

Add value to your participation in the 9<sup>th</sup> UITP Light Rail Conference  
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# Study tour - Light Rail TURKEY

6-11 June 2008



 İSTANBUL ULAŞIM



 BURULAŞ



 EsTram



 KONYA  
BÜYÜKŞEHİR BELEDİYESİ

 UITP

Turkey is a fast growing economy, whose international reputation gets stronger every day. Like other countries experiencing the same development, Turkey has been faced with massive urban growth. Within 20 years, Istanbul's population has nearly doubled to over 10 million in 2007. Konya did so from 450.000 to over 800.000. Therefore mobility has moved up to become one of the top priorities on the local political agenda. Congestion and pollution are threatening development and adequate answers have to be found to meet this challenge.

In such a context most larger cities have commissioned light rail projects to address the mobility issue. Rail transportation has boomed over the last 20 years, with Light Rail in operation in 8 cities. The study tour will give the opportunity to explore these developments in depth. The "Light Rail Turkey Study Tour" will offer a close-up view on how Light Rail can adapt to cities of different sizes, with different needs, means and contexts

The tour will take place over the six days preceding the Conference, and will present four emblematic LRT cities with distinct features: new/2<sup>nd</sup> hand rolling stock, high floor/low floor, street running/segregation etc...

The tour is only available to UITP members taking part in the 9<sup>th</sup> Light Rail Conference. Participants will be able to acquire privileged local knowledge about the systems, covering their conception, financing, technologies and hands-on experience of their operation. As well as the UITP experts that will be joining the tour, each city is honored to be taking part and has allocated an expert to guide the visit.

The price of 1730 € covers all travels, meals and transfers as indicated in the programme. Places are limited. We encourage you not to miss this opportunity to see and to experience part of the Turkish enthusiastic light rail country. Let yourself in for a nice surprise!



## Friday 6 June 2008

### Arrival and welcome

**Along the day:** Arrival. Participants should arrange individually their international travel to Istanbul and a transfer to the hotel.

**Evening:** Registration and pre-briefing of tour  
Get-together dinner.

Accommodation has been arranged at the Hotel Polat Renaissance (5\*), conveniently close to the airport for the early start the following morning.

[www.polatrenaissance.com.tr](http://www.polatrenaissance.com.tr)

## Saturday 7 June 2008

### KONYA

**AM:** Early flight to Konya.

Presentation on the local transport system at the offices of our host

2 hour technical visit to the LRT system

Lunch

**PM:** Visits to the Shrine of Mevlana (father of the whirling dervishes) and the Theological School of Karatay

Official dinner offered by Konya Metropolitan Municipality

Accommodation has been arranged at the hotel Konya Rixos (5\*). [www.rixos.com](http://www.rixos.com)

### KONYA MUNICIPALITY

*The first tram line in this ancient city of the Central Anatolian Region opened in 1992, after long delays in the planning and implementation process. A second line followed in 1995 and expansion of the system is slowly taking place, the last addition being 3.3 km inside the campus area inaugurated in October 2007. The light rail system is operated by the department of transportation of the municipality. Konya's fleet comprises 60 second-hand Düwag GT 8 LRVs (1963-64) which carry over 30 million passenger/year.*



## Sunday 8 June 2008

### Travel and cultural activities

**AM:** Travel to Eskisehir by coach.  
(Total travel time: 4 hours)

On the way, visit to Yazilikaya, important Phrygian settlement known as "the city of Midas", portraying rock-cut reliefs depicting the gods from the Hittite pantheon.

Freetime for lunch

**PM:** Arrival and free time

Welcome dinner offered by EsTram

Accommodation at Hotel Anemon (5\*)

[www.anemonhotels.com](http://www.anemonhotels.com)



## Monday 9 June 2008

### ESKISEHIR

**AM:** Presentation on the local transport system by EsTram

Technical visit to the EsTram network.

Lunch kindly offered by our host.

**PM:** Travel to Bursa by coach (2 hours)

Arrival, check in at the hotel and free time.

Dinner at Hotel Almira

Accommodation for the group has been arranged at Hotel Almira (5\*) for 2 nights.

