



vision of  
**Cairo 2050**  
Within a national vision of Egypt



**Video**

Cairo Future Vision 2050



- 01** Cairo within a national vision of Egypt
- 02** Why a vision for Cairo?
- 03** Points of strength and challenges in Cairo
- 04** Cairo citizens opinion and wishes
- 05** The vision & Its objectives
- 06** Basic Principles to achieve the vision
- 07** The strategic Sectors and Themes to realize the vision
- 08** Proposed projects to realize the vision



To Cairo Vision 2050



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Quality of life and Restoration of the Egyptian leadership

Humanity, Scientific, Agriculture, Tourism, Commercial, Industrial

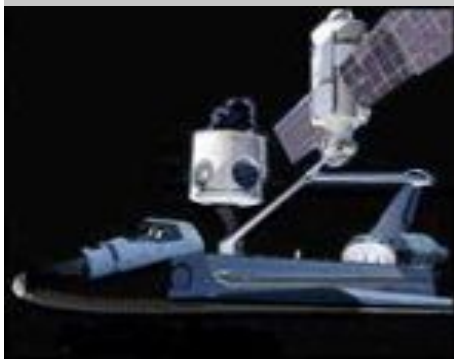
# 01

Cairo within a national vision of Egypt  
Cairo within Strategic Plan for **Egypt 2050**

## Objectives of the Egyptian vision:

**“In 2050, Egypt would become an advanced country (economically and socially) and acts effectively on the regional and international level**

- Raise quality of life standards to become one of the best 30 countries around the world instead of the current ranking (84) of the 100 countries.
- Raise human development standards to become one of the best 30 countries in the world instead of the current ranking (111) of the 180 countries.
- Raise quality of the Egyptian production (Made in Egypt).
- Reach higher rates in sustainable economic development (not less than 7.5% per year) .
- Achieve social equity (between different segments of society).
- Restructure the demographic distribution of Egypt, to enhance the benefit of Egypt's geographical location and its natural potentials.
- Build an integrated society in which all can enjoy the rights of citizenship.
- Maximize the effectiveness of Egypt's regional role on the Arab, Islamic, and African level.





## Main sectors of Egypt's vision 2050

**Population and Urbanization:** include land use, spatial distribution of population, housing, infrastructure, living services.

**Employment and Economy:** include job opportunities, economic activities, Geographical distribution, development and employment of resources, interaction with land and resources.

**Environment:** the quality of life, maintenance of non-renewable natural resources and rationalize their use.

**Human and Life:** (human development and quality of life) education, health, culture, tradition, essential demands and social security.



In 2050, Total population of Egypt will reach about 140 - 145 million inhabitant

| Indicator   | 2008 | 2050 |
|---|------|------|
| Total population ( by million)                        | 80   | 140  |
| Percentage of built up areas from total area of Egypt | 6    | 15   |
| Percentage of planning areas                          | 50   | 85   |
| Green area per capita (m2)                            | 1.5  | 15   |

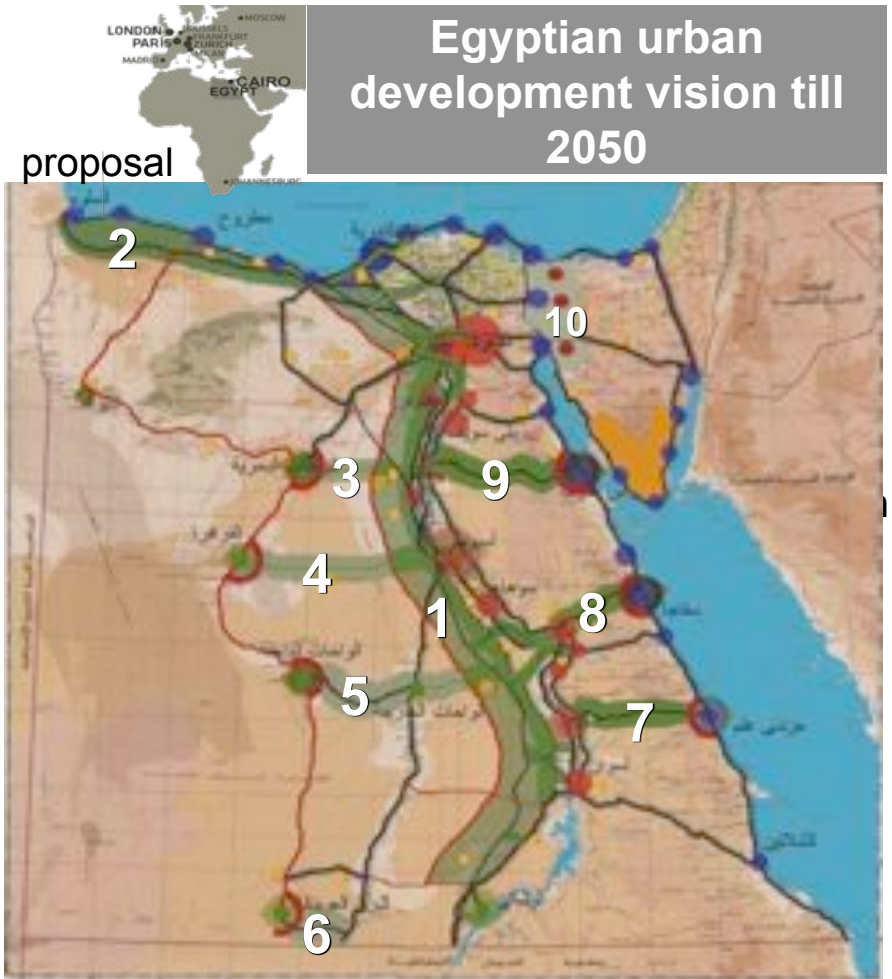
### Vision objective

- Achieve a balanced urban development (spatial, volume) by focusing on the development of small and medium-sized cities.
- Re-definition and formulation of the Egyptian countryside.
- Increase the inhabited area by 6% to 15% of the total area during the next four decades.
- Support the decentralization of management, planning and implementation.

### Vision orientation

- Limit the concentration of Cairo as unique pole through creating others poles.

Existing fabric



**Redistribution and decentralization by creating new poles all over the country regions / governorates**



**Urban development according  
to Egypt 2050 vision**

Determine a vision for each city in Egypt based on its strategic plan



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# 02

## Why a Vision for Cairo?





## Surplus of population in Greater Cairo Region

02

|             |                              |
|-------------|------------------------------|
| <b>2006</b> | <b>16 million inhabitant</b> |
| <b>2020</b> | <b>20 million inhabitant</b> |
| <b>2050</b> | <b>30 million inhabitant</b> |

The region accommodates : 22% of total population of Egypt  
: 43% of total urban population of Egypt





## Main problems of the Region

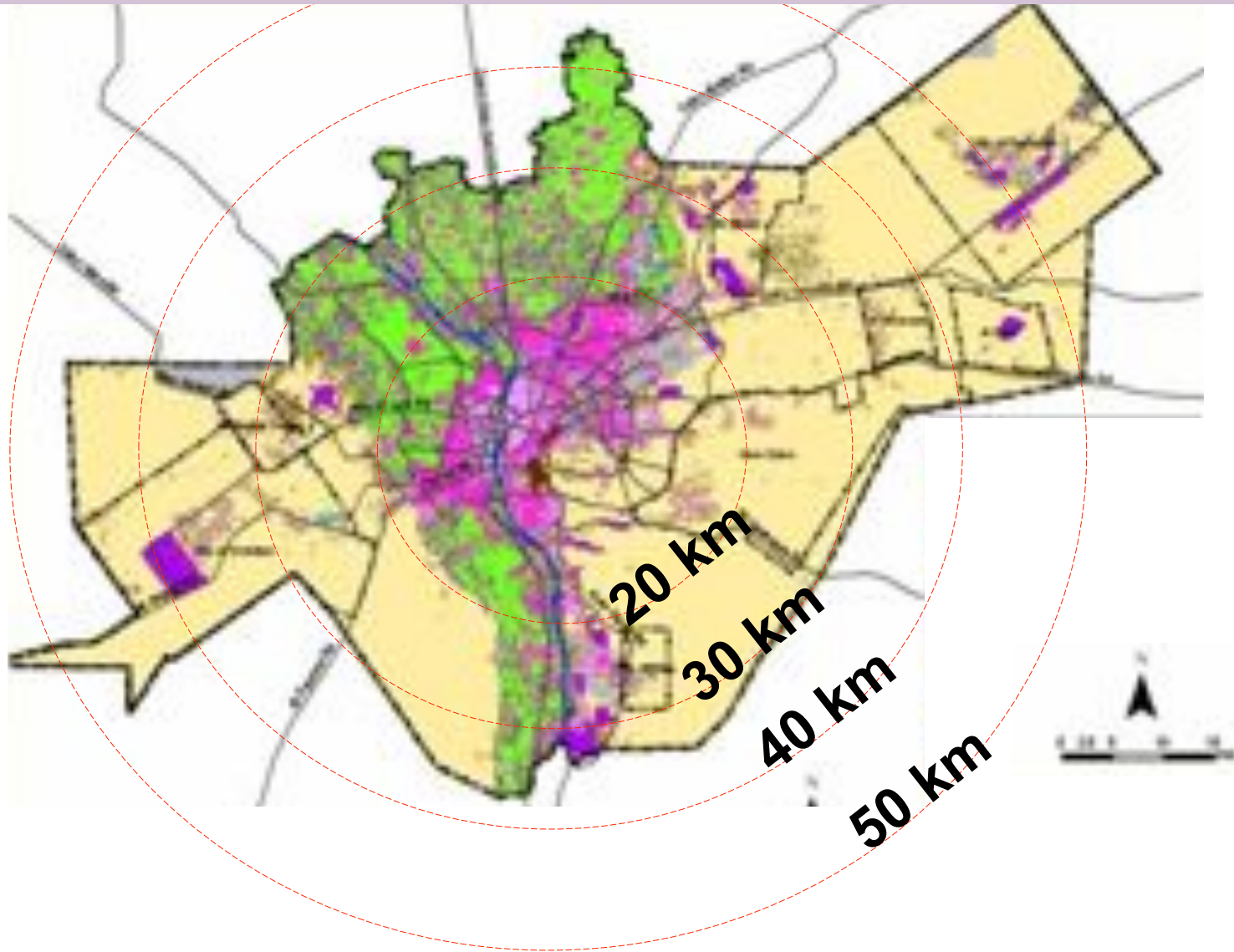
02

- High residential density in main existing agglomeration.
- Rising traffic congestion.
- Limit/mediocre use of culture and natural resources.
- Mediocre living condition in some areas.
- Limited green spaces ( $0.3 \text{ m}^2$  /person within the ring road and  $1.5 \text{ m}^2$ /person in the region as total).





More than 75% of inhabitant are living within 30km from the mass center

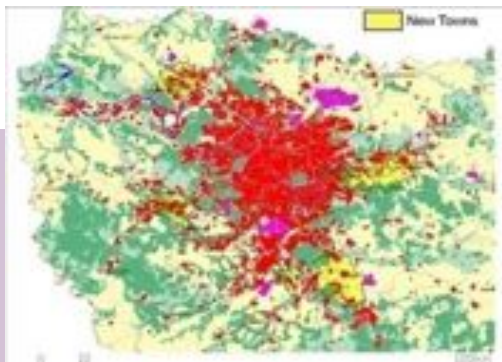






## Greater Cairo and metropolitan cities

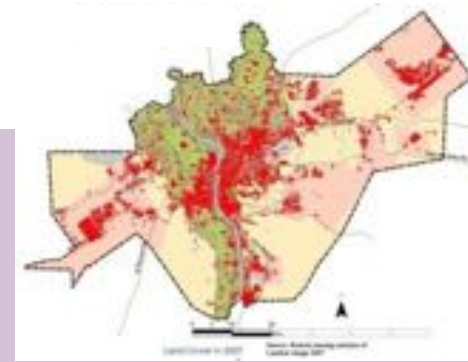
**The challenge is not the size, but the population distribution over the whole region area**



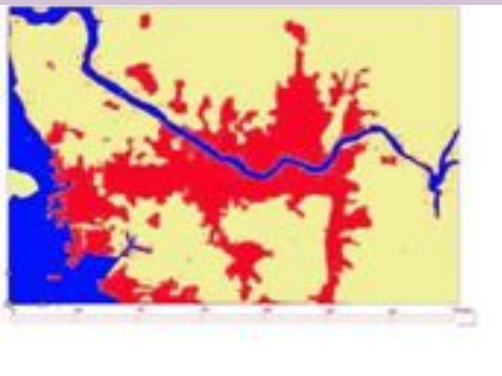
Paris 11 million



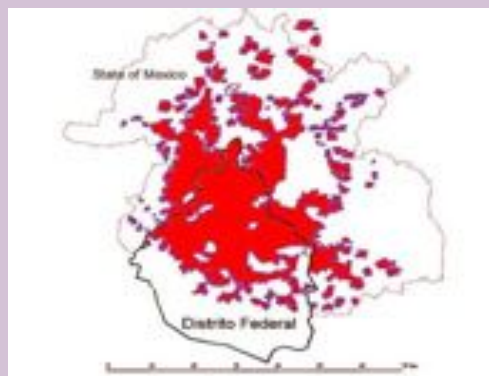
Tokyo 33 million



Greater Cairo region 16 million



Seoul 22.5 million



Mexico 16 million



New York 13 million



Cairo 2025

## Examples of some studies for the current situation of Cairo region within last 3 years

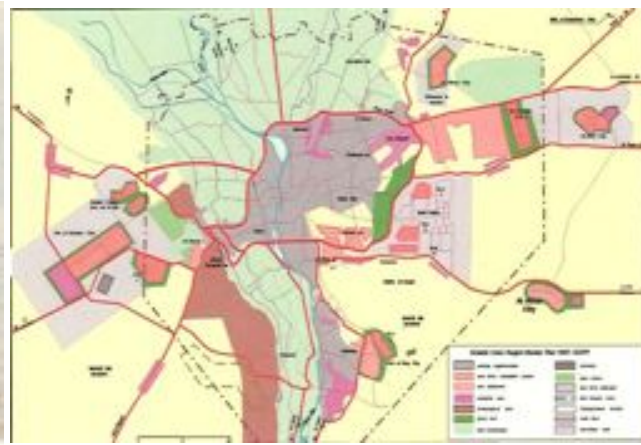
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**Execute Technical cooperation with national and international agencies/firms to elaborate studies, plans such as JICA and World bank, UNDP and UN-Habitat**

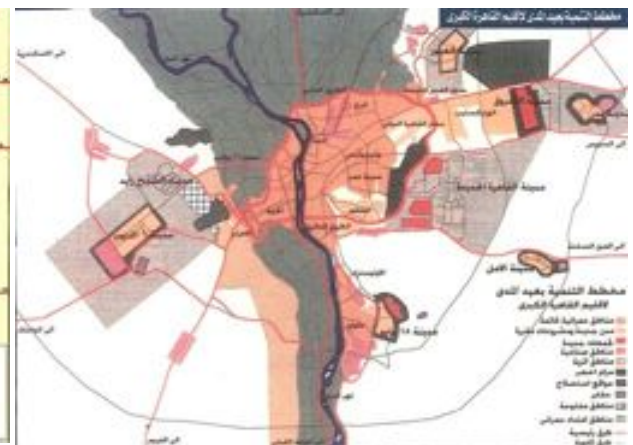
- Cairo needs new strategic plan based on sustainable principles.
- The need for massive and rapid shift in thinking and implementation to secure better life for current and future generations.



