NAT Projects
Introduction

In Operation Lines

Under Construction Projects

Under Study Projects
Cairo

Greater Cairo


Population

Expect 25 million in 2020

Total No. of current transportation trip

25 Million Trip / day
The No. of current transportation trip

Total No. Public Transport trips
2022

35 Million Trip / day

Metro trips
9 Million trip/day

Total No. Public Transport trips
2016

25 Million Trip / day

All means of public transport
25.7 Million trip/day
Greater Cairo Metro lines (until 2030)

Greater Cairo Metro

Line 1
Line 2
Line 3
Line 4
Line 5
Line 6

Intermodel Stations
Intersection Stations

Rod El-Farg Multimodal Station
Connecting Ph3 of Line 3 with Rod El-Farg corridor

Adly Mansour Multimodal Station
Connecting Ph4 of Line 3 with 10th Ramadan bus stop

6th October Multimodal Station
Connecting Ph1 of Line 4 with 6th October Supper tram

El-Moneeb Multimodal Station
Connecting Ph5 of Line 2 with Upper Egypt transportation means

New Marge
Shoubra El-Kheima
El-Khosous
New Marg

Cairo Airport
Rod El-Farg
Helmayet El-Zaiton
Haroun
El-Sahel
Monieb
Naser
Sadat
Attaba
Cairo Univ
El-Ashgar
El-Rehab
Al-Wafaa we Al-Amal
New Madie
October Multimodal Station
Connecting Ph1 of Line 4 with 6th October Supper tram

To Helwan
LINE 1

Line length: 44 km (4.7 Km Tunnel)
No. of stations: 35 stations (5 underground + 30 On Grad)
Real No. of passengers/day: 1.4 (million p/day)

**PHASE 1** (Helwan - Ramses)
- Inauguration: 1987
- Length: 28 km

**PHASE 2** (Ramses – ElMarg)
- Inauguration: 1989
- Length: 14.5 km

**Extension** (Marg - New El marg)
- Length: 1.3 km
The aim of the project:
Studies and designs have been completed to UPGRADING line 1 improve the headway and the level of passenger service by consulting Systra and it divided into:

Purchase rolling stock units
Rehabilitation rolling stock units

Develop signal system
Development of central control systems
Development of telecommunication systems
Renovation of the railway works
LINE 2

Line length: 21.6 km (13 Km Tunnel)
No. of stations: 20 stations (12 underground + 6 On Grad + 2 Elevated )
Real No. of passengers/day: 1.1 (million p/day)
Cost : 9 (billion EGP)

**PHASE 1** (Shubra El-Khiema – Al-Shohada’á station)
- Length 8 km  - Inauguration 1996

**PHASE 2** (Al-Shohada’a – Sadat station)
- Length 3 km  - Inauguration 1997

**PHASE 3** (Sadat - Cairo University station)
- Length 5.5 km  - Inauguration 1999

**PHASE 4** (Cairo University - Um El-Massriyen station)
- Length 2.7 km  - Inauguration 2000

**PHASE 5** (Um El-Massriyen – Monib station)
- Length 2.6 km  - Inauguration 2005
Line 3

Greater Cairo Metro
Greater Cairo Metro Line 3

TOTAL LENGTH OF LINE 3: 47.87 KM
NUMBER OF STATIONS: 37

Phase 1: 4.3 Km - In Operation
Phase 2: 7.7 Km - In Operation
Phase 3: 17.7 Km - Tender stage
Phase 4: 18.17 Km - Under study

TOTAL LENGTH: 47.87 Km
NUMBER OF STATIONS: 39

NAT
Greater Cairo Metro
Line 3
Total length 47.87 Km
No. of station 39
Phase 1 of Line 3
This Phase consists of 5 underground stations and 4 annexed structures
The length of Phase 1: 4.3 km
- Inauguration on 21/2/2012
Phase 2 of Line 3
Line 3 – Phase 2 (Abasia – Alahram)

The length of Phase 2: 7.7 km & No. of stations: 4 stations & 7 annexed structures
The execution date 7/7/2009 & Inauguration on: May 2014
Under Construction Project
Line 3 – Phase 3

Total length **17.7 Km** – **15 Stations** Split as follows the duration of the execution **76 months**

**Phase 3A (Attaba / Kit-Kat)**:
Total length of **4 km**, includes **4 underground stations**
Opening Plan **57 months** after implementation (4/2022)

**Phase 3B (Kit-Kat / Rod El Farag Corridor)**:
Total length of **6.6 km**, includes **6 stations**
(1 Underground + 1 On-grade + 4 Elevated)
Opening Plan **10 months** after Phase 3A opening (2/2023)

