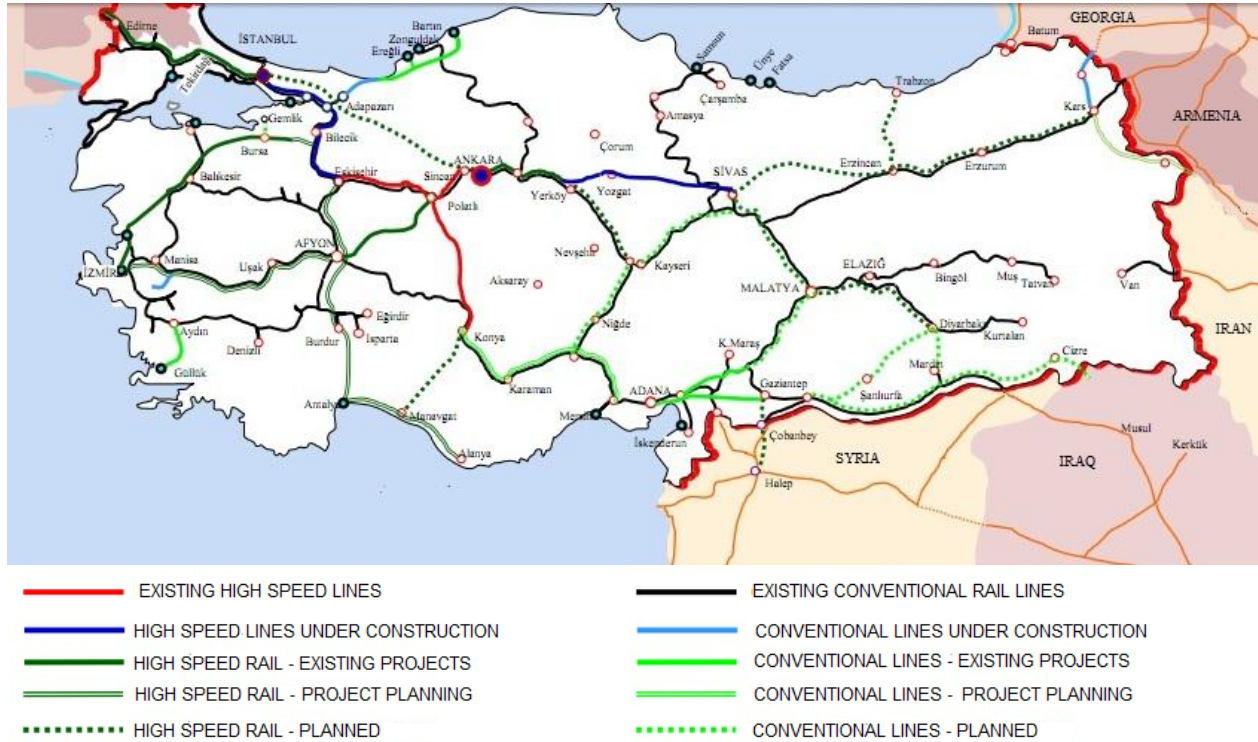
2 high speed rail lines have been completed (Ankara-Eskişehir, Ankara-Konya)

4 are due to be complete in 2015 (İzmir-Ankara, İstanbul-Bilecik, Bursa-Bilecik, Gaziantep-Halep)

#### 9 more in planning stages:

- Alifuatpaşa-Doğançay tender due in November, Doğançay-Sapanca in 2013 (part of the İstanbul-Bilecik line)

- \* 4,997 km new conventional rail lines
- \* 7,000 km Iron Silk Road (Bulgaria to Georgia, passing through Istanbul, Ankara, Sivas, Erzurum, Erzincan and Kars)
- \* Expansion of the Istanbul rail and metro – current 154 km rail/metro capacity is expected to reach 641 km in 2023
- 8 lines currently at the tender stage (total of over 100 km)



## 2023 Maritime Targets:

- Connect main ports with railways
- Transfer ports in Aegean/Mediterranean/Marmara/Blacksea
- 32 million TEU handling capacity for container transport
- Handling 500 million tons of solid & 350 million liquid load
- 100 marina with 50.000 yacht capacity