1982

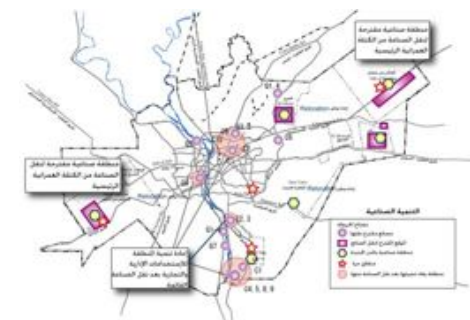
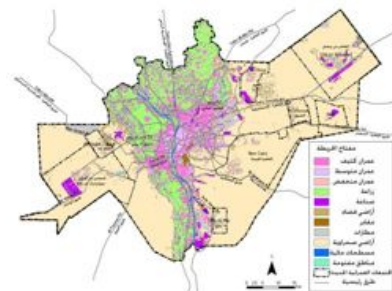
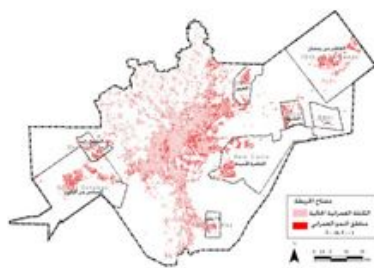
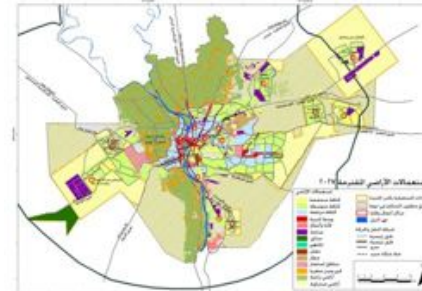
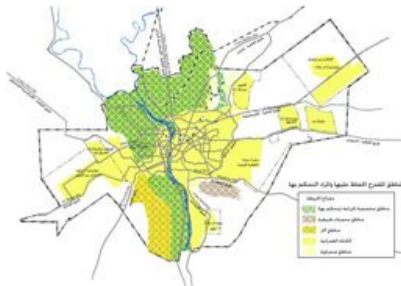
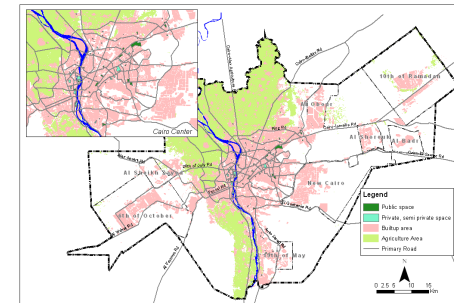
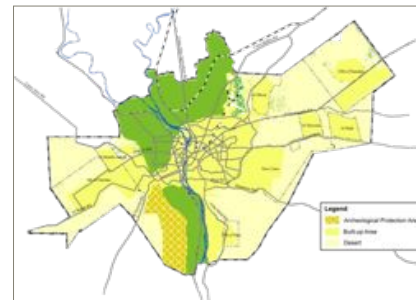
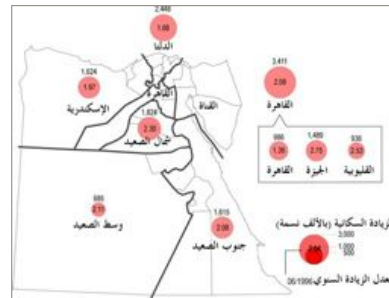
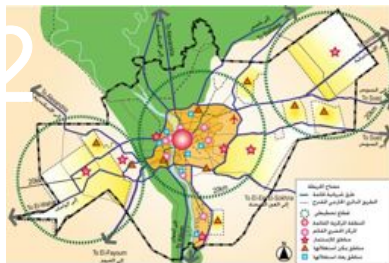


1991



1997

**Previous plans for G.C.R**



Studies done within the last 3 years to monitor current situation of Cairo city in all fields

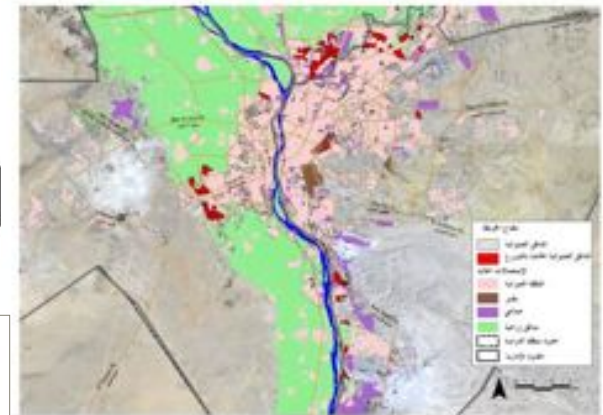
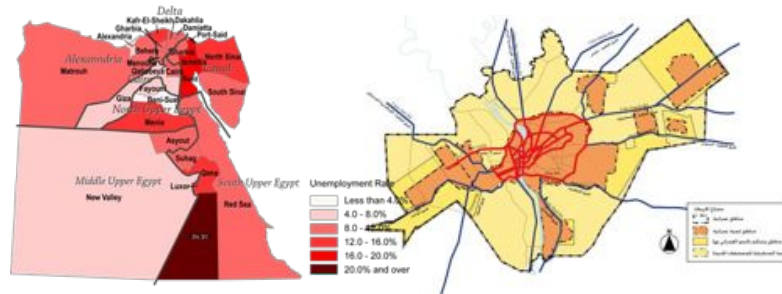




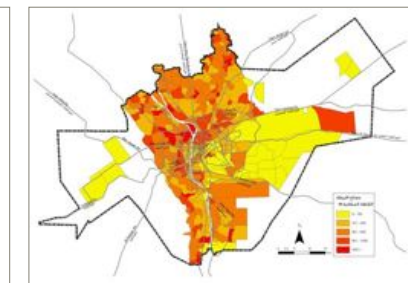
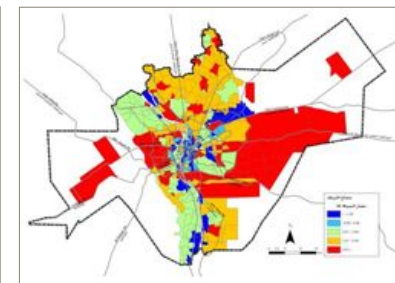
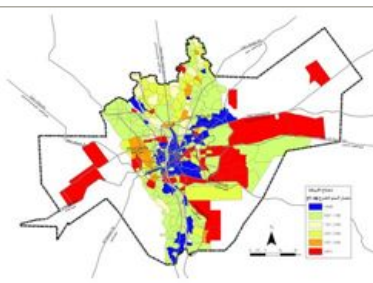
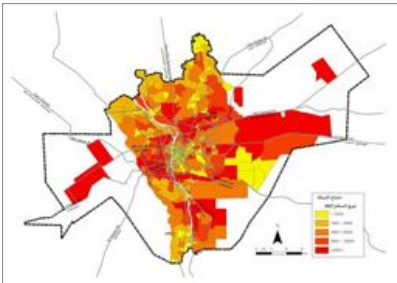
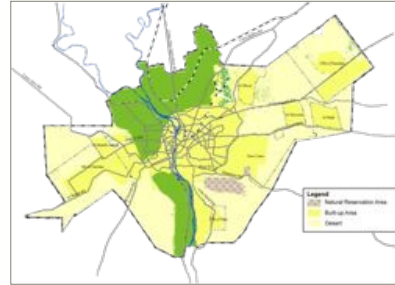
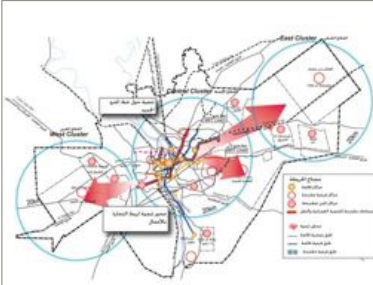
Cairo 2025

## Examples of some studies for the current situation of GCR

02



The selected future growth pattern



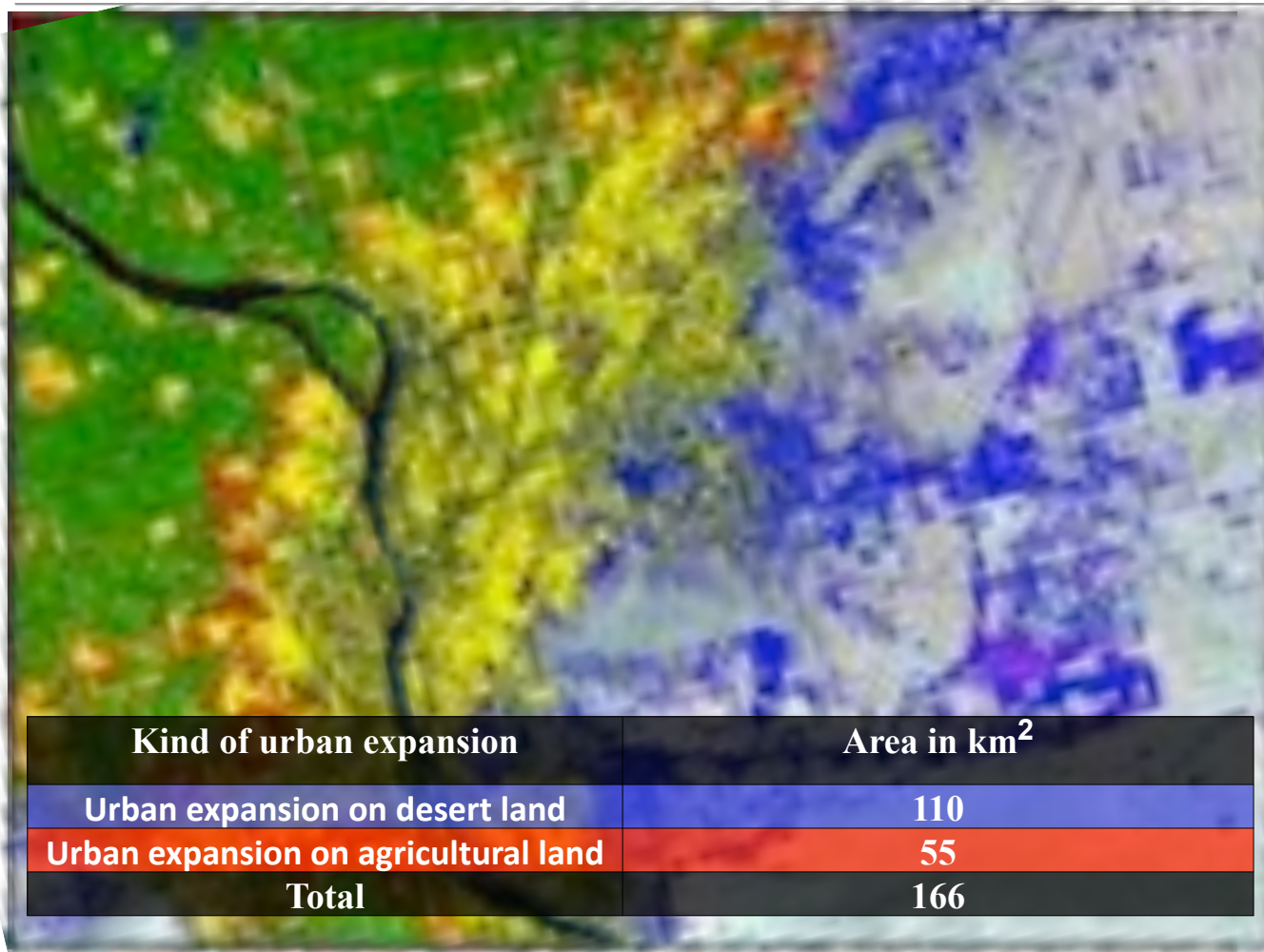
Studies done within the last 3 years to monitor current situation of Cairo city in all fields



## Cairo's urban development

Arial photo of Cairo - 1995

Arial Photo of Cairo - 2007



- Urban expansion on desert land
- Urban expansion on agricultural land
- Urban areas
- Agricultural areas

| Kind of urban expansion              | Area in km <sup>2</sup> |
|--------------------------------------|-------------------------|
| Urban expansion on desert land       | 110                     |
| Urban expansion on agricultural land | 55                      |
| Total                                | 166                     |



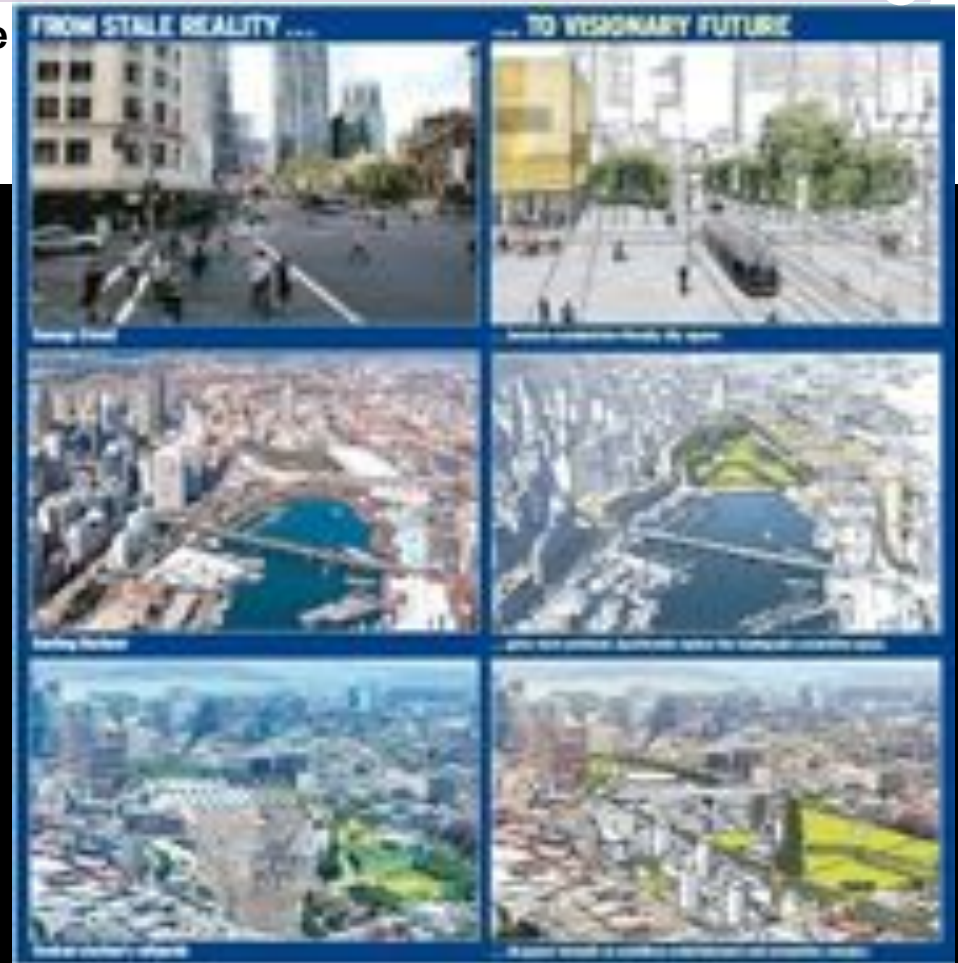
## Why a vision for Cairo?