[www.almira.tr](http://www.almira.tr)



### ESTRAM

The LRT system in this industrial city is part of the Urban Development plan to gradually implement a modern transportation infrastructure which would harmonize the city's development needs with quality of life and environmental concerns. Construction of the system was carried out by the Bombardier – Yapı Merkezi consortium over scarcely 20 months and the system started operation on December 2004, winning the 2004 UITP Light Rail Award. Our local host, ESTRAM, subsidiary of the Kentaş-Espas joint venture, has won the contract to operate the system for 10 years. The current network covers 13.5 km, with 2 lines connecting the northwest-southeast, southwest-northeast regions of Eskisehir crosswise and form a network between two hospitals, two universities, the bus terminal and several public service buildings. The fleet has 18 single directional, 100% low-floor Flexity Outlook LRVs, with 5 more vehicles to be delivered at the end of 2008. LRT already has a share of 89.380 boardings per day on a weekday and growing in accordance to the accelerated increase in population, so the municipality has engaged in feasibility studies for future extensions.

### BURSARAY

With a population of 1.2 million, Bursa is Turkey's fourth largest city, as well as one of the most industrialized and culturally charged: it used to be the first capital of the Ottoman Empire and is the departure point of the famous Silk road.

The Bursaray system was first planned in the mid 80s, and in 1997, a contract was signed with a Siemens-led consortium to build it. The 17 km Y-shaped line opened in 2002. 5 km and 5 stations are underground. 48 Siemens high-floor LRV are operated in double or triple traction and carry some 190,000 passenger daily. Bursulas is the municipal company in charge of operation and maintenance of the system. Extension work for each branch is currently underway.

## Tuesday 10 June 2008

### BURSA

**AM:** Presentation on the local transport system by BursaRay

Technical visit to the system and installations.

Lunch kindly offered by our host.

**PM:** Visit to the Green Mosque complex, Grand mosque and the covered bazaar (silk market)

Dinner offered by BursaRay.



ISTANBUL

**AM:** Travel to Istanbul by coach and ferry (Total travel time: 2.5 hours)

Lunch at Hahi Baba Restaurant in the Taksim area.

**PM:** Transfer to UITP 9<sup>th</sup> LR Conference venue – joining the rest of the conference delegates in the technical visit to the system of the Turkish capital by Istanbul Ulasim.

Accommodation to be arranged through the Conference registration system.

ISTANBUL ULASIM

*As the urban rail operator of a city of 11 million inhabitants, the challenges faced by Istanbul Ulasim are not small. Founded in 1988, its current network comprises 6 urban rail lines for a total of 53 km - one metro line, four LRT lines and one funicular system.*

*The LRT system covers 41 km, for the main part in the European side of the city, with only one small circular line (10 stations over 2.6 km) on the Asian side. On the European side, the three existing lines offer connexions between the airport and the city center, the Zeytinburnu and Kabatas neighbourhoods and both sides of the Golden Horn. The latest addition to the system was inaugurated last June. The LRT fleet is composed by 88 high-floor LRVs built in the 80s and 55 Bombardier Flexity. 20 second-hand DÜEWAG LRVs were purchased from Cologne to bridge the gap until 40 Citadis are delivered by Alstom.*

*In total, Istanbul Ulasim provides services to an average of 720000 passengers per day – yet rail based transport represents only 7% of the trips that take place daily in Istanbul. Traffic congestion and environmental concerns have induced the municipal government to invest heavily in public transport. A total of 50.7 km of extensions and new urban rail lines are currently in construction, with a further 98.35 km on planning stage.*



This unique 1730€ fully comprehensive bargain package comprises:

- All main travel and transfers within Turkey (Istanbul–Konya–Eskisheir–Bursa–Istanbul).
- Get together Dinner on Friday 6 June.
- All accommodation from 6 to 10 June (Accommodation in Istanbul is booked separately with the registration to the conference).
- Meals as indicated in the programme.

Terms and conditions

- This study tour is strictly reserved to UITP members registered to the 9<sup>th</sup> UITP Light Rail Conference in Istanbul.
- The light rail package is a limited offer to 25 persons on a “1<sup>st</sup> come – 1<sup>st</sup> served” basis.
- In case of overbooking, the latest registrations will not be accepted and deposit will not be charged. In any case, unavailability will be notified within 5 working days of receipt of booking.
- Registration exclusively via the enclosed registration form.
- Registration, payment and confirmations will be handled by the 7TUR travel agency directly ([www.7tur.com](http://www.7tur.com)).
- Registration will be confirmed in written within 10 working days after receipt of registration and deposit.
- Each participant books the international flight to Istanbul, individually.
- In case of cancellation by a confirmed participant before 11 May, 50% of price will be refunded; between 11 and 25 May, 25% refund; as from 26 May, no refund.
- Neither UITP nor 7TUR are responsible for missed flight connections, loss or theft of personal belongings.
- There is no specific programme for accompanying persons.

The study tour will be conducted in English, and participants should feel comfortable conversion in English. Staff and colleagues will be happy to help with any language difficulties.