## Marinas:

Taşucu: Total area 1,7 mn sqm

Kalamış-Fenerbahçe: Existing capacity of 1,050 yachts will be doubled

Tekirdağ: 175 yacht admittance capacity

Silivri: 450 yacht admittance capacity

Balıkesir Avşa Adası Türkeli: 200 yacht admittance capacity

Tuzla: 560 yacht admittance capacity  
Antalya Demre: 700 yacht admittance capacity  
18 new marinas in İzmir with total 6400 capacity  
İzmir Yenifoça: 330 yacht admittance capacity  
İzmir Karaburun: 280 yacht admittance capacity  
İzmir Çeşme Şifne: 700 yacht admittance capacity  
İzmir Seferihisar Ürkmez: 475 yacht admittance capacity  
Karşıyaka: 500 yacht admittance capacity  
Bayraklı: 500 yacht admittance capacity  
İnciraltı: 450 yacht admittance capacity  
Urlaaltı (Çeşme) : 100 yacht admittance capacity  
Şakran: 400 yacht admittance capacity

**Ports:**

Istanbul Port – to be privatized

İzmir Port – to be privatized

Derince Port – to be privatized

*Çandarlı Port - under construction*

*Mersin Container Port – in planning stages*

*Filyos Port - planned as part of the Filyos Valley project (industrial zone), 25 milyon ton/year capacity*

New Mersin Container Port : A major hub in Eastern Mediterranean. 5 phases, final stage 12 million TEU/year

Çandarlı Port : New container port in Northern Aegean : 2 phases, 4 million TEU/year, could be extended ultimately to 12 million TEU/year

Filyos Port : Regional port in Western Black Sea Area– 25 million tons/year.

## Health Projects

\* 36 projects (37.100 beds and with respect to pre-feasibilities US\$ 5 Bln cost) approved by High Planning Council

\* Revised Portfolio:

- Total # of beds: 41.268
- Total # of projects : 36

Project Name	Phase	Brief Info
Ankara Bilkent Integrated Health Campus	On Construction	Ankara Bilkent Integrated Health Campus Project with a construction area of 1.200.000 m2 would be covering a health campus investment with a total capacity of 3662 beds consisting of a 582-bed General Hospital, a 574-bed Woman's Hospital, a 514-bed Children's Hospital, a 425-bed Cardio-vascular Hospital, a 557-bed Oncology and Children's Oncology Hospital, a 412-bed Orthopedics Hospital, a 300-bed Physical Therapy and Rehabilitation Hospital, a 198-bed Psychiatric Hospital and a 100-bed High-Security Psychiatric Hospital. The campus also covers medical science university, high technology center and R&D center, commercial areas, congress centers, etc. Parkings are designed at basement floors. Dutch auction of Work of Construction Works and the Provision of Products and Services for Ankara Bilkent Integrated Health Campus was held on 10.10.2011 and the most advantageous bidder is Ic İtař İnřaat San.Tic. A.ř. - Dia Holding Fzco Joint Venture.
Ankara Etlik Integrated Health Campus	On Construction	Ankara Etlik Integrated Health Campus Project with a construction area of 1.400.000 m2 would be covering a health campus investment with a total capacity of 3566 beds consisting of a 718-bed General Hospital, a 500-bed Woman's Hospital, a 508-bed Children's Hospital, a 362-bed Cardio-vascular Hospital, a 494-bed Oncology and Children's Oncology Hospital, a 478-bed Orthopedics Hospital, a 300-bed Physical Therapy and Rehabilitation Hospital, a 106-bed Psychiatric Hospital and a 100-bed High-Security Psychiatric Hospital. The campus also covers medical science university, high technology center and R&D center, commercial areas, congress centers, etc. Parkings are designed at basement floors. Dutch auction of Work of Construction Works and the Provision of Products and Services for Ankara Etlik Integrated Health Campus was held on 30.06.2011 and the most advantageous bidder is Astaldi SPA - Trkerler İnř. Turz. Mad. Enrj. rt. Tic. San. A.ř. Joint Venture.