02

Through review/study international experience  
as a case studies



## World Cities Visions



Sydney 2030

## Why a vision for Cairo?

02

Through review/study international experience as a case studies



Paris 2020



London 2020



Abu Dhabi 2030



Singapore 2050



Shanghai 2050





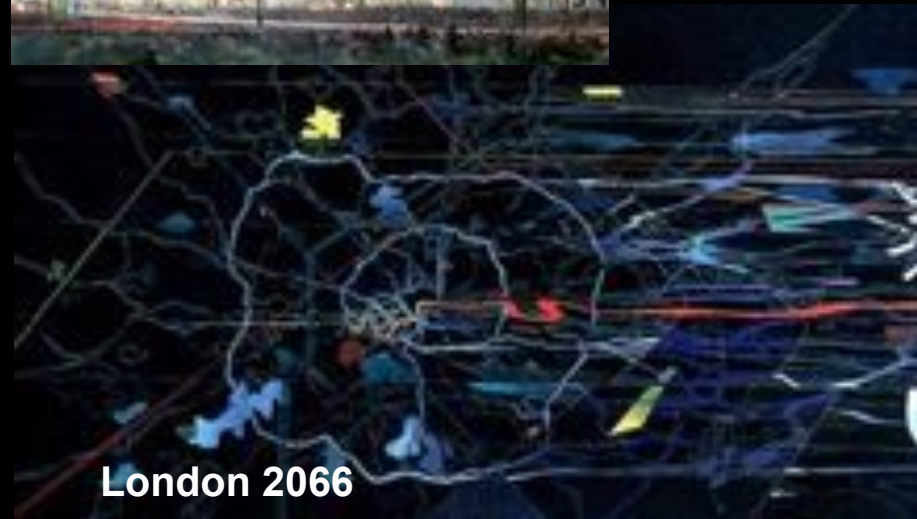
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02

Through review/study international experience as a case studies



Tokyo 2050



London 2066



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# 03

## STRENGTHS AND CHALLENGES

## **Points of strength and challenges in Cairo**

**03**

### **Inhabitant:**

**One of the largest cities in the world in the labor force, large markets and purchasing power**

### **Economy:**

**High rate of Egyptian GDP and a strong contribution in the national economy**

### **Heritage & tourism structure :**

**Pharaonic , Coptic, Islamic period**

**Nile river , oasis , natural resources**



## **Points of challenges of Cairo**

**03**

### **Inhabitant :**

**One of the highest population densities of Metropolis in the world**

### **Economy :**

**High rate of Unemployment (7%)**

### **Urban fabric**

- **More than 75% of population living within 30 km from the city center**
- **More than 40% of urban areas are illegal settlement**



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# 04

## Cairo citizens opinion and wishes WHAT THE COMMUNITY SAID?

community  
opinion

Cairo citizens want their  
city.....

Video



**Draft of Cairo vision 2050 - Community's opinion on the future of Cairo**

04

**Equity city on all citizens levels..**

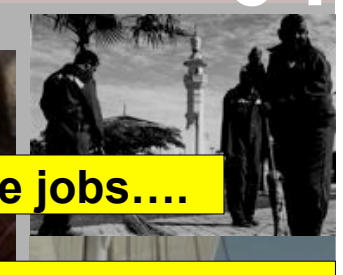
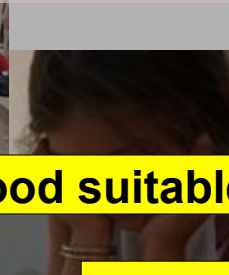
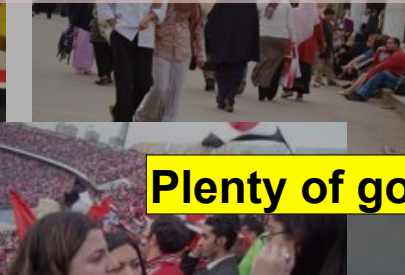
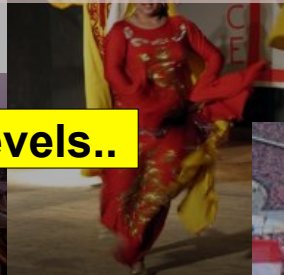
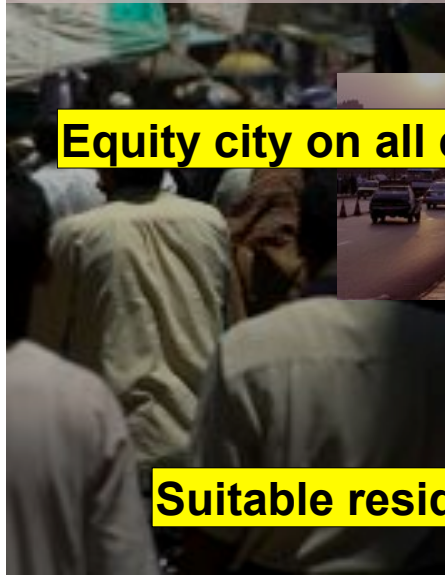
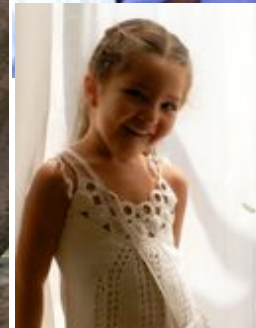
**Plenty of good suitable jobs....**

**Clean city....**

**Plenty of parks...**

**Suitable residential areas..**

**Provide jobs....**





## Wide streets and parking areas

## City without microbus...

## Without pollution and congestion

## Good transportation, not crowded

**plenty of open areas and parks**

**Integrate and linked with others cities all over the world**



## Community's opinion on the future of Cairo

04

People citizens wants the city



1. Economically prosperous with jobs opportunities to its inhabitant.
2. Has a tourist, culture leading role in the region and all over the world.
3. Vibrant, place for every one.
4. Plenty of vibrant cultural activities.
5. Secure and safe city.
6. Interconnected, filled with green spaces.
7. Provide good living conditions for all citizens.
8. Clean city.
9. Although of its density it is not congested, available of all means of quality of life.
10. Provide adequate housing for all different society levels.
11. Provide all modern means of transportation at reasonable prices that suit all society levels.

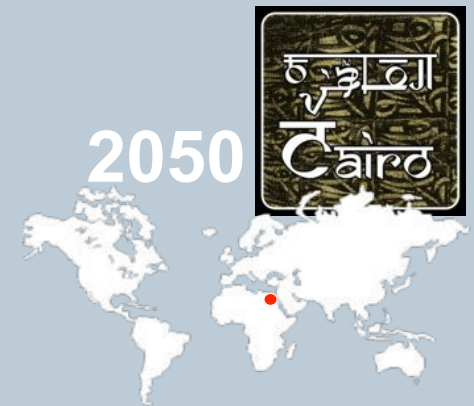




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# 05

## The Vision and its objectives



# The vision

**Sustainable development vision for Cairo 2050 and beyond,  
Includes social, cultural and economic fields integrated with urban field.  
With good Governance, we can achieve the best results for current and future generations**

**Cairo international-green-integrated**



# The vision

City ..international-green-integrated

1. African gate and one of the best Middle Eastern capitals.
2. Regional and international pole for: political, administrative, cultural, tourism and economical sectors.
3. Capital of world heritage with all its historical heritage.
4. Act effectively in the global culture networks and an active partner in the global knowledge exchange.
5. Includes tourism and commercial activities and high level business.
6. Includes social, cultural and tourism institutions to protect, attract different talents.
7. Global city with high technology.



# The vision

## City ..international-green-integrated

1. Good living condition for its citizens (to be among the 30 best cities in the world).
2. One of pioneer cities on the context of environmental level.
3. Restoration of urban and architecture heritage of the city and elimination of slums.
4. Reach the international standard for green areas/per capita.
5. Containing routes for pedestrians, open and green areas and public squares.

GREEN



# The vision

City ..international-green-integrated

## Socially connected

# CONNECTED

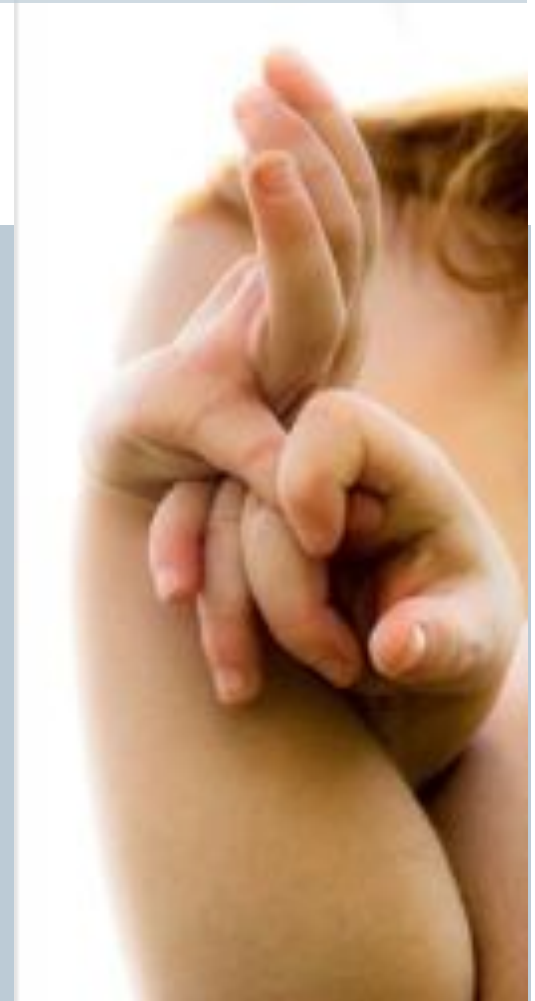
- Social equity and social cohesion.
- Commitment to the participatory and cooperation cultures between the government, private sector and civil society.
- The city is a part of national and international community.

## Road and Transportation networks connection

- Access to roads network linking Cairo suburbs to regional roads.
- Good transportation network at an international level.
- Has pedestrian and cycling network linked with the transportation network.

## Technology Connected

- Network has a link to government services through internet “high speed internet – road band connection”



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# 06

**Basic Principles to achieve the vision**  
How will the Vision be implemented?





- 1. G.C.R should be competitive at the national ,international level.**
- 2. Investment & Exploitation of GCR potentials as the capital of Egypt (social, historical, cultural, tourism).**
- 3. Preservation and rehabilitation of historical and heritage zones.**
- 4. Precise urgent needs for social ,culture, economic and urban development to improve quality of life for CAIRO citizens.**
- 5. Provision and increase job opportunities, investment of human capacity.**
- 6. Upgrade poor, deteriorate and informal existing areas, provide new adequate residential areas compatible with government plans to limit informal zones in order to create good and health society.**

## Basic Principles to achieve the vision

06

**7. Relocation of land uses that cause pollution far from the city center.**

**8. Improvement and creation of roads, tunnels and transportation networks within the GCR at regional, national and international level**

**9. Upgrade infrastructure network.**

**10. Create green grid from green areas and parks to upgrade living condition.**

**11. Enhance the coherence and integration between the existing urban areas and new urban communities.**

**12. Identify and create a network of investment projects (culture, administration, tourism, religious, social....) in order to attract investors and implement projects of 2050 vision with their participation and integration.**

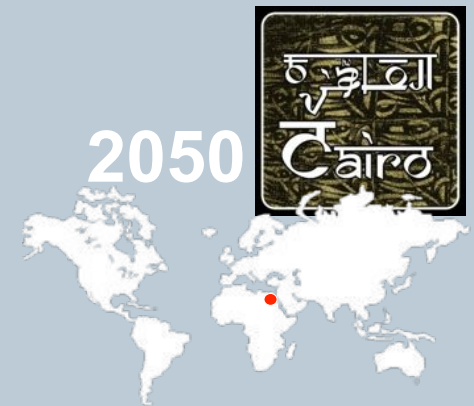
**13. Implement existing and approved mega projects as priority projects due to their regional and national importance such as relocation of ministries and public institutions outside the core of the city.**

**14. Encourage the participation of civils and citizens as an important issues to the sustainable development of the Cairo 2050 projects.**





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# 07

## The strategic sectors and Themes to realize the vision

# Main development sectors for G.C.R

07



## Sector (1)

**Upgrade Living condition to international standard**

**Better Governance**

**Housing and Informal**

**Improve the environment and  
Increase green areas**

**Roads and  
Transportation**

**Water and Sewage**

## Sector (2)

**Increase the competitiveness of Egyptian capital**

**Culture and Media sector**

**Industrial sector**

**Tourism sector**

**Education sector**

**Health sector**

**Finance and Trade sector**

**Technology and telecommunication  
sector**

- Nominate special consultant for each sector.
- Each consultant interviewed different concerned stake holders (participatory approach), representative of concerned ministries, through interviews and work shops for about 9 months.
- Objectives of work shops:
  - Monitor the strengths and weaknesses.
  - Agree on priority projects.
  - Assess the competitiveness of the sector for the development of the region.
  - Identify future vision 2050.



**A cooperation agreement was signed between General Organization for Physical Planning (GOPP), Information and Decision Support Center (IDSC)-the Egyptian cabinet to held such a workshops.**

## First Sector

**Upgrade living conditions to international standard**

1. Better Governance

2. Housing and Informal

3. Improve the environment and  
increase green areas

4. Roads and Transportation

5. Water and Sewage





# 1. Better Governance

07

1. Precise the limits of the administration boundary of the capital within the region.
2. Special law and institutional framework for the capital different than local administration law.
3. Encourage cooperation of the private sector in development projects/ programmes.
4. Identify clear roles for the province's urban communities and give each of them a branding that prevent competition among them.

**Many responsibilities and roles for many different central and local authorities in controlling and implementing development projects in the region**

Upgrade living conditions at international standard

## Better Governance

Housing and informal

Improve the environment and  
Increase green areas

Roads and Transportation

Water and Sewage sector





## 2. Housing and informal : **decentralization and redistribution of population** **In Cairo and Giza**

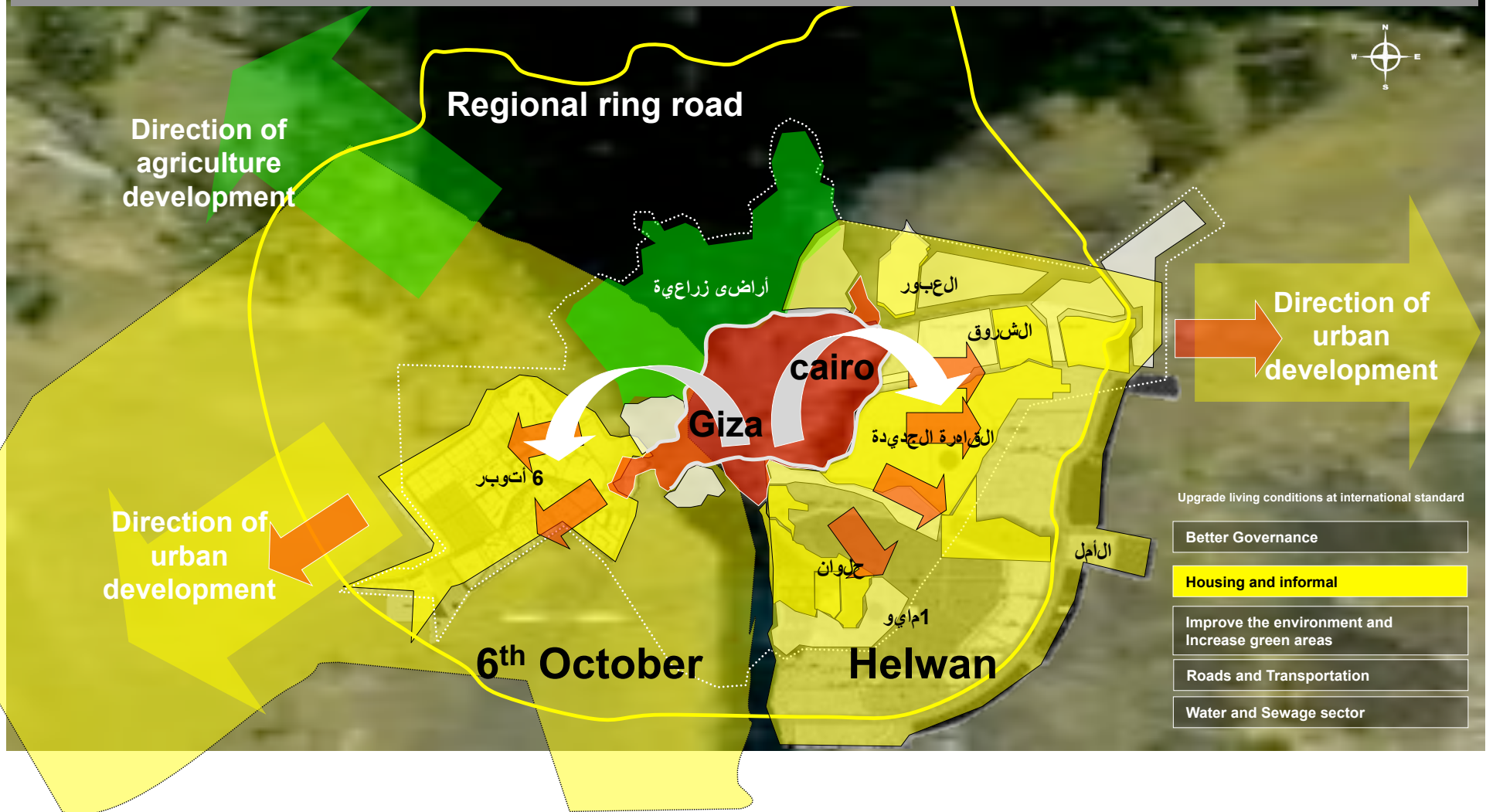
07

- **Decentralization of Cairo, Giza through upgrading unsecure and unplanned areas by opening new access roads, provide a suitable relocation areas (if need) on near location within the same governorate or in 6<sup>th</sup> of October or Helwan governorate.**
- **Accommodate the expected population increase in 6<sup>th</sup> of October and Helwan governorate.**
- **Protection and preservation of planned areas in Cairo and Giza through enforce building regulations.**
- **Dealing with unsecure and non planned areas through execution plan and precise time schedule.**

### Basic principles of housing in the capital

1. Adequate urban house with high living condition.
2. Upgrade informal areas by converting them to planned areas with complete infrastructure and services.
3. Take in consideration, as priorities, the social issue and protection of citizens life when upgrade informal zones.

