



## **SCREENING CHAPTER 14 TRANSPORT POLICY**

# **AGENDA ITEM I: LAND TRANSPORT/ROAD/ Prices and Fiscal Conditions**

**Country Session: The Republic of TURKEY  
25-28 September 2006**



## Content

- Fixing of Rates for Carriage of Passenger and Goods
- Road Prices
- Interoperability



## Fixing of Rates for Carriage of Passenger and Goods

- Free agreement between the parties to the haulage contract.
- Charge tariffs notified to the MoT.
- Owners of license comply with the charge tariffs.
- Maximum discount of 20% on the determined price tariffs.
- Price tariffs determined for minimum 4-month and maximum 6-month periods (Article 38 of the By-Law on Road Transport).



## Road Prices

### ➤ Responsible Ministries:

- Vehicle tax: Ministry of Finance
- Transit passage fee: Ministry of Transport
- Toll: Ministry of Public Works and Settlement



## Road Prices (CONT'D)

### Legislation on Vehicle Taxes:

- Law on Motor Vehicle Tax No. 197
- Law on VAT No. 3065
- Law on Excise Duty No. 4760



## Road Prices (CONT'D)

### ➤ Motor Vehicle Tax Law:

- Annual tax
- Levied on registered vehicle owners, independent of use of kilometres driven
- Criteria for Heavy Goods Vehicles' Tax: Maximum total weight and age of vehicles



## Road Prices (CONT'D)

- Motor vehicles are classified into two categories in terms of motor vehicle tax:
  - 1st tariff : cars, special utility vehicles and motorcycles,
  - 2nd tariff: minibuses, panel vans, motorized caravans, busses, pickups, trucks etc.



AGENDA ITEM I: LAND TRANSPORT/ROAD/Prices and Fiscal Conditions

Engine Cylinder Capacity (cm <sup>3</sup> )	1 st Tariff				(Euros)
	1 – 3 year(s)	4 – 6 years	7 – 11 years	12 – 15 years	16 years and up
<b>1- Cars, Special Utility Vehicles etc.</b>					
under 1300 cm <sup>3</sup>	184,84	129,08	73,33	55,15	21,82
between 1301 – 1600 cm <sup>3</sup>	295,13	221,20	129,08	92,12	36,36
between 1601 - 1800 cm <sup>3</sup>	517,54	406,04	239,99	147,26	58,18
between 1801 – 2000 cm <sup>3</sup>	813,28	628,45	369,67	221,20	88,48
between 2001 – 2500 cm <sup>3</sup>	1.219,93	887,22	554,51	332,71	132,72
between 2501 – 3000 cm <sup>3</sup>	1.701,11	1.479,30	924,79	498,76	184,84
between 3001 – 3500 cm <sup>3</sup>	2.589,54	2.330,16	1.404,76	702,38	258,77
between 3501 - 4000 cm <sup>3</sup>	4.069,45	3.514,33	2.071,39	924,79	369,67
4001 cm <sup>3</sup> and up	6.658,99	4.994,24	2.959,21	1.331,43	517,54
<b>2- Motorcycles</b>					
Between 100 - 250 cm <sup>3</sup>	36,36	29,09	21,82	14,54	7,27
Between 251 - 650 cm <sup>3</sup>	73,33	55,15	36,36	21,82	14,54
Between 651 - 1200 cm <sup>3</sup> ,	184,84	110,30	55,15	36,36	21,82
1201 cm <sup>3</sup> and up	443,61	295,13	184,84	147,26	73,33





## AGENDA ITEM I: LAND TRANSPORT/ROAD/Prices and Fiscal Conditions

Types of Vehicle and Seat Capacity Maximum Total Weight	2 nd Tariff			(Euros)
	1-6 year(s)	7-15 years	16 years and up	
<b>1) Minibus</b>	221,20	147,26	73,33	
<b>2) Panel van and motorized caravans (engine cylinder capacity)</b>				
1900 cm <sup>3</sup> and under	295,13	184,84	110,30	
1901 cm <sup>3</sup> and up	443,61	295,13	184,84	
<b>3) Busses and etc. (seats)</b>				
up to 25 persons	554,51	332,71	147,26	
between 26-35 persons	665,41	554,51	221,20	
between 36-45 persons	739,35	628,45	295,13	
46 persons and up	887,22	739,35	443,61	
<b>4) Pickup, truck and etc. (Max.Total Weight)</b>				
up to 1.500 kilos	199,38	132,72	66,06	
between 1.501-3.500 kilos	398,76	232,71	132,72	
between 3.501-5.000 kilos	598,75	498,76	199,38	
between 5.001-10.000 kilos	665,41	565,42	266,04	
between 10.001-20.000 kilos	798,13	665,41	398,76	
20.001 kilos and up	998,12	798,13	465,43	



