



# Periodical Technical Inspection in Egypt, Present and future

Sustainable Transport Challenges



Project funded by the  
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Traffic Information Technologies  
Ministry of Interior, Egypt

EuroMed Transport  
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## Transport and development





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# Sustainable transport challenges in EGYPT



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# Economic Losses due to Traffic crisis

## Direct losses

The cost of wasted time due to  
Traffic congestion

The increase of fuel  
consumption

Traffic accidents



**Loss = 84.33 Billion EGP / Year**

**Loss = 23.33 Billion EGP / Year**

**Loss = 67.5 Billion EGP / Year**

**With total loss :**

**175.16 Billion EGP / Year**



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## Indirect losses

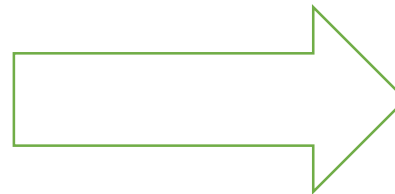
The Cost of missed opportunities in the following fields

Public Transportation support

Tourism sector

Freight transport

Bad impact on industry ,  
agriculture .... Etc.



With total loss :  
**252.7 Billion EGP / Year**



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**With a total loss for the Egyptian national economy**  
**428 Billion EGP / Year**



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# Facing the challenges



- **National Roads Project 7263 km in three phases , about 50% has been completed and the rest in the next three years.**





- Urban planning and horizontal expansions.

New administrative capital of Egypt - new Alameen city – new Ismailia city - new Mansoura city ...etc.



- Transportation management plan

Encourage the investment in public transport .



# Organizing , planning and Traffic management

- Digital transformation in control and licensing.
- Traffic law (Amendment ).
- Driving training centers .
- Technical Inspection stations .

# PTI Periodical Technical Inspection

Status - Challenges - Plans

# Status

- 22% of traffic accidents are due to vehicle defects .
- 25-40% of Air pollution in the central sector are due to vehicle emissions .
- (Traffic congestion and low speed )  
12km/h are the average vehicle speed in the central part of the capital, the main reason is vehicle defects.

# Challenges

- Aging of transport fleet
- Lack of Periodic maintenance
- Faulty and fake spare parts
- Lack of technical workshop (service centers or unqualified workshops)
- The Deficiency of the present compulsory vehicle technical inspection , as it is a visual inspection and it depends on the technical engineers experience.

After reviewing the international experiences and good models dealing with this issue we have found the following :

1. Vehicle technical inspection
2. Type approval
3. Spare parts system efficiency
4. Develop the transport fleet and the Execution of old vehicles
5. Settings and tune up
6. The compulsory inspection quality

The main focal point of this presentation is to develop the compulsory inspection



# Plans

- The PTI project was carried out in coordination with the General Organization for Standardization and Quality and the Egyptian environmental affairs agency (EEAA)

## PTI is Divided into three parts

1<sup>st</sup> : security inspection

(chassis - motor- passengers number- dimensions .....etc.)

2<sup>nd</sup> : visual inspection

Consists of (shape – body – structure – tires – safety requirements like seat built .....etc. )

3<sup>rd</sup> : inspection using devices

Consists of (environmental , lights , suspension , brakes and side slip )  
inspections

- A committee was formed from the General Department of Traffic Information technology and EEAA, that prepared and completed the conditions and specifications pamphlet
- Nine suitable properties have been provided with coordination with traffic departments in 9 governorates for establishment of giant technical inspection stations .
- With Coordination with the General Administration of Engineering Affairs to approve the engineering drawing of the station that should be establish in Port Said Governorate .

- The alternatives for the implementation of the project , including the participation of the private sector according to Ministry of interior guidance to take necessary action on the procedures of the offering.

Many thanks to the Euromed experts And all the attendants for their co-operation and we hope for further collaboration of sustainable training plans to our police officers and technicians especially in the fields of (operating , management and supervision) until witnessing the establishment of these stations and we cordially invite the international private sector to participate in the project.

Questions ?



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# THANK YOU FOR YOUR ATTENTION