Kayseri Integrated Health Campus	On Construction	<p>Kayseri Integrated Health Campus Project includes a health facility investment of 1583 bed capacity with a construction area of 750.000 m2. The campus also consist of commercial spaces, congress centers, recreation areas etc.</p> <p>The contract of " Work of Construction Works and the Provision of Products and Services for Kayseri Integrated Health Campus" with a total capacity of 1583 beds was signed between Ministry of Health Department of Public Private Partnership and YDA İnşaat Sanayi Ticaret A.Ş. &amp; INSO Sistemı Per Le Infrastrutture Socialı S.P.A Joint Venture on 10 August 2011.</p>
Elazig Integrated Health Campus	On Contract	<p>The Project would be covering a health campus investment with a total capacity of 1038 beds consisting of a 493-bed General Hospital, a 299-bed Woman’s and Children’s Hospital, a 96-bed Psychiatric Hospital and a 150-bed High-Security Psychiatric Hospital.</p> <p>The final bid was received on 16/09/2011 for the Work of Construction Works and the Provision of Products and Services for Elazığ Integrated Health Campus.</p> <p>The list of the final bidders; in order of final bid receipt on 16/09/2011:</p> <p>1- Sila Dan. Bilş. Eğt. İnş. Taah. Tic. ve Sağ. Hizm. Ltd. Şti. – Şentürkler Müh. İnş. Taah. Turz. San. ve Tic. A.Ş. - Medical Park Sağ. Hizm. A.Ş. Joint Venture</p>
Istanbul Ikitelli Integrated Health Campus	On Contract	<p>The Project would be covering a health campus investment with a total capacity of 2682 beds consisting of a 443-bed General Hospital, a 359-bed Onkology Hospital, a 451-bed Children’s Hospital, a 451-bed Woman’ s Hospital, a 303-bed Cardia-vascular Hospital, a 347-bed Neurological Sciences and Orthopedic Hospital, a 128-bed Psychiatric Hospital, a 200-bed Physical Therapy and Rehabilitation Hospital. Emsaş İnşaat Turizm Ticaret ve Sanayi Anonom Şti. - PBK Architects Inc. - Ascension Group Architects L.P. - Allen Shariff Corporation - Meinhardt Group - May Eczane - Forcimsa Empresa Constructora, S.A. - Sürat Bilişim - Consortio International Eng. Consult - Şahin Tıp San. ve Tic. Ltd. Şti. Joint Venture is invited to sign contract.</p>
Konya Karatay Integrated Health Campus	On Contract	<p>The Project would be covering a health campus investment with a total capacity of 838 beds consisting of a 420-bed General Hospital, a 418-bed Woman and Children’s Hospital.</p> <p>Dutch auction of Work of Construction Works and the Provision of Products and Services for Konya Karatay Integrated Health Campus was held on 30.01.2012 and the most advantageous bidder is Yda İnş. San. ve Tic. A.Ş. - Inso Sistemı Per Le Infrastrutture Sociali S.P.A Joint Venture. Detailed examination on finance model, project proposal etc. of Joint Venture was initiated by the tender commission and tender process is still ongoing.</p>

Mersin Integrated Health Campus	On Contract	The Project shall be executed in Toroslar-Mersin. The Project would be covering a health campus investment with a total capacity of 1253 beds consisting of a 467-bed Station Hospital, a 383-bed Woman's and Children's Hospital, a 169-bed Cardio-vascular Hospital, a 96-bed Psychiatric Hospital and a 138-bed Oncology hospital. Dutch auction of Work of Construction Works and the Provision of Products and Services for Mersin Integrated Health Campus was held on 11.05.2012 and the most advantageous bidder is Yda İnş. San. ve Tic. A.Ş. - Inso Sistemı Per Le Infrastrutture Sociali S.P.A Joint Venture. Detailed examination on finance model, project proposal etc. of Joint Venture was initiated by the tender commission and tender process is still ongoing.
Manisa Education and Research Hospital	On Contract	The Project would be covering a education and research hospital investment with a total capacity of 558 beds. Dutch auction of Work of Construction Works and the Provision of Products and Services for Manisa Education and Research Hospital was held on 05.10.2011 and the most advantageous bidder is Yda İnş. San. ve Tic. A.Ş. - Inso Sistemı Per Le Infrastrutture Sociali S.P.A Joint Venture. Detailed examination on finance model, project proposal etc. of Joint Venture was initiated by the tender commission and tender process is still ongoing.
Yozgat Education and Research Hospital	On Contract	Yozgat Education and Research Hospital Project shall be executed in Yozgat. The Project would be covering a Education and Research Hospital investment with a total capacity of 475 beds. Sıla Dan. Bil. Eğt. İnş. Taah. Tic. Sağ. Hizm. Ltd. Şti. - Şentürkler Müh.İnş.Taah.Turizm ve Tic.A.Ş. - Medical Park Sağ.Hizm.A.Ş. Joint Venture is invited to sign contract.
Eskisehir City Hospital	Pre-Qualification	The Project would be covering an integrated health campus investment with a total capacity of 1.060 beds consisting of a 712 beds General Hospital, 129 beds Oncology Hospital, 119 beds Cardiovascular Diseases Hospital and 100 beds High-Security Forensic Psychiatric Hospital. Pre-qualification evaluation is still under progress.
TPHA + TPMDA Campus	Pre-Qualification	The high-tech Health Facility as defined in the Project will be assigned to the Ministry in the field at Ankara Bilkent. The Project would be covering a health facility with a Consumer Safety Reference Laboratory Building, two Infectious Diseases Reference Laboratory Buildings, two Pharmaceuticals and Medical Device Analysis and Control Laboratory Buildings, an Analysis and Reference Laboratory Building which has Biosafety Level 3 (BSL-3-P3) and Biosafety Level 4 (BSL-4-P4) units, a Building of Experimental Animal Production, Testing and Research Unit, Administrative Building of Turkish Public Health Agency, Administrative Building of Turkish Pharmaceuticals