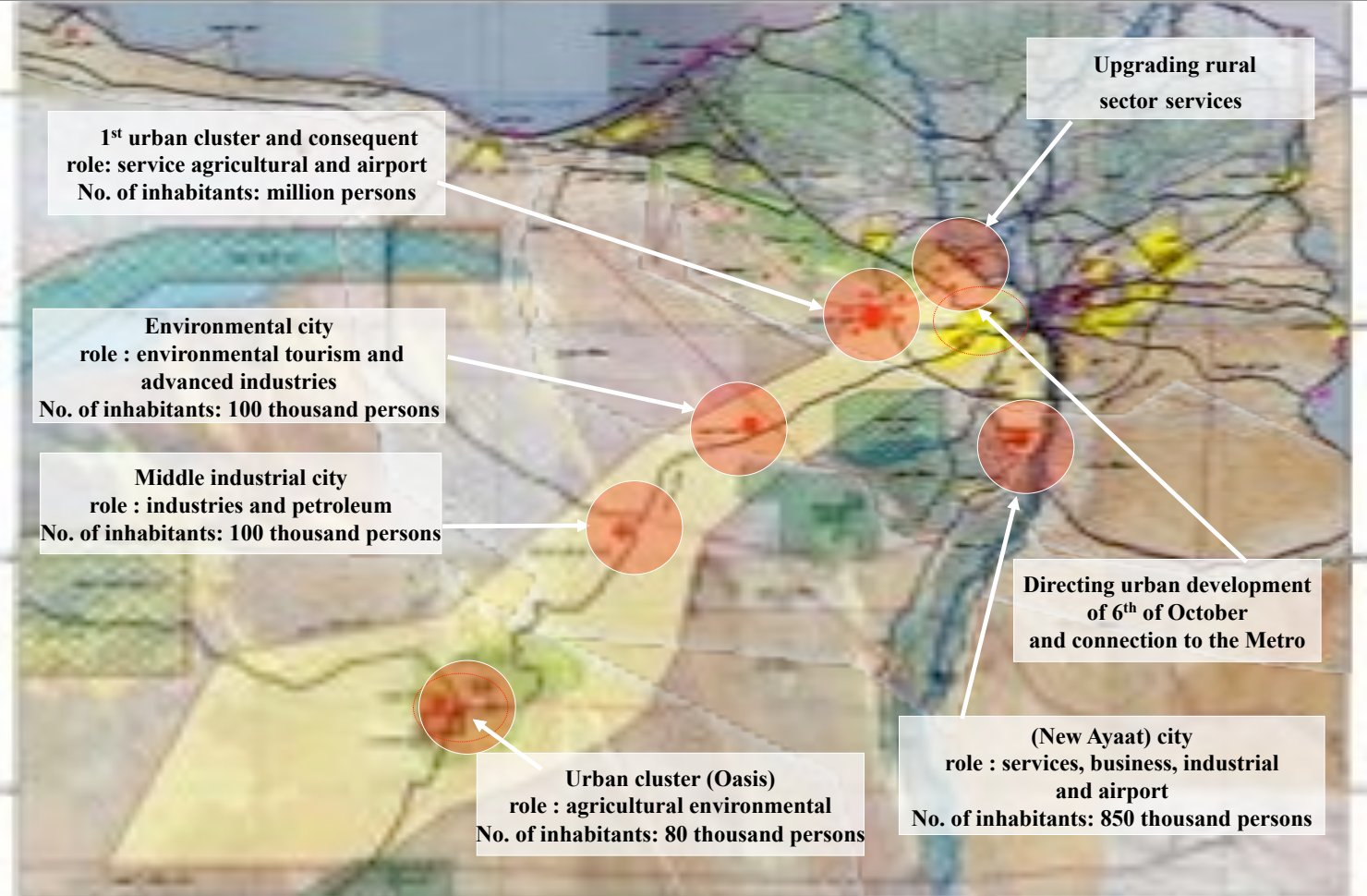




## **Accommodate 10-12 million person** (30% of the region's inhabitants)

- **Establishment of Mega city west October.**
- **Establishment of Mega city south west El-Ayaat Markaz.**
- **Completion the south west arc of the regional ring road.**
- **Create a group of development corridors and regional roads to connect the Mediterranean to the Red Sea.**
- **Establish a number of industrial and service cities at a capacity of 100 thousand inhabitants each.**





Upgrade living conditions at international standard

Better Governance

Housing and informal

Improve the environment and  
Increase green areas

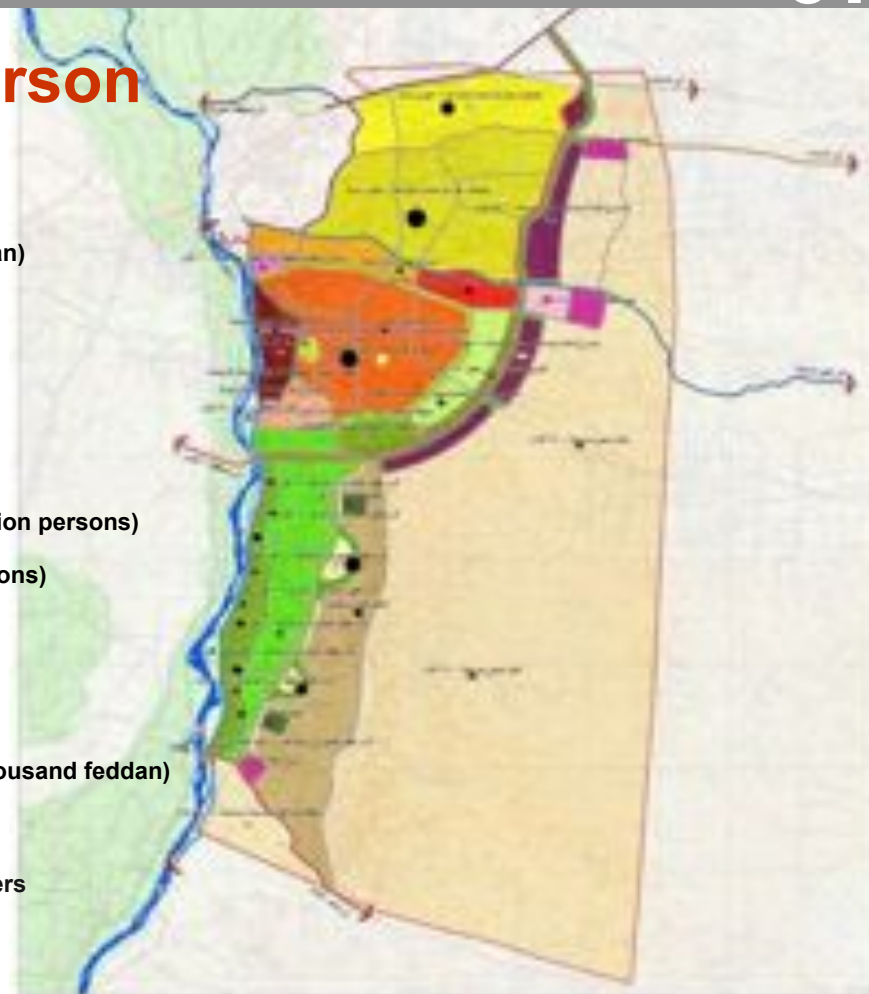
Roads and Transportation

Water and Sewage sector



## Accommodate 10-12 million person (30% of the region's inhabitants)

-  International recreational city (5000 feddan)
-  Reclamation land (100 thousand feddan)
-  Olympic city (5000 feddan)
-  8 desert hinterland villages
-  Create El-Saf and Atfeeh cities
-  Developing the capital "Helwan" (1.9 million persons)
-  New urban communities (7.1 million persons)
-  Trade town (5000 feddan)
-  Natural protection and Safari
-  Touristic Helwan Cornish
-  5 new industrial and logistic areas (20 thousand feddan)
-  create 3 dry harbors
-  create 2 industrial agricultural clusters



Upgrade living conditions at international standard

Better Governance

Housing and informal

Improve the environment and  
Increase green areas

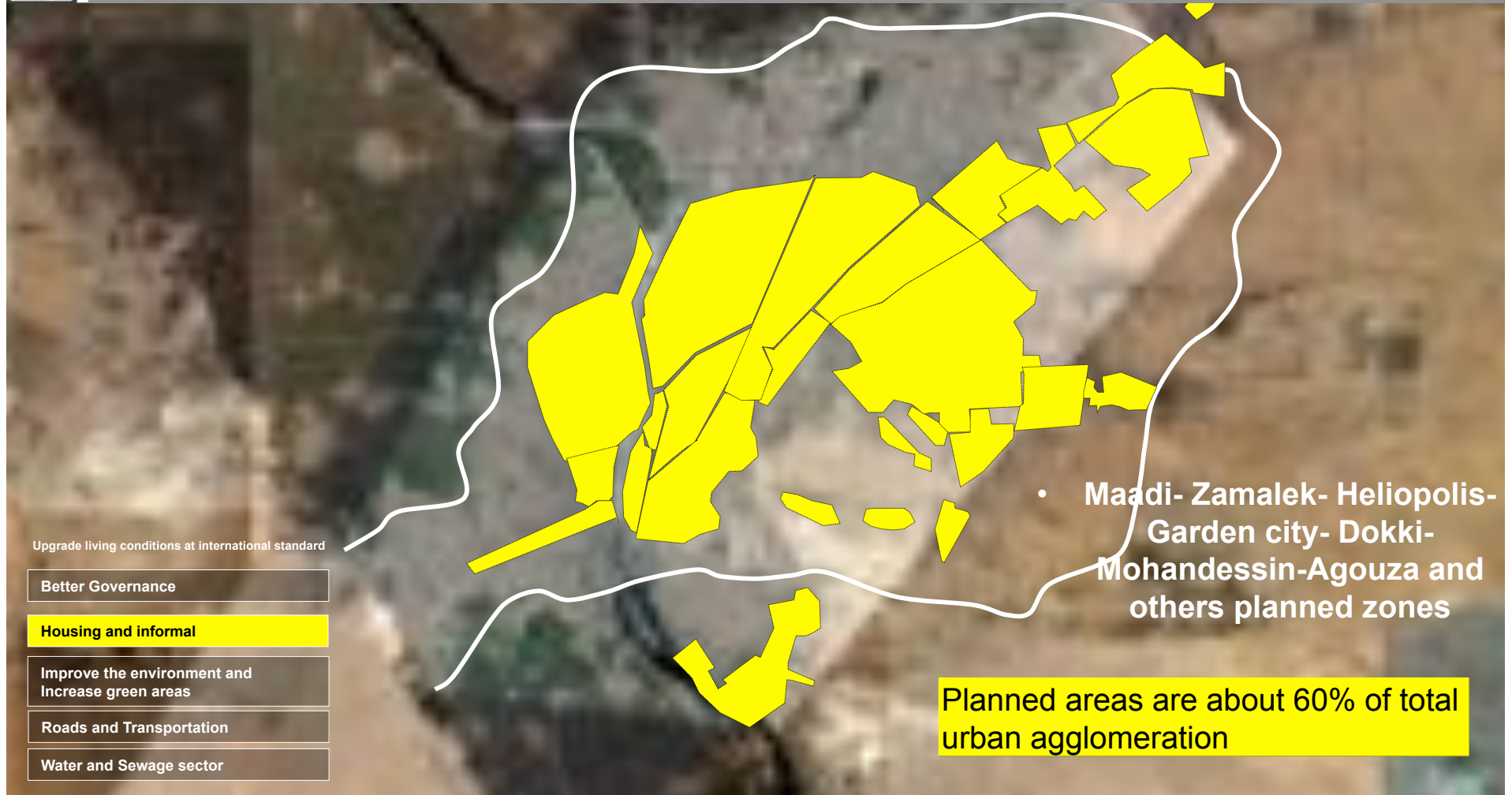
Roads and Transportation

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## 2. Housing and informal : protection and preservation of planned areas

07

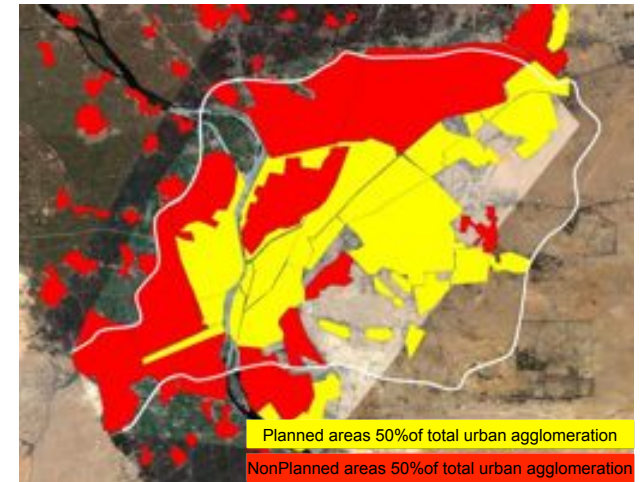


### **Set building regulations for zones:**

Maadi, Heliopolis, Garden City, El Dokki, Mohandessin, Agouza and others planned zones

**In order to preserve the special character of these zones and control demolition and building through:**

1. Precise building heights limit, taking in consideration the existing situation.
2. Prevent miss-uses which causes traffic congestion.
3. Built multi store garage.
4. Precise axes for services and commercial uses.



