Low emission transport services
Issues to be discussed

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Egypt
Cairo congestion study

Total split

- Private Car: 2405 (70%)
- Taxi: 503 (15%)
- Microbus & Minibus: 188 (5%)
- Big Bus: 61 (2%)
- Small Truck: 247 (7%)
- Heavy Truck: 51 (1%)

Total: 3445
Metro Network

• The first underground metro line in Africa, the middle east and the Arabian area was in Cairo.

• It has been recorded this priority to use this kind of the advanced, safe and express means of mass transport in 1983.

• Till now NAT National Authority for tunnels has implemented over then 83 Km of underground metro lines where the required and relevant utilities investments have reached about 23 billion pounds.
Why Metro Network

• Meeting the huge transportation demands along Greater Cairo Region
• Reduction of the traffic density of the other means of transportation with a rate equivalent to 3.5 M passenger/day
Metro Network

![Metro Network Map]

**Greater Cairo Metro Line 3**

- **Total length**: 45.5 km
- **Number of stations**: 36

**Phases**:
- **Phase 1**: 4.3 km (Inaugurated)
- **Phase 2**: 7.7 km (Under construction)
- **Phase 3**: 17.7 km (Teider stage)
- **Phase 4**: 15.8 km (Under study)
Metro Network

8% increasing in passenger annual gross
<table>
<thead>
<tr>
<th>Operated Lines</th>
<th>Under Construction</th>
<th>Planned</th>
<th>Total Cairo metro network capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Line 1</td>
<td></td>
<td></td>
<td>in 2025 8.9 m Passengers / Day</td>
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<tr>
<td>1.5 m Passengers / Day</td>
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<td>Line 2</td>
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<td>1.2 m Passengers / Day</td>
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<td>Line 3</td>
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<td>1.7 m Passengers / Day</td>
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<td>Line 4</td>
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<tr>
<td>2 m Passengers / Day</td>
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<td>Line 5</td>
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<td>1.25 m Passengers / Day</td>
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<td>Line 6</td>
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<tr>
<td>1.25 m Passengers / Day</td>
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</tbody>
</table>
Social Consideration

Metro lines ticket with unified price is 1 LE

1 LE = 0.10 $
Women Consideration

2. Specified coaches in the middle of Metro near the escalators for women only.
Women Consideration

العربة مخصصة للسيدات

This coach is for Women Only
Women Consideration

This coach is for Women Only from 6 am to 9 pm

العربة مخصصة للسيدات حتى التاسعة مساءً
Public transport services in Cairo

Current efforts

• Renew public fleet
• Expand line services to New communities
• Need more solutions
Modal shift solutions

- It is very important to consider social effect with modal shift

- It is not only modal shift, it is a job shifting

- Solution must cover integrated solutions
Bicycle
Governmental effort in cycling

• Project have been conducted with cooperation between Ministry of environment and UNDP for promoting cycling in both Fayom Governorate and shbeen Elkom city.

• By Facilitate funds for supporting owning a bicycle and lane infrastructures.
Many Non governmental association promoting cycling
Why youth use Bicycle

• To keep healthy
• Enjoying
Constrains

- No specified lanes for bicycle in the Middle of Cairo.

- Youth use bicycle in the day off, holidays
Constrains

- Hot weather (6 month of hot weather)

- Youth use bicycle in the early morning or after 5 pm
Opportunities

E Bicycle to Center of Cairo

Bicycle inside New communities