**Phase 3C (Kit-Kat / Cairo Univ.)**:
Total length of **7.1 km**, includes **5 stations**
(3 Underground + 1 On-grade + 1 Elevated)
Opening Plan **9 months** after Phase 3B opening (11/2023)

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<table>
<thead>
<tr>
<th>Part</th>
<th>No. station</th>
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<tbody>
<tr>
<td>Underground</td>
<td>8</td>
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<tr>
<td>Elevated</td>
<td>5</td>
</tr>
<tr>
<td>On Grade</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>15</strong></td>
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</table>
Phase 4 consists of 15 stations “Haroun – Heliopolis Square -Alf Maskan - El Shams club- El Nozhah – HISHAM BARAKAT - Qobaa – Omar Ibn ELKhattab - El Salam "10th of Ramadan"- Cairo International Airport” with a total length of about 18.15 km
**Phase 4A** consists of 5 stations “Haroun – Heliopolis Square -Alf Masket - El Shams Club- El Nozhah – with a total length of about **5.15 km** Opening is Planned on **Dec. 2018**

<table>
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<th>Sec</th>
<th>Length</th>
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<tr>
<td>4A (tunnel)</td>
<td>5.15 Km</td>
<td>5</td>
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Phase 4B consists of 5 stations “Hisham Barakat -Qobaa – Omar Ibn ELKhattab – Adly Mansour with a total length of about 6.37 km Opening is Planned on Dec. 2019.
Phase 4C consists of 4 stations “Al Hegaz – Military collage – Masaken Sherton – Cairo Airport with a total length of about 6.65 km
Phase 1 and Phase 2 of Line 4
Line 4 is the based of connecting 6th of October and New Cairo with metro network. With total length about 45 km.
Total length 19 Km

<table>
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<th>Sec</th>
<th>Station</th>
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<td>Tunnel</td>
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Total length of Phase 1: 19 km & No. of Stations: 17
Under Study Projects
LINE 4 – Phase 2

Line 4 Alignment
Line 4 Workshop
LINE 6 (El-khosos- New Maadi)

<table>
<thead>
<tr>
<th>Total length</th>
<th>33 Km</th>
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<tr>
<td>No. of station</td>
<td>24 Station</td>
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<tr>
<td>No. of trains</td>
<td>33</td>
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<tr>
<td>Trans. Capacity</td>
<td>1.5 M Passenger/day</td>
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<tr>
<td>Estimate Cost</td>
<td>4.5 Billion $</td>
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Due to high capacity of line 1 passengers, So line 6 designed to be parallel with line 1 to reduce this capacity and serve the high population on this areas

MOU was signed between NAT and Bambardier company for the preparation of studies and designs and the construction of line 6 included the rolling stock and the systems necessary for operation and maintenance.
LINE 5 (Nasr City - Heliopolis – El Sawah- Rod El-Farag)

Total length: 24 Km
No. of station: 18 Tunnel
No. of trains: 50
Trans. Capacity: 1.25 M Passenger/day
Estimate Cost: 4 Billion $
(LRT)

Light Rail Train

10th Ramadan - Belbes - New Governmental city
A proposal to connect train track electrified Tenth of Ramadan with the new government capital
A proposal to connect train track electrified Tenth of Ramadan with the new government capital

- The project will be implemented through EPC+F contract by AVIC/CREEC contractor and financed by soft loan (1200 Million Dollars) from Chinese government (Exim Bank)
- The remaining cost will be financed from the state budget.
Phase 1: from Adly Mansour to the new Capital and 10 of Ramadan City passing the new cities on Cairo – Ismailia road with total length of 67.8 Km and 10 Station
Alexandria Tram

Tram El Raml Project
Transportation studies for Alexandria (the general strategic urban plan for Alexandria until 2032) were prepared in May 2015, which recommended the need to develop and modernize the mass transport modes in the city.

Total length 13.7 Km with 28 Station

NAT and APTA will be the owner.
### Tram El Raml Project

**Elevated**  ○  **Tunnels**  ○  **On Grad**  ○

**Estimate Cost**  **363 Million Euro**

<table>
<thead>
<tr>
<th>No.</th>
<th>Finance Authority</th>
<th>Value of funding (€ 1 million)</th>
<th>Financing Method</th>
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<tr>
<td>1</td>
<td>French Development Agency AFD</td>
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<td>2</td>
<td>European Investment Bank EIB</td>
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<td>3</td>
<td>European Commission to facilitate investment in neighboring countries NIF</td>
<td>8</td>
<td>Technical Support Grant</td>
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<td>4</td>
<td>The Egyptian budget</td>
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<td>Egyptian Treasury</td>
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Thanks