**Existing informal areas could be divided on 2 main types to deal with**



### **1.Unsecure areas**

**Urban Areas unsecure for the life of its inhabitants or deteriorated areas: the strategy of rehabilitation could be compensate inhabitant or provide another adequate houses for them.**



### **2.Unplanned areas**

**Informal Areas with high density: needs decentralization, providing services and housing units; those housing units could be on the same area or near to it, according to each situation.**





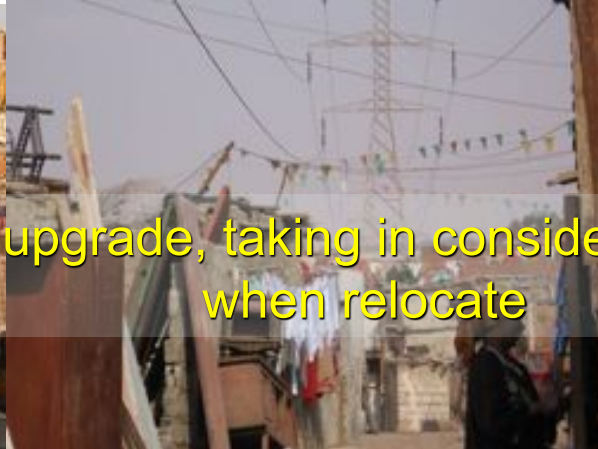
## 2. Housing and informal: upgrading deteriorated unsecure areas within 10 years

07

### How to deal with unsecure areas

**Unsecure areas represent about 3% of informal areas in G.C.R**

1. **Unsecure for life** (natural problems).
2. **Unsecure Construction** (kiosks, deteriorated).
3. **Unsecure health** (electric line, pollution).
4. **Entity not legal.**



Areas need to be upgrade, taking in consideration the social issues when relocate



## 2. Housing and informal: upgrading deteriorated unsecure areas within 10 years 07

### Cairo

- El Doweka area
- Ezbet Khayr Allah and Estable Antar area
- Wadi Phearaon and El Shohba area
- Ezbat El Arab area
- Abou Karn area

- Ezbat Abu Hachiche area
- Tel El Akareb area
- Hekr El Sakakini area
- Ezbat El Nasr area
- Ezbat El Hagana area

### kalyubia

- El Khosous-Badran and Rostom farm
- Sidi Khedr El Ketawy
- El Gamal farm, Ahmed Selim farm

### Giza

- Seka Hadid Echache area
- Sen El Agouza area

- El Zabalin area
- El Sakia area

### Helwan

- El Safih, Arab Salem farm
- El Hekr, El Omda farm



Upgrade living conditions at international standard

Better Governance

**Housing and informal**

Improve the environment and  
Increase green areas

Roads and Transportation

Water and Sewage sector

### Dealing with this areas through

- Rarefaction to open accesses and roads
- Provide essential services, facilities in pockets and vacant land



1. Ein Shams and Mattaria
2. Dar El Salam
3. Shubra El Kheima
4. El Khosous
5. Boulak El Dakroor
6. Embaba and North Guiza
7. El Monib





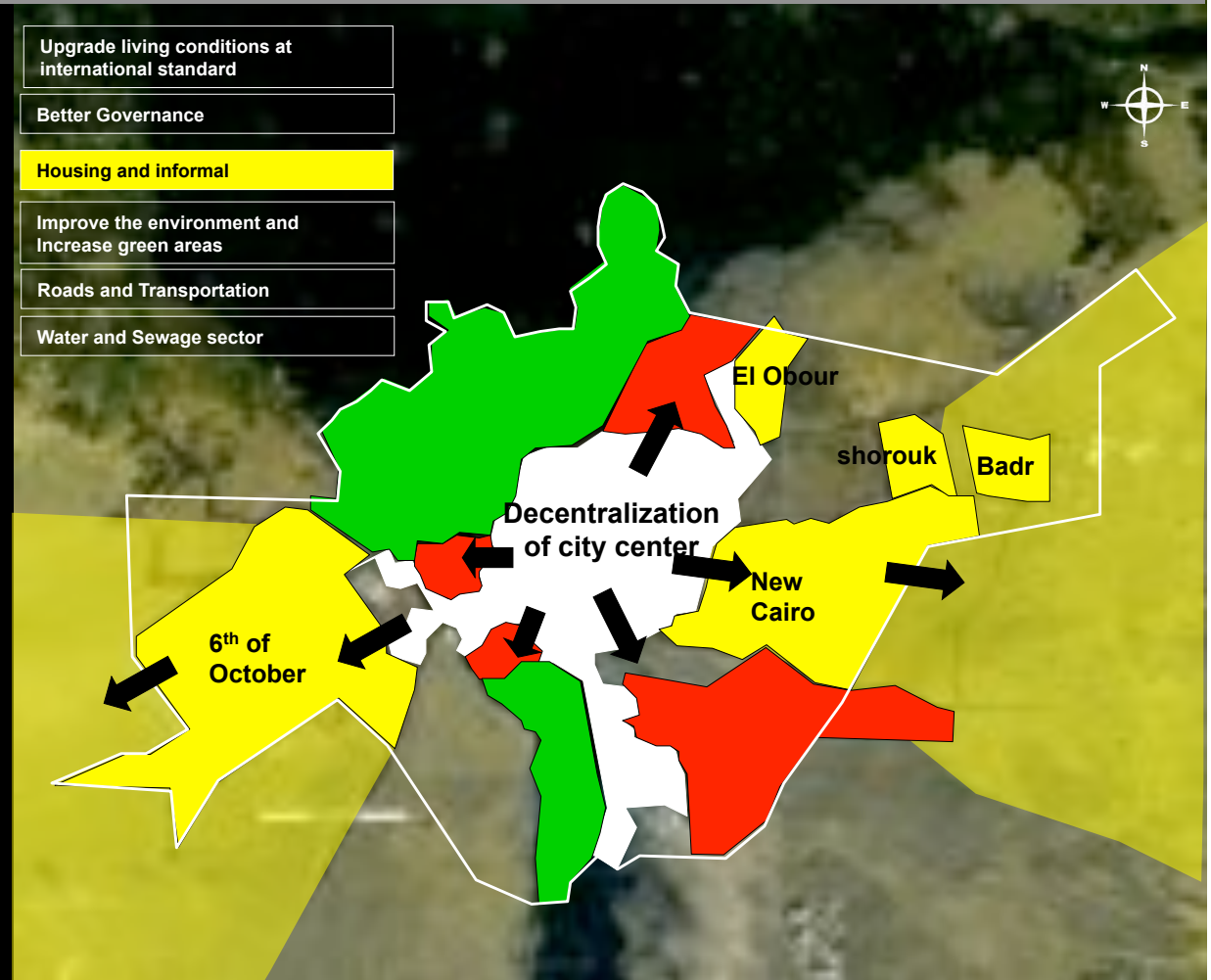
Existing urban agglomeration of the city

New areas proposed to be planned on a 35 thousand (acer) feddan to accommodate 1 million houses

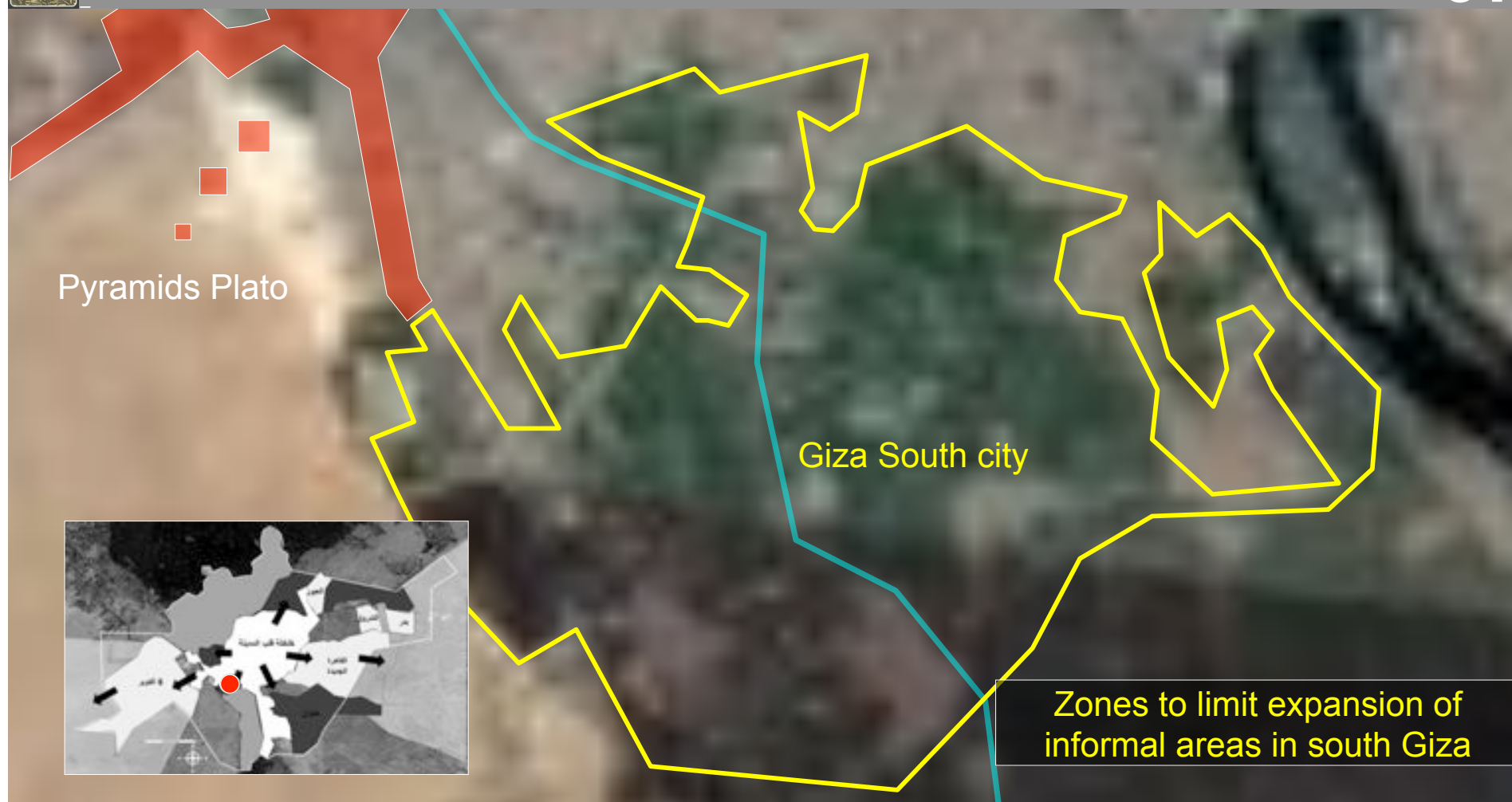
New towns and extensions to accommodate 1 million houses in surplus

Agriculture land Within the city, 60 thousand (acer) feddan

- Upgrade living conditions at international standard
- Better Governance
- Housing and informal**
- Improve the environment and Increase green areas
- Roads and Transportation
- Water and Sewage sector

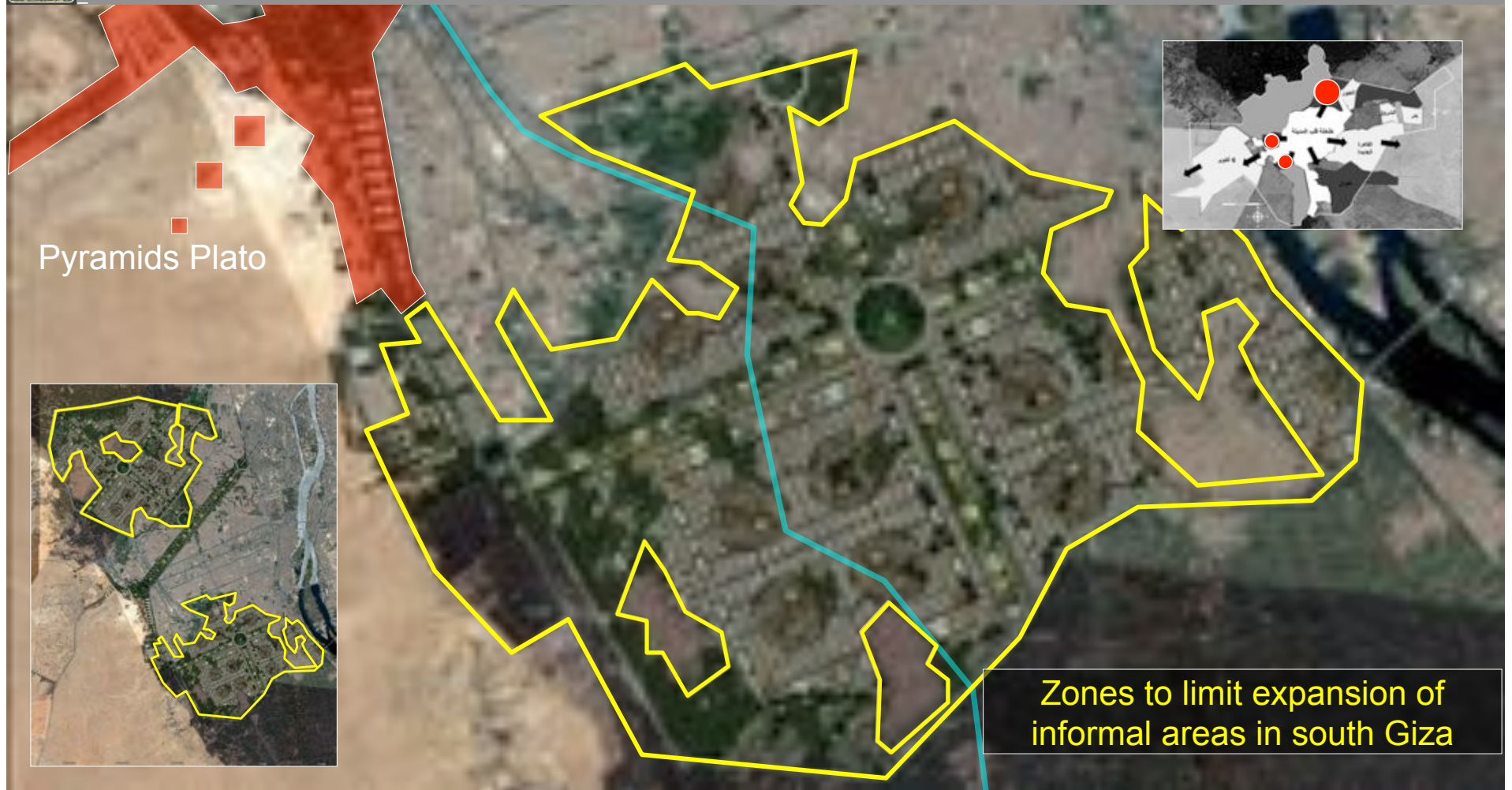




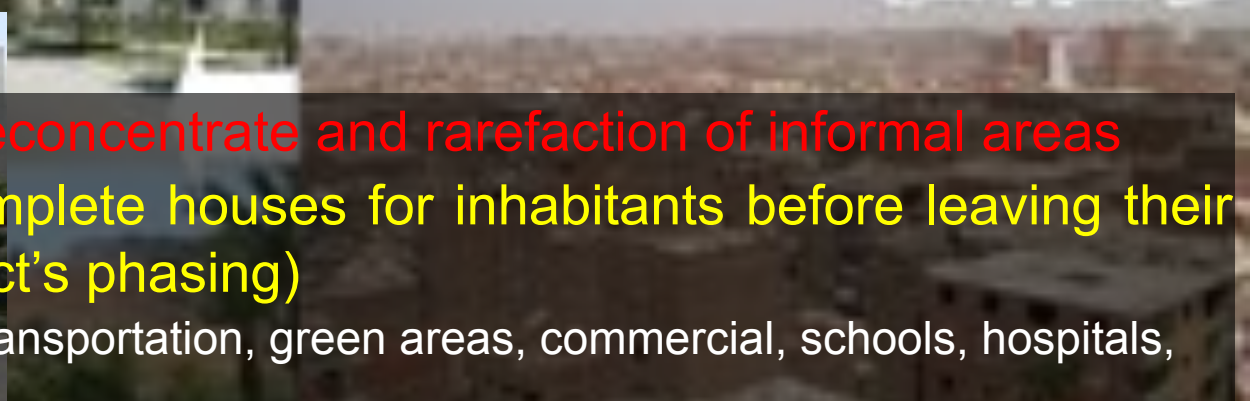
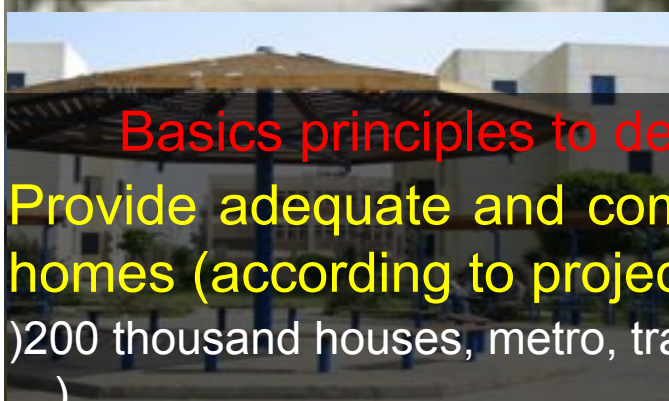
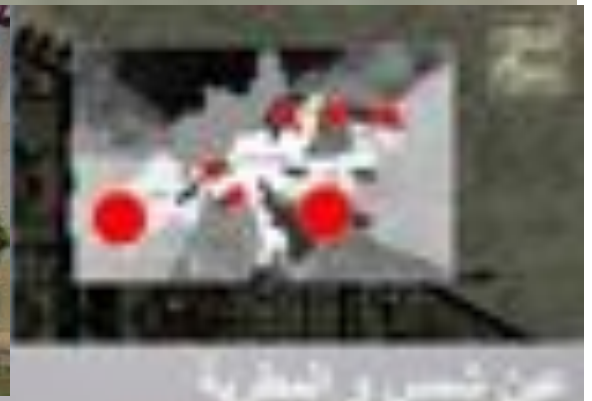