## Road Prices (CONT'D)

### Transit Passage Fee;

- MoT is responsible for determination and implementation
- Law on Road Transport No. 4925, Article 16 (Official Gazette: 19 July 2003, no 25173)
- From foreign vehicles at borders
- Exemption via bi-lateral agreements
- Fee= gross weight of truck (tonnes) x kilometres x EURO 0.01



## Road Prices (CONT'D)

### Highways

- General Directorate of Highways (Ministry of Public Works and Settlement) is responsible for construction, maintenance and operation of roads.
  
- The road network of General Directorate of Highways covers:
  - Motorways : 1775 km
  - State roads : 31371 km
  - Provincial roads : 30568 km
  - 63714 km in total



## Road Prices (CONT'D)

### Toll Roads

- Motorways
- Istanbul Strait bridges



## Road Prices (CONT'D)

### Legislation for Tolling

- Law on Establishment of General Directorate of Highways No. 5539 (Official Gazette: 16 February 1950, no 7434)
  - Article 15 : The Minister of Public Works and Settlement has the authority for defining tolls
  - Article 21 : Enforcement on toll evaders



## Road Prices (CONT'D)

### Legislation for Tolling

#### ➤ Detail definitions:

- By-Law on Istanbul Strait Bridge Operation  
(Official Gazette:03 June 1977, no 15955)
- By-Law on Motorway Operation
- Ministerial Approvals



## Road Prices (CONT'D)

### Toll Rate

- Toll varies by;
  - Vehicle class for open type toll systems
  - Vehicle class and distance travelled for closed type motorways
- Vehicle classification;
  - 1 to 5 vehicle class
- Classification criteria : Axle number and distance
- Same toll rate for national vehicle and foreign vehicle



## Road Prices (CONT'D)

- Toll revenue;
  - General Directorate of Highways → General Budget
- Toll exemption;
  - Ambulances of Ministry of Health  
Cabinet Decree No: 2003/6254, 23 September 2003  
(Official Gazette: 23 October 2003, no 25268)
- Toll discounts;
  - Non-stop Electronic Toll Collection System (ETC)  
and contactless card subscribers: 20% discount
  - Motorcycle (contactless card subscriber): 30% discount





## Interoperability

### Toll Facilities

- 2 open type bridges
- 7 closed type motorways
- 80 toll stations on motorways and Istanbul Strait bridges
- 756 lanes in total



## Interoperability (CONT'D)

### Payment Instruments on Toll Roads;

- Manually operated toll system
- Contactless smart card system
- Non-stop ETC system



## Interoperability (CONT'D)

### Non-stop ETC Features;

- In operation since 30 June 1999
- Centralized structure
- Dedicated lane
- Bank is the clearance house of system
- Direct debit from bank account