		<p>And Medical Devices Agency, Data Center, Social Facilities and Technical Facilities.</p> <p>QUALIFIED BIDDERS</p> <ol style="list-style-type: none"> <li>1. TAŞ YAPI İNŞ. TAAH. SAN. ve TİC. A.Ş.</li> <li>2. ACCIONA INFRAESTRUCTURAS S.A.</li> <li>3. CONSTRUCTORA SAN JOSE S.A.&amp; FERNAS İNŞAAT A.Ş. Joint Venture</li> <li>4. YILDIZLAR İNŞ. ve TİC. A.Ş.</li> <li>5. GÜRİŞ İNŞ. ve MÜH. A.Ş.</li> <li>6. TEPE İNŞ. SAN. A.Ş.</li> <li>7. YDA İNŞ. SAN. ve TİC. A.Ş.- İLSAN İNŞ. TAAH. TURZ. PET. OTO. SAN. ve TİC. LTD. ŞTİ. Joint Venture</li> <li>8. GARANTİ KOZA İNŞ. SAN. ve TİC. A.Ş.</li> </ol>
Kocaeli Integrated Health Campus	On Bid Phase	<p>The Project would be covering an integrated health campus investment with a total capacity of 1180 beds consisting of a 494 bed General Hospital, 116 bed Oncology Hospital, 246 bed Woman's and Children's Hospital, 124 bed Cardiovascular Diseases Hospital, 100 bed High-Security Forensic Psychiatric Hospital, 100 bed Physical Medicine and Rehabilitation Hospital.</p> <p>The tender process for the Work of Construction Works and the Provision of Products and Services for Kocaeli Integrated Health Campus has been started. The qualified bidders due to the result of prequalification evaluation, can access the tender documents from data room.</p> <p>The bids will be received until 15:00 on 06.02.2013.</p>
Adana Integrated Health Campus	Final Bid	<p>The Project would be covering an integrated health campus investment with a total capacity of 1539 beds consisting of a 574 bed General Hospital, 182 bed Oncology Hospital, 348 bed Woman's and Children's Hospital, 185 bed Cardiovascular Diseases Hospital, 100 bed High-Security Forensic Psychiatric Hospital, 150 bed Physical Medicine and Rehabilitation Hospital.</p> <p>Detailed examination on finance model, project proposal etc. of Sıla Danışmanlık Bilişim Eğitim İnşaat Taahhüt Ticaret ve Sağlık Hizmetleri Limited Şirketi - Şentürkler Mühendislik İnşaat Taahhüt Turizm Sanayi ve Ticaret A.Ş. - Rönesans Holding A.Ş. - Rönesans Medikal Yatırımları A.Ş. - Şam Yapı Sanayi ve Ticaret Ltd. Şti. Joint Venture was initiated by the tender commission and tender process is still ongoing.</p>
PTR, Psychiatry and High Security Forensic Psychiatry Hospitals	Final Bid	<p>Physical Therapy and Rehabilitation, Psychiatry and High Security Forensic Psychiatry Hospitals, within the scope of the project which will be held with the Public Private Partnership Model, are listed in the table on:</p> <p><a href="http://www.ppp.gov.tr/?Islem=YaziDetay&amp;IcerikID=261">http://www.ppp.gov.tr/?Islem=YaziDetay&amp;IcerikID=261</a></p> <p>The final bids were received on 14.12.2012 for The Construction Works and The Provision of Products and Services for Physical Therapy and Rehabilitation (PTR),</p>