## 2.Housing and informal : location of alternative and new housing in G.C.R 07





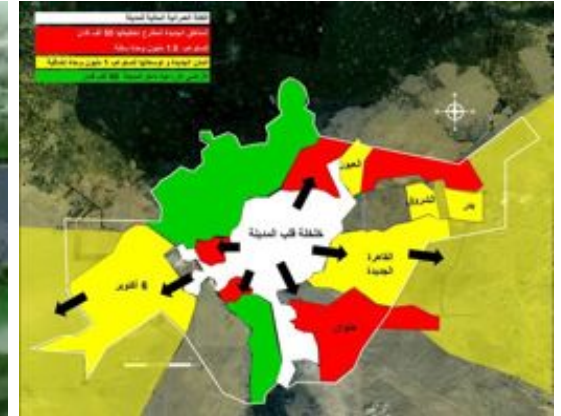


**Basics principles to deconcentrate and rarefaction of informal areas**  
**Provide adequate and complete houses for inhabitants before leaving their homes (according to project's phasing)**

(200 thousand houses, metro, transportation, green areas, commercial, schools, hospitals, ...)

**Houses with new trend – good living condition to all inhabitants of informal areas in the capital**

200 thousand houses (services, green areas, commercial, schools,...)



**Provide 2.5 million houses with all services and transportation according to international standard for good quality of life**





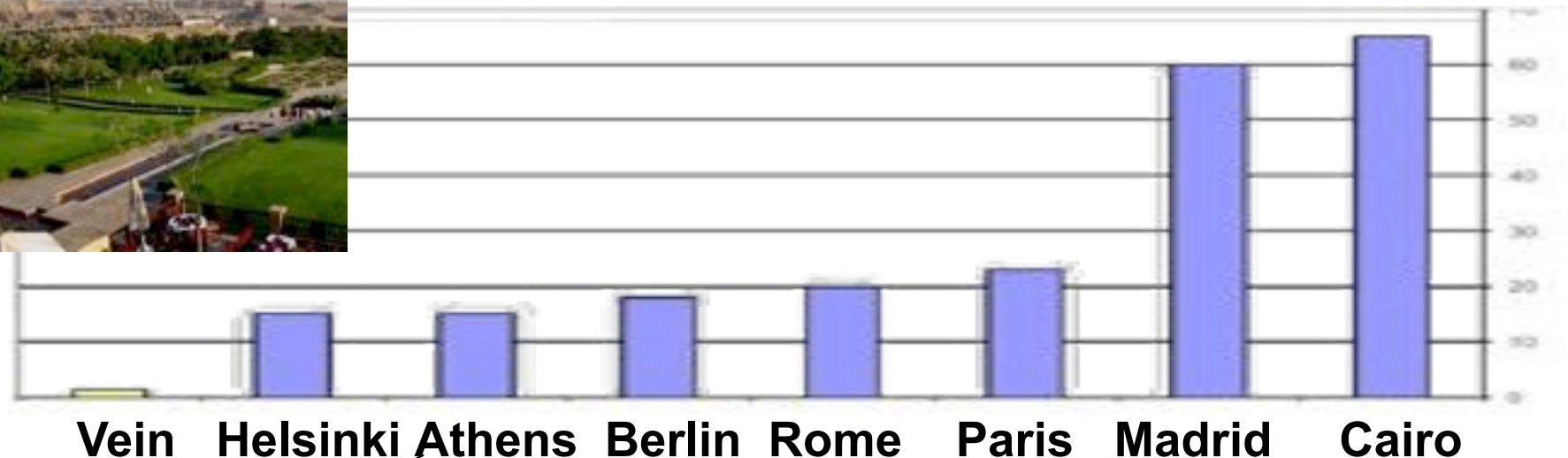


### 3.Improve the environment and increase green areas

07



Rate of green areas m<sup>2</sup>/capita in different cities on the world



**Cairo city**

**0.3 m<sup>2</sup>/capita**

**G.C.R**

**1.5 m<sup>2</sup>/capita**

**Planning standard :from 12-18 m<sup>2</sup> / capita**

Upgrade living conditions at international standard

Better Governance

Housing and informal

Improve the environment and  
increase green areas

Roads and Transportation

Water and Sewage sector

**Raise the rate of green areas/capita to reach 15 m<sup>2</sup>/ person ..thus total green areas in the region will be 50 thousand (acres) feddan.**

**Relocate polluting industries (cement, steel,...) and pig farms outside the region.**





### 3. Improve the environment : **Raise the rate of green areas/capita**

07

Upgrade living conditions at international standard

Better Governance

Housing and informal

**Improve the environment and  
Increase green areas**

Roads and Transportation

Water and Sewage sector







## Improve the environment : Raise the rate of green areas/capita

07

Upgrade living conditions at international standard

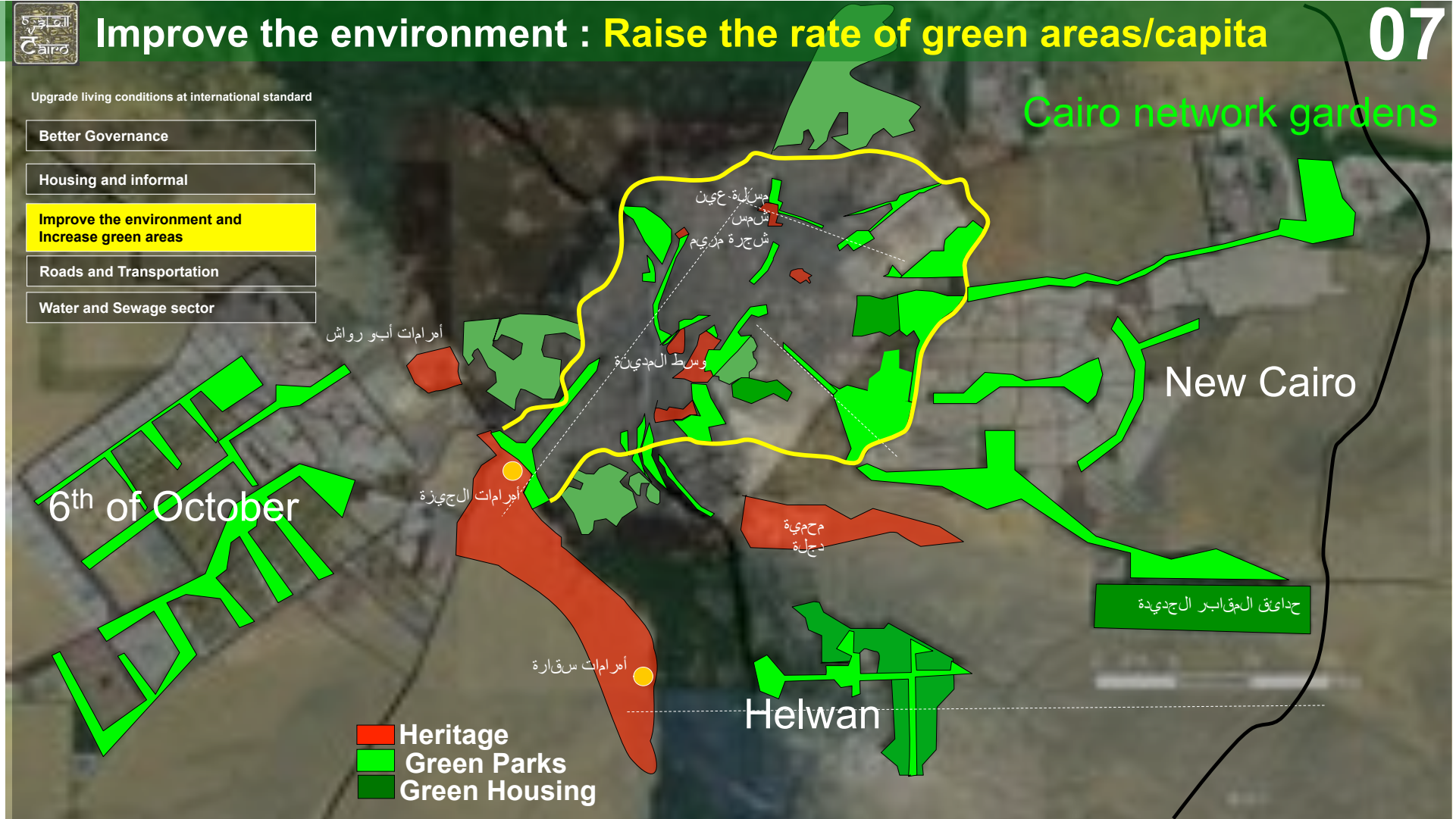
Better Governance

Housing and informal

**Improve the environment and  
Increase green areas**

Roads and Transportation

Water and Sewage sector





## 4- Public transportation: **current situation**

07



**Moscow**



**Berlin**



**Paris**

**Metro (underground) km/million capita no. of lines**

|                  |            |           |
|------------------|------------|-----------|
| <b>Cairo</b>     | <b>4</b>   | <b>2</b>  |
| <b>Bangkok</b>   | <b>20</b>  |           |
| <b>Sao Paulo</b> | <b>31</b>  |           |
| <b>Paris</b>     | <b>150</b> | <b>16</b> |
| <b>Berlin</b>    | <b>50</b>  | <b>9</b>  |
| <b>Moscow</b>    | <b>30</b>  | <b>12</b> |