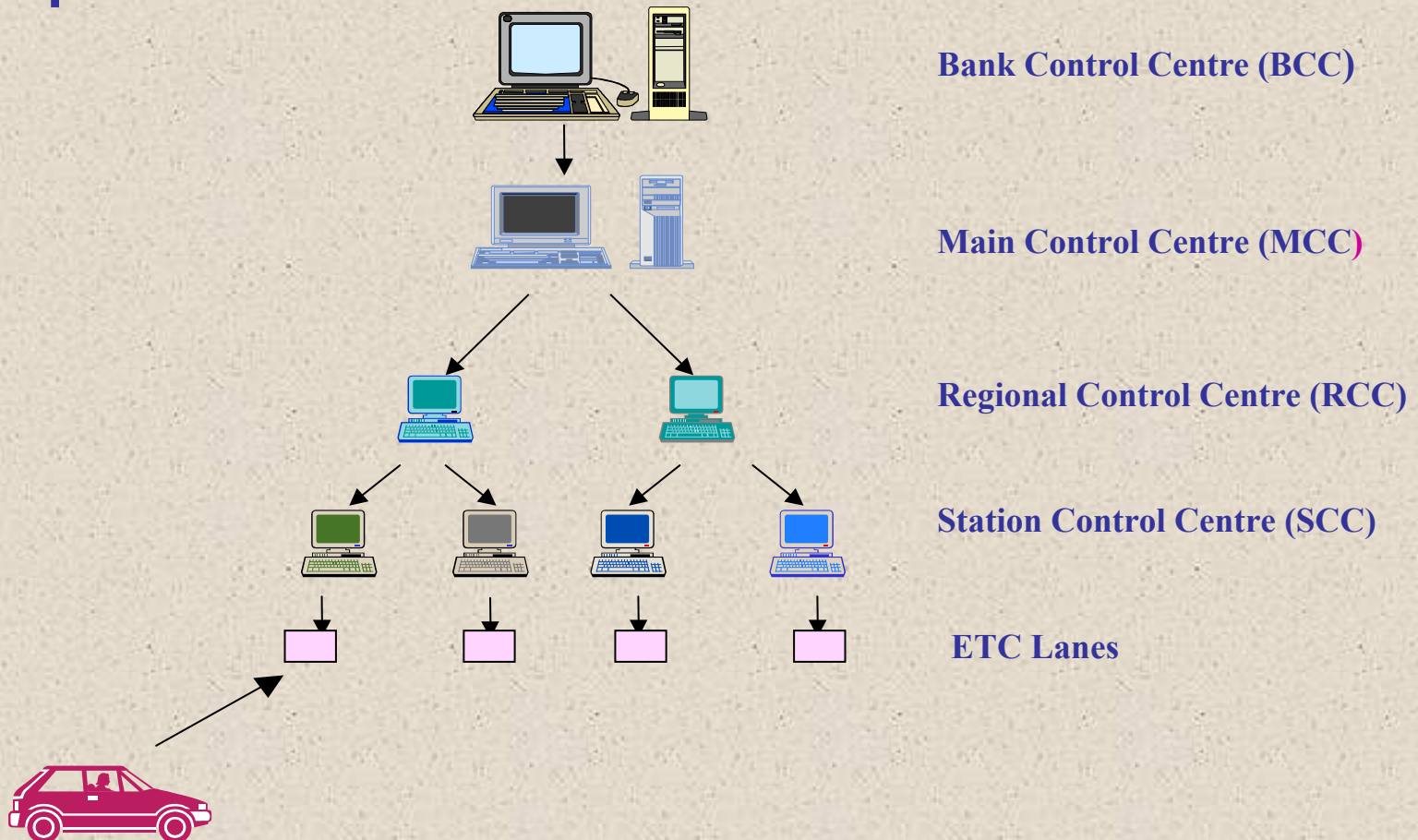
## Interoperability (CONT'D)

### Non-stop ETC Features;

- Nationwide interoperable in closed type motorways and open type Istanbul Strait bridges
- Over 850.000 tags are in use
- Tags in use are provided from two different manufacturers
- Totally four tags of different manufacturers are compatible with non-stop tolling system