		<p>Psychiatry (P) and High Security Forensic Psychiatry (HSFP) Hospitals.  Sıla Dan.Bilş.Eğt.İnş.Taah.Tic.ve Sağ.Hizm.Ltd.Şti.-  Şentürkler Müh. İnş. Taah. Turzm. San. Ve Tic. A.Ş.-Ş.A.M  Yapı San. Ve Tic Ltd.Şti-Rönesans Medikal Yatırımları  A.Ş.-Rönesans Holding A.Ş. Joint Venture</p>
Izmir Bayraklı Integrated Health Campus	Final Bid	<p>The Project would be covering a integrated health campus investment with a total capacity of 2.000 beds consisting of a 703 bed General Hospital, 360 bed Cardiovascular Diseases Hospital, 131 bed Oncology hospital, 406 bed Woman's and Children's Hospital, 100 bed High-Security Forensic Psychiatric Hospital, 300 bed Physical Medicine and Rehabilitation Hospital.</p> <p>Dutch auction of Work of Construction Works and the Provision of Products and Services for Bursa Integrated Health Campus was held on 10.12.2012 and the most advantageous bidder is Türkerler İnş. Tur. Madencilik Enerji Üretim Tic. ve San. A.Ş.-Gama Holding A.Ş. Joint Venture. Detailed examination on finance model, project proposal etc. of Joint Venture was initiated by the tender commission and tender process is still ongoing.</p>
Gaziantep Integrated Health Campus	Final Bid	<p>The Project would be covering an integrated health campus investment with a total capacity of 1867 beds consisting of a 628 bed General Hospital, 154 bed Oncology Hospital, 205 bed Cardiovascular Diseases Hospital, 518 bed Woman's and Children's Hospital, 112 bed Psychiatric Hospital, 100 bed High-Security Forensic Psychiatric Hospital, 150 bed Physical Medicine and Rehabilitation Hospital.</p> <p>Dutch auction of Work of Construction Works and the Provision of Products and Services for Gaziantep Integrated Health Campus was held on 01.11.2012 and the most advantageous bidder is Samsung C&amp;T Corporation - Kayı İnş. San. ve Tic. A.Ş. - Salini S.P.A. - Simed International B.V. - Studio Altieri Spa - HAN Teknik Müşavirlik Mühendislik Mimarlık A.Ş. Joint Venture. Detailed examination on finance model, project proposal etc. of Joint Venture was initiated by the tender commission and tender process is still ongoing.</p>
Bursa Integrated Health Campus	Final Bid	<p>The Project would be covering an integrated health campus investment with a total capacity of 1355 beds consisting of a 468 bed General Hospital, 275 bed Cardiovascular Diseases Hospital, 264 bed Oncology hospital, 48 bed Psychiatric Hospital, 100 bed High-Security Forensic Psychiatric Hospital, 200 bed Physical Medicine and Rehabilitation Hospital.</p> <p>Dutch auction of Work of Construction Works and the Provision of Products and Services for Bursa Integrated Health Campus was held on 06.12.2012 and the most</p>

		<p>advantageous bidder is Şentürkler Müh. Müteahhitlik İnş. Taahhüt Turizm Sanayi ve Ticaret A.Ş. – Sıla Danışmanlık Bilişim Eğitim İnş. Taahhüt Tic. ve Sağlık Hizmetleri Limited Şirketi – Medical Park Sağlık Hizmetleri A.Ş. Joint Venture. Detailed examination on finance model, project proposal etc. of Joint Venture was initiated by the tender commission and tender process is still ongoing.</p>
Isparta City Hospital	Final Bid	<p>The Project would be covering an integrated health campus investment with a total capacity of 755 beds consisting of a 450 beds General Hospital and 305 beds Woman's and Children's Hospital.</p> <p>The bids were received on 27/07/2012 for the Work of Construction Works and the Provision of Products and Services for Isparta City Hospital, as a result of evaluations, the bidders which is written below, were requested to give final bids on 31/01/2013 at 3:00 pm. The list of the bidders:</p> <ol style="list-style-type: none"><li>1. Akfen İnş. Tur. Ve Tic. A.Ş.</li><li>2. Kolin İnş. Tur. San. ve Tic. A.Ş. - Assigna Infraestructuras S.A. Joint Venture</li></ol>