Upgrade living conditions at international standard

Better Governance

Housing and informal

Improve the environment and  
Increase green areas

**Roads and Transportation**

Water and Sewage sector

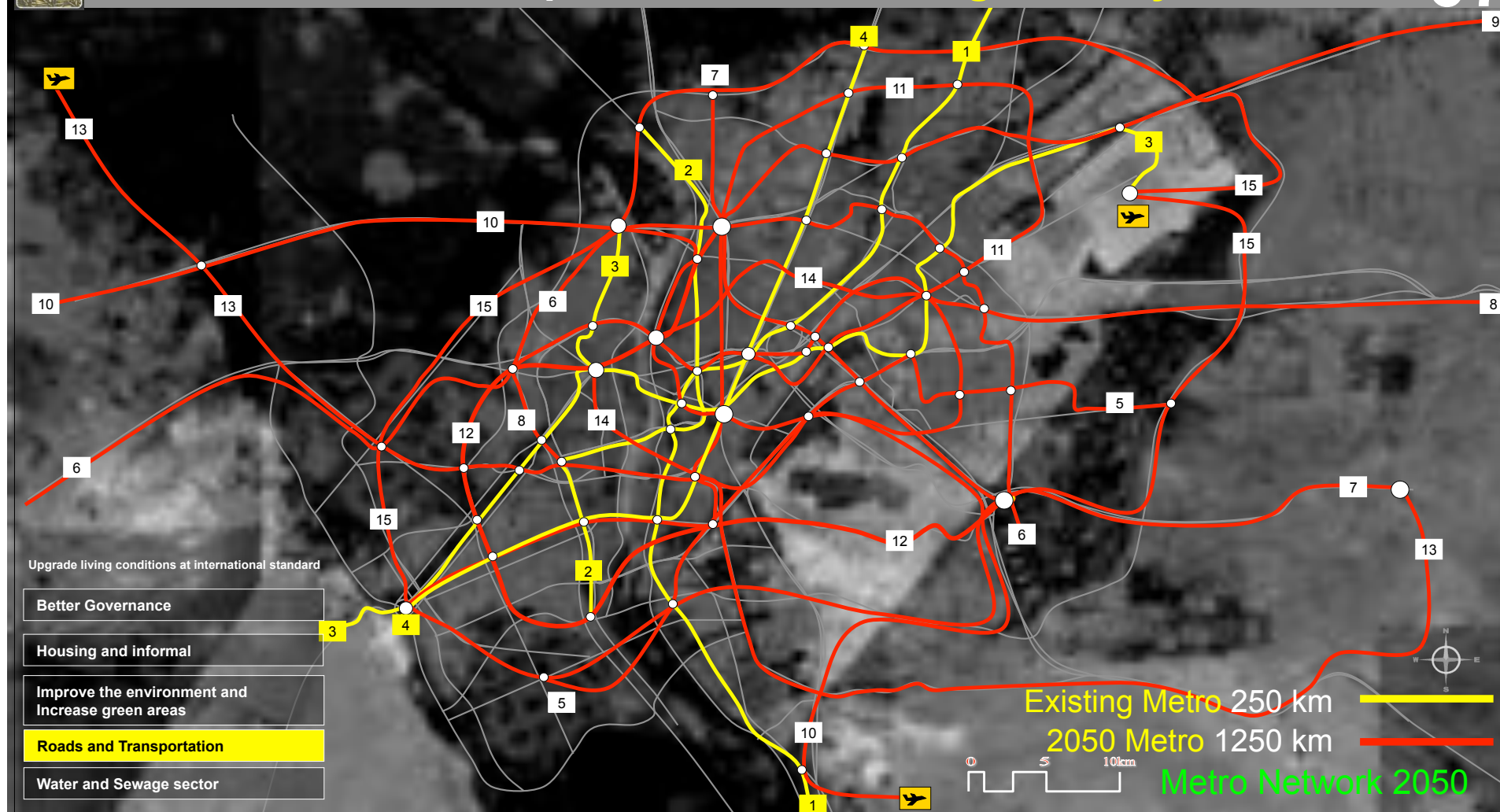
**Proposed for G.C.R. in 2050**

**15 lines: for 600 km – 60 km/million persons**



## 4- Public transportation: **increasing Subway lines**

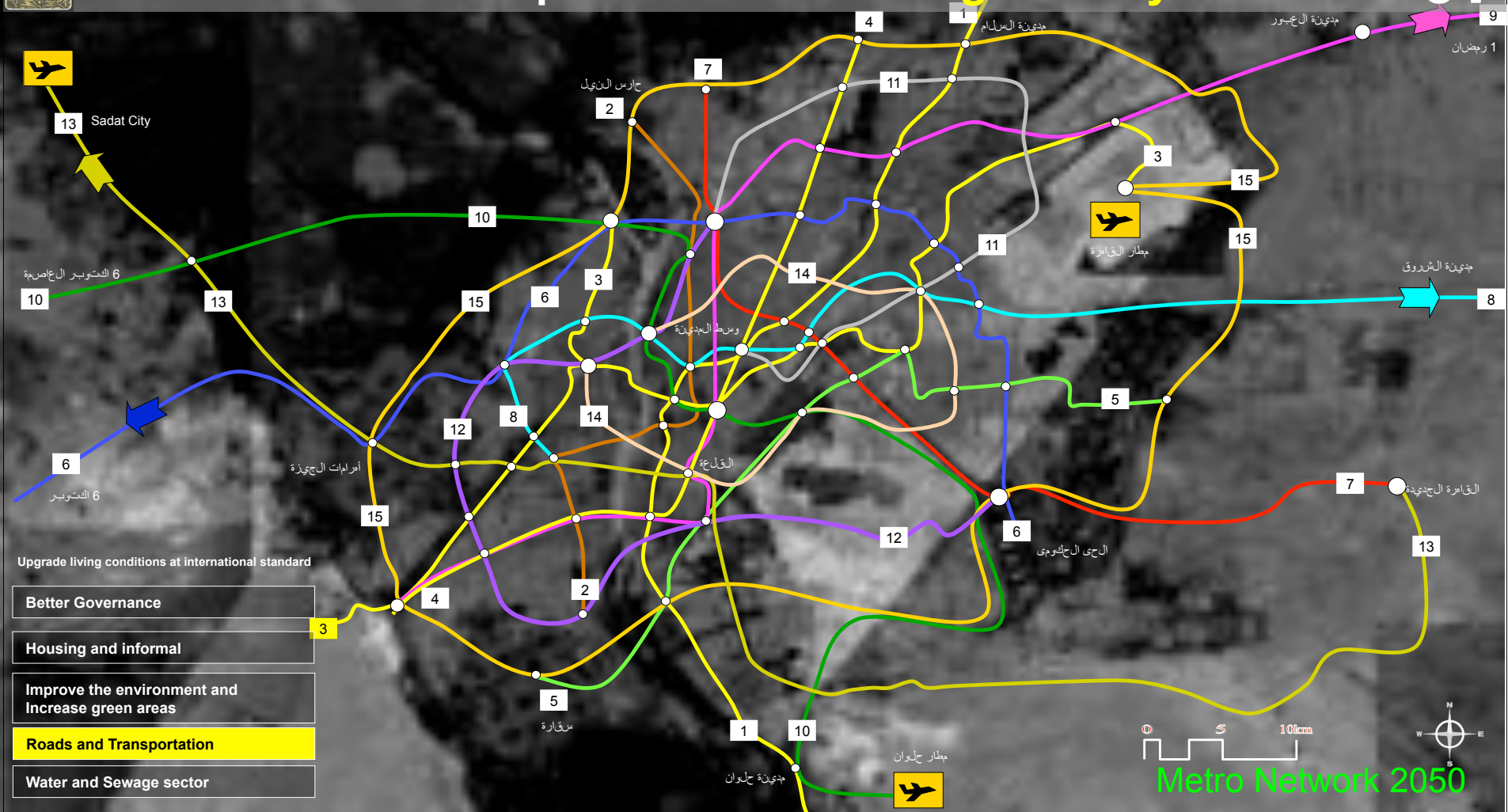
07





## 4- Public transportation: **increasing Subway lines**

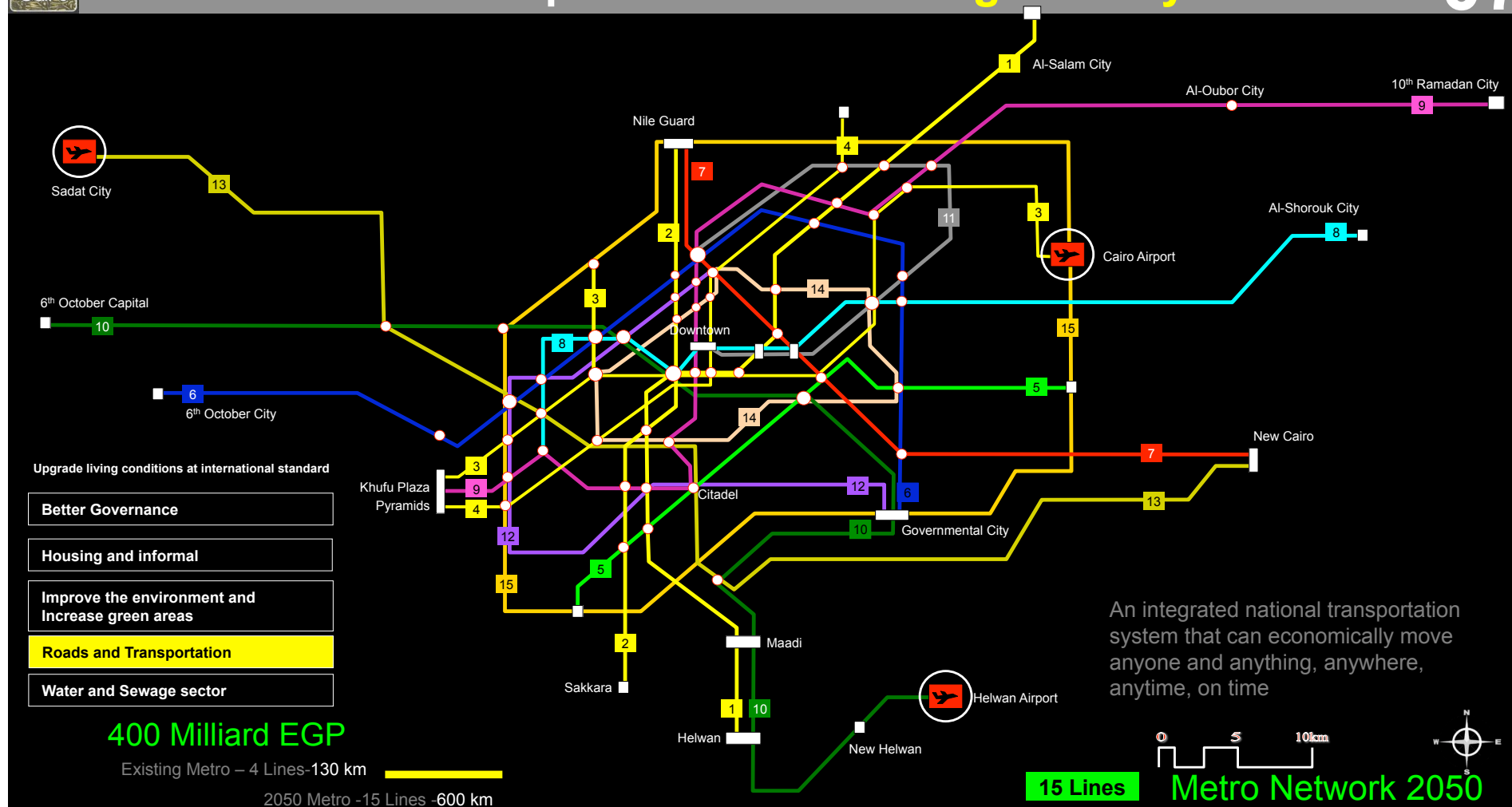
07





## 4- Public transportation: **increasing Subway lines**

07

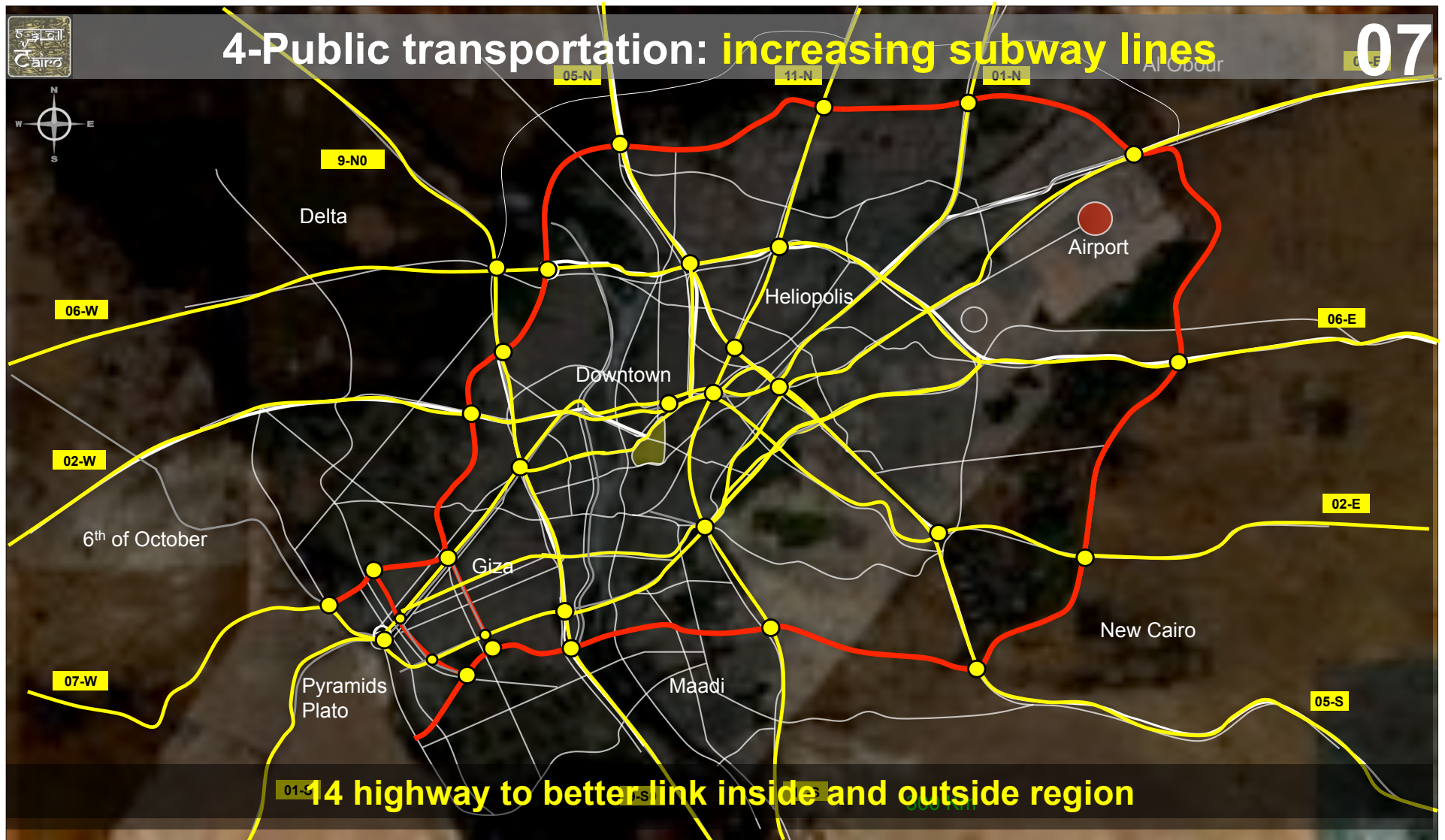




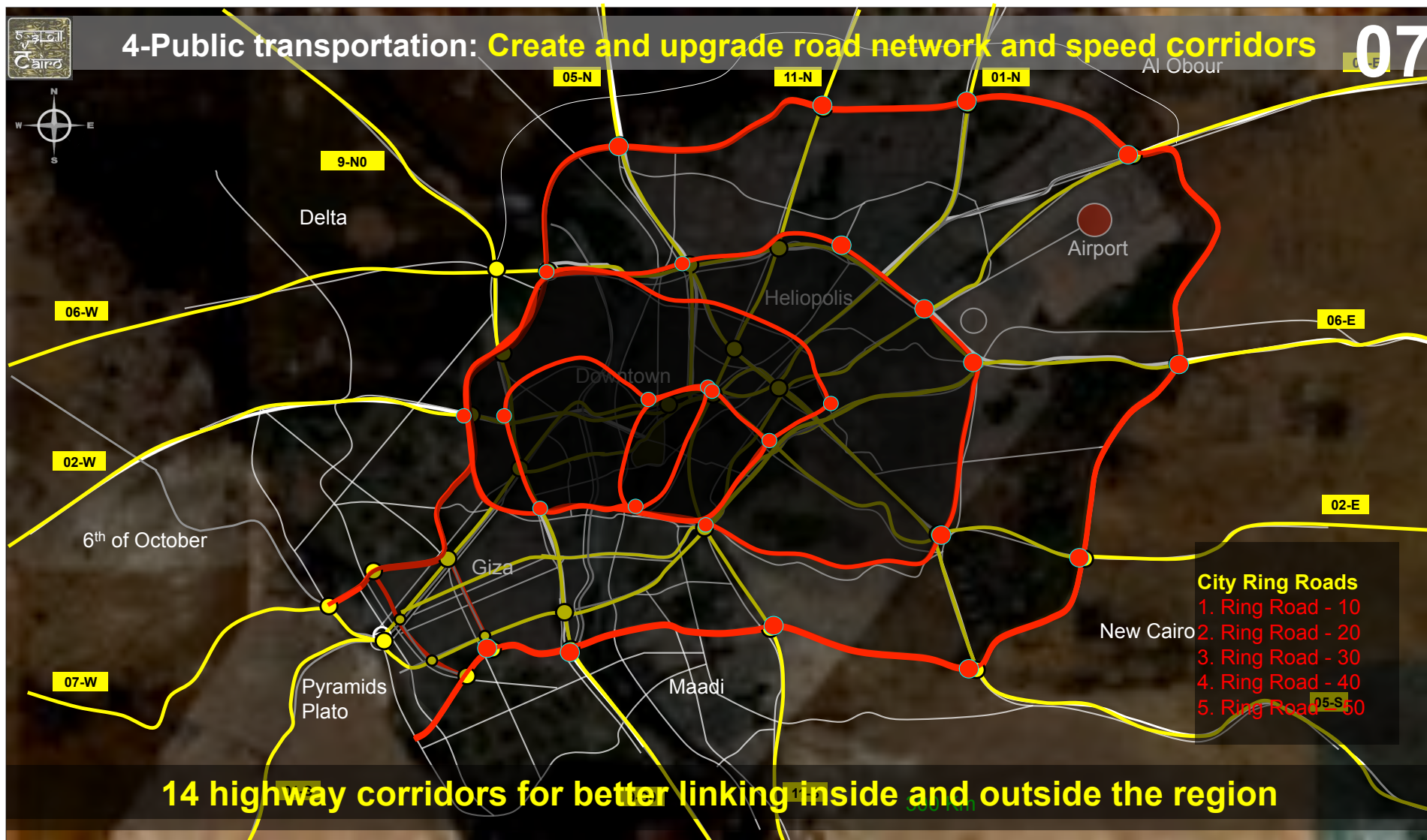


## 4- Public transportation: Create & upgrade road network & speed corridors 07









Better Governance

Housing and informal

Improve the environment and  
Increase green areas

Roads and Transportation

**Water and Sewage sector**

- Complete the ongoing projects to cover 100% of the region by water and sewage network.
- Create brut water network for irrigation.
- Exploitation of treated wastewater in forest tree cultivation.







## Sectors to reach Cairo's vision 2050

07

### Second Sector

**Increase the competitiveness of Egyptian capital**

1- Culture and media sector

4- Education sector

2- Industry sector

5- Health sector

3- Tourism sector

6- Finance and Trade sector

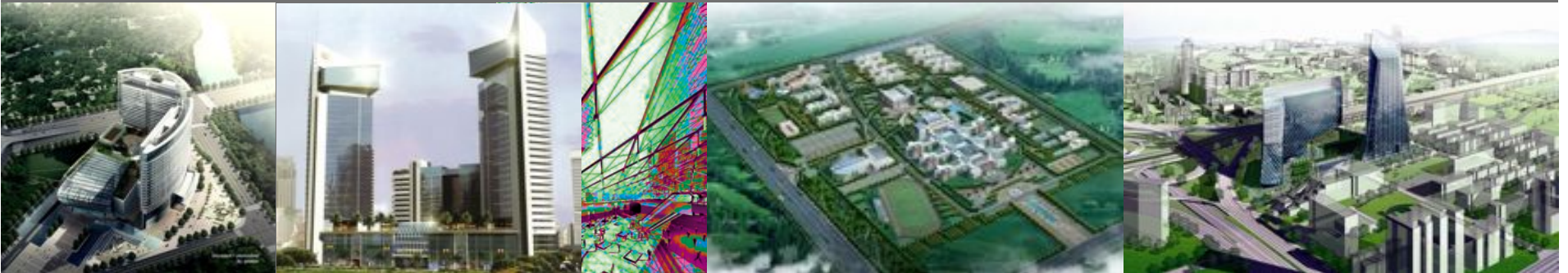
7- Technology and Telecommunication sector





## Increase the competitiveness : **Culture and media sector** 07

- **A set of specialized museums, cultural centers on the international level.**
- **Establish a global movie studios.**
- **International library in Cairo.**



- Establish groups of industrial clusters in the field of textile industry, building materials.
- Adding technology centers along urban corridors at east, west, south.
- Create numbers of training units centers to facilitate control of business in electronic industry.

**Those projects will reduce expenses, upgrade quality and provide new job opportunities**



- Create two medical towns at international standard specially for tertiary care (open-heart surgery, liver, and kidney .
- Air ambulance and medical evacuation (medical intervention in case of disaster emergency) to Egypt and the countries of the region.
- Focus on natural medicinal products .





- **Establish Cairo International city for Education and Research**
- **Create three technology poles along the main development corridor.**
- **Create eight international joint universities.**
- **Create ten center units for training and control researches in science and technology.**





## Increase the competitiveness : **Tourism sector**

07

**Current no. of hotel rooms = 27 thousand room**

**In 2020 no. of hotel rooms = 30 thousand room**

**2050 no. of hotel rooms = 50 thousand room**

- Use of Nile river as a recreational axe.
- Transformation of Islamic, Coptic, Khedive Cairo zones to open museum and touristic centers.
- Expansion of recreational and therapeutic tourism, conferences and exhibitions.





## Increase the competitiveness : **Finance and trade sector** 07

- **Create center for financial services well served with transportation and telecommunication network.**
- **Support the financial sector to finance small projects.**
- **Activate the economic cores for local industries.**
- **National program to exceed rate of dealing persons with the sector.**





## **Increase the competitiveness : Telecommunication and technology sector**

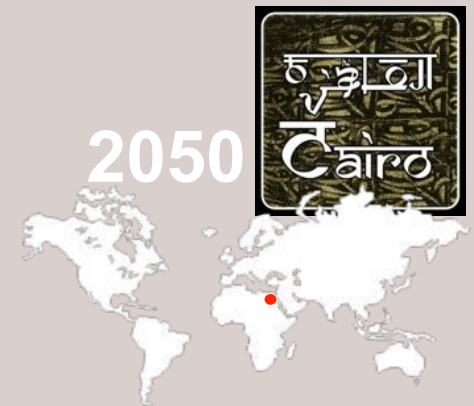
**07**

- **Establish number of technology universities**
- **Increase export of services and technology products**
- **Develop information infrastructure**
- **Enlarge use of technology tools**
- **Continue to liberate the sector to contribute with international agreements on commercial bodies in order to encourage investors participation**





- 01 Cairo within a national vision of Egypt
- 02 Why a vision for Cairo?
- 03 Points of strength and challenges in Cairo
- 04 Cairo citizens opinion & wishes
- 05 The vision & Its objectives
- 06 Basic Principles to achieve the vision
- 07 The strategic Sectors and Themes to realize the vision
- 08 **Proposed projects to realize the vision**



# 08

Proposed projects to realize the vision

What is the framework for Action?

# Proposed Mega Projects within the region to achieve Cairo vision 2050



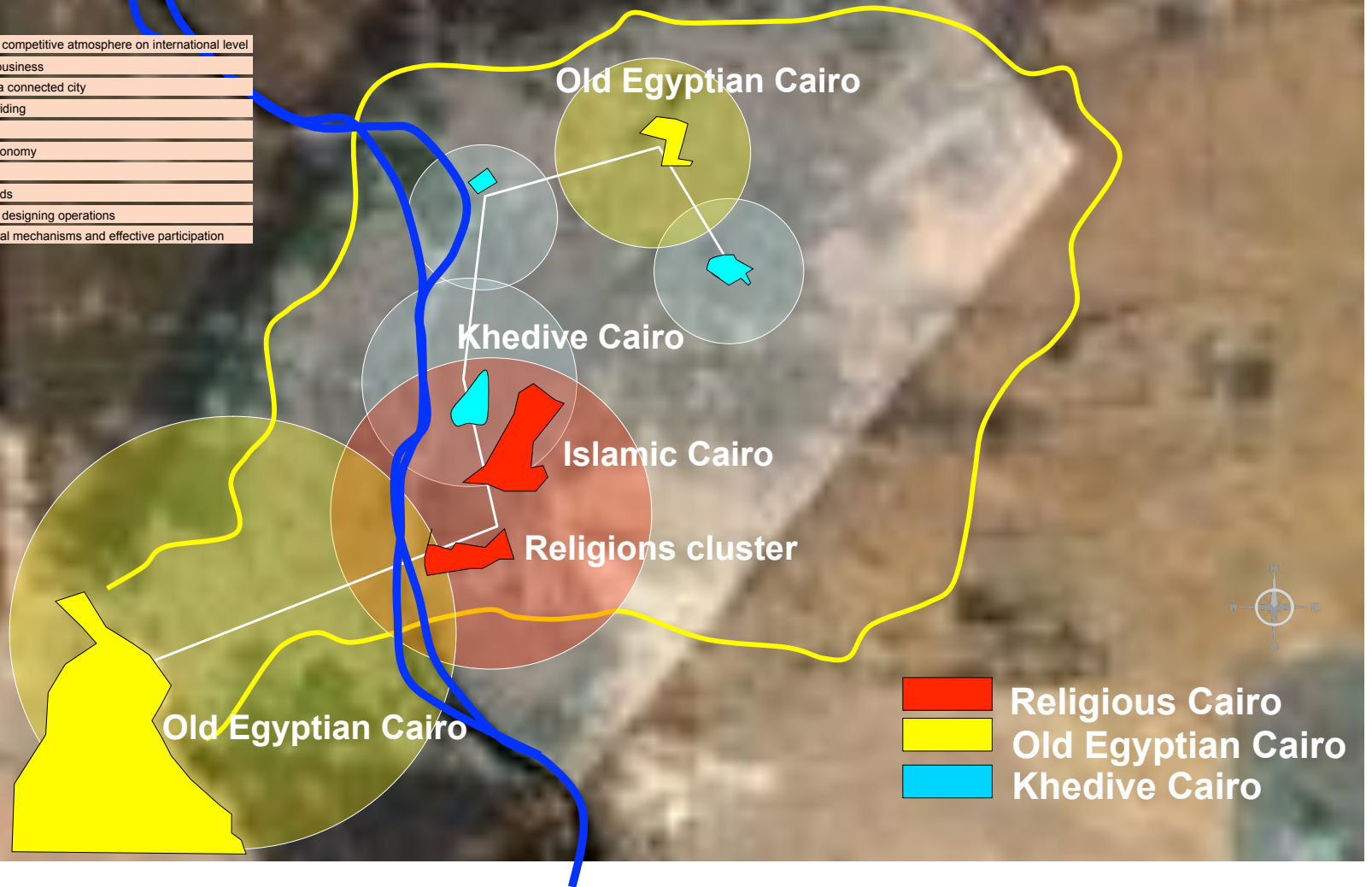
International, Green, Connected City





# Historical places at Cairo's core

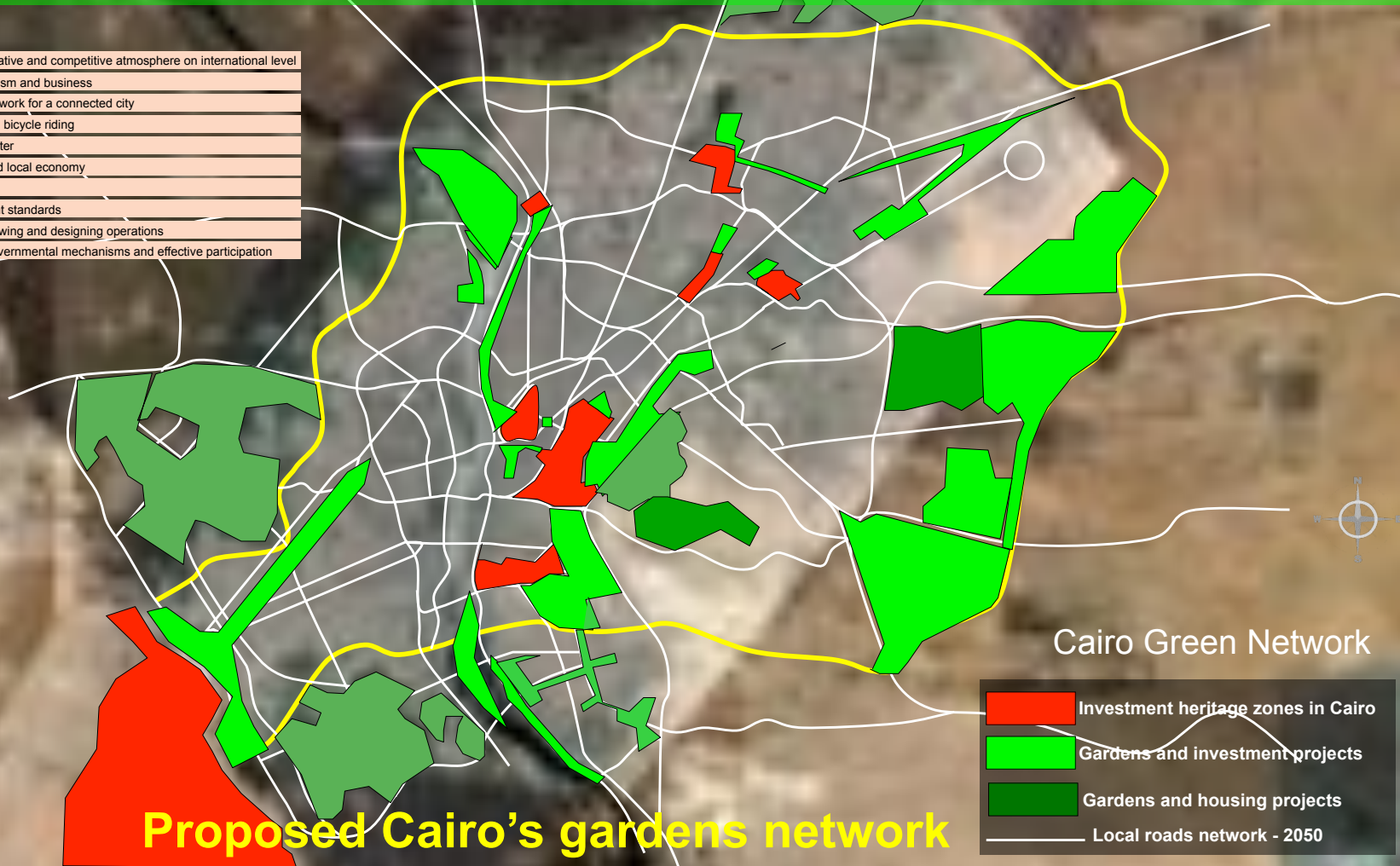
- 1- A city characterized by a creative and competitive atmosphere on international level
- 2- A leading city in culture, tourism and business
- 3- Integrated transportation network for a connected city
- 4- Safe city for pedestrians and bicycle riding
- 5- Attractive and viable city center
- 6- Viable local communities and local economy
- 7- Cultural and creative city
- 8- Providing houses for different standards
- 9- Sustainable upgrading, renewing and designing operations
- 10- Implementation through governmental mechanisms and effective participation





# Proposed decentralization locations

- 1- A city characterized by a creative and competitive atmosphere on international level
- 2- A leading city in culture, tourism and business
- 3- Integrated transportation network for a connected city
- 4- Safe city for pedestrians and bicycle riding
- 5- Attractive and viable city center
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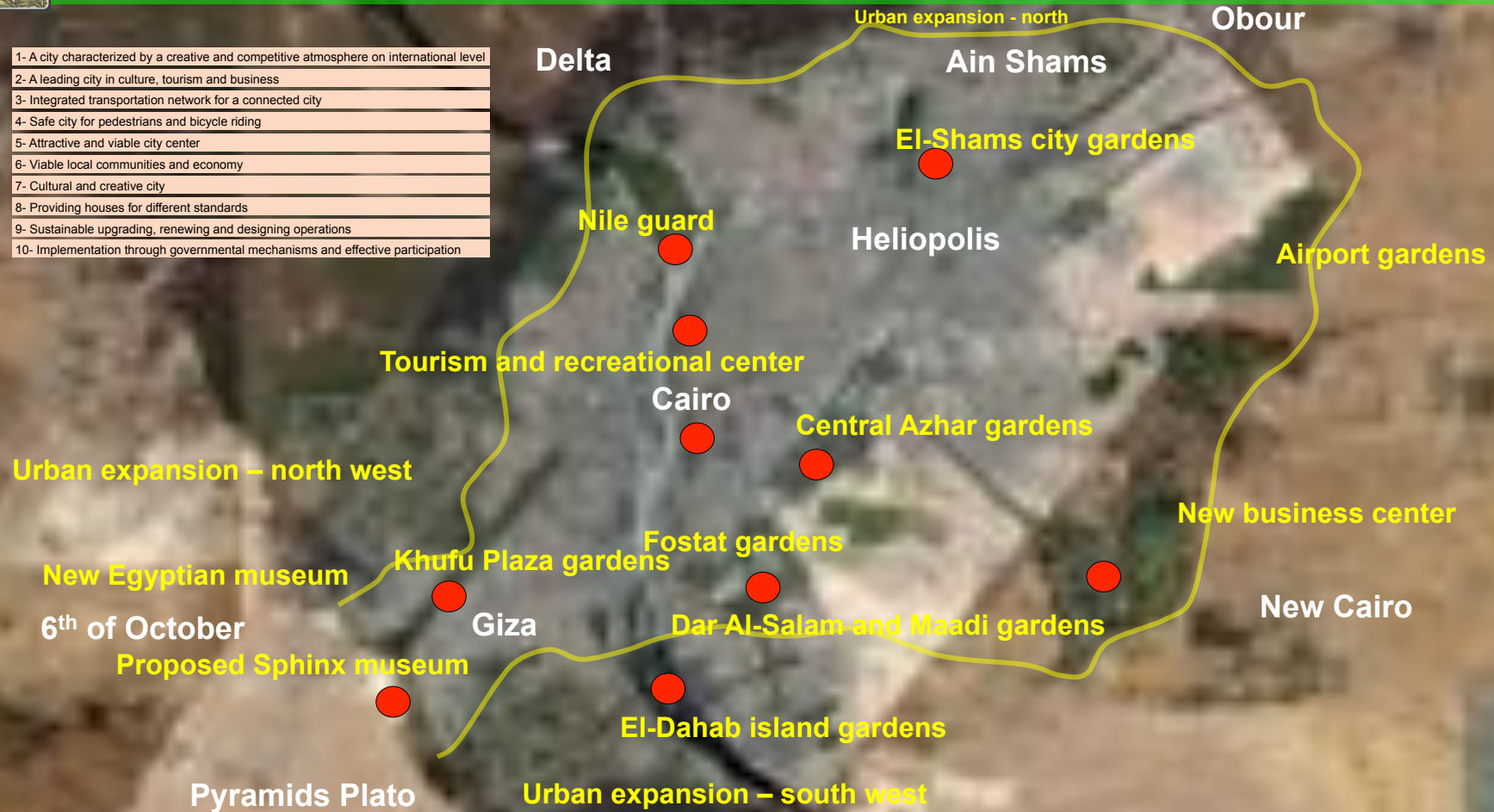






# Mega projects