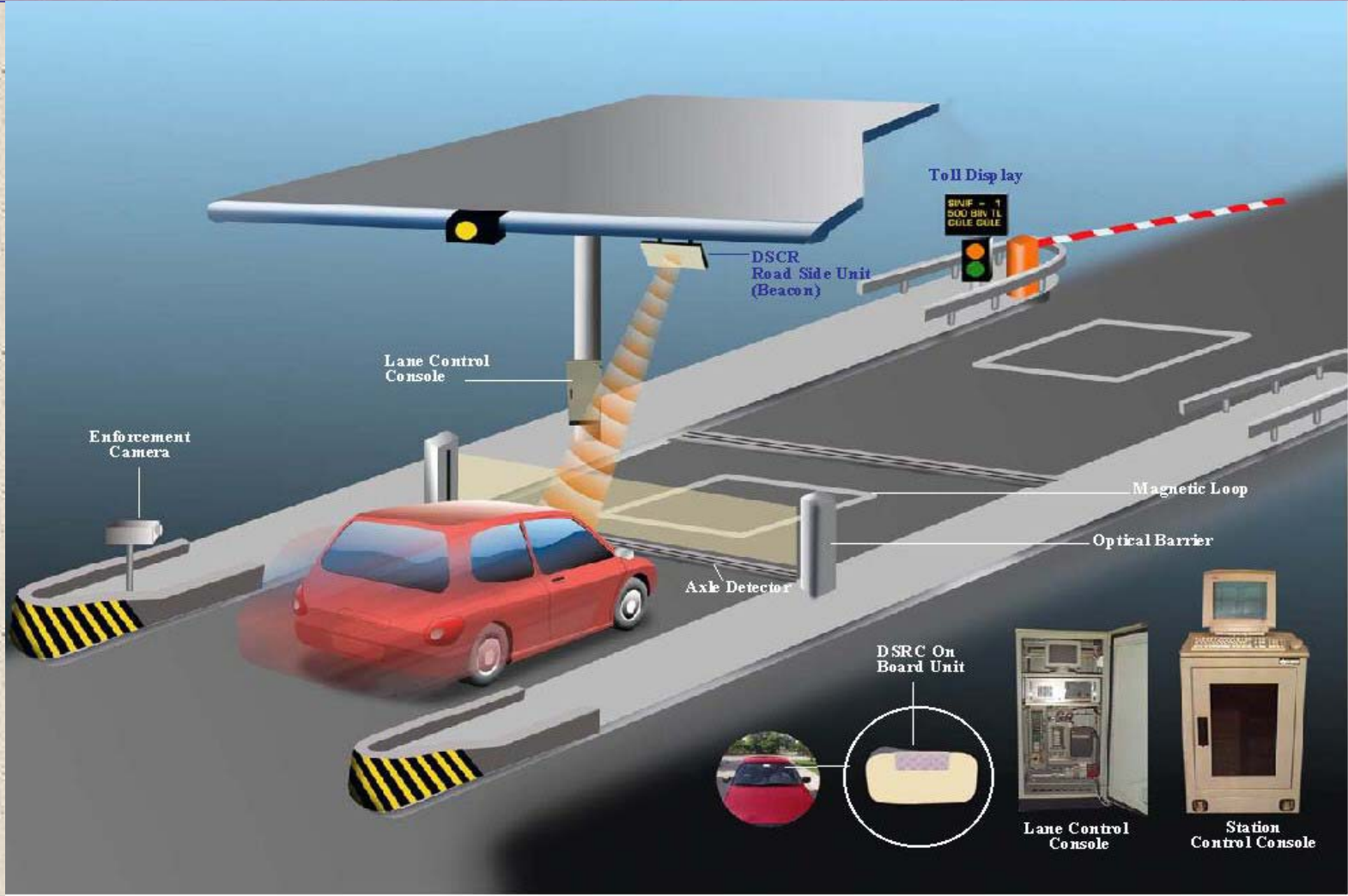


# Non-stop ETC





# Lane





## Interoperability (CONT'D)

### DSRC

- Compliant with CEN TC 278
- 5.8 Ghz
- 5 Mhz each channel
- 500 kb/s downlink
- 250 kb/s uplink

## Interoperability (CONT'D)

### On-board Unit

- Back scattered
- Battery powered
- R/W type
- Holder mounted
- One piece of tag







## Interoperability (CONT'D)

### Vehicle Classification

- Post classification
- Axle number and distance
- Optical separators, treadle, magnetic loop
- 5 vehicle classes



## Interoperability (CONT'D)

### Vehicle Classification

- 1st class: Vehicle with two axles and axle distance smaller than 3.2 m.
- 2nd class: Vehicle with two axles and axle distance larger than or equal to 3.2 m.
- 3rd class: Vehicle with three axles
- 4th class: Vehicle with four or five axles
- 5th class: Vehicle with six or more axles



## Interoperability (CONT'D)

### Enforcement

- Camera capture
- Toll evader
- Violators are penalized by 10 times the maximum tariff for that station.



\*\* GKM \*\*  
Medre : Ana Kontrol Merkezi - İstanbul / 1 - Otoyol : İsmi Çama Otoyolu / 22 - İstasyon : Sabi / 54 / 1

Raporlar

### Plaka Numarası Girişi

Girilecek Plaka Numaraları  Girilmiş Plaka Numaraları



**GİRİŞ**  
No Göz  
20

**ÇIKIŞ**  
No Göz  
1

**GİRİŞ :**  
Otoyol : 0 -  
İstasyon :  
Tarih - Saat : / /

**ÇIKIŞ :** **Giçe No : 1**  
Otoyol : 0 - 32  
İstasyon : 1  
Tarih - Saat : 28/04/1999 14:15:45

**Hesap No :**  
**Etiket Sınıfı :**  
**OST Sınıfı :** 99  
**Plaka No :** [ ]

**Açıklama :** Etiket Yok

Plaka Girişi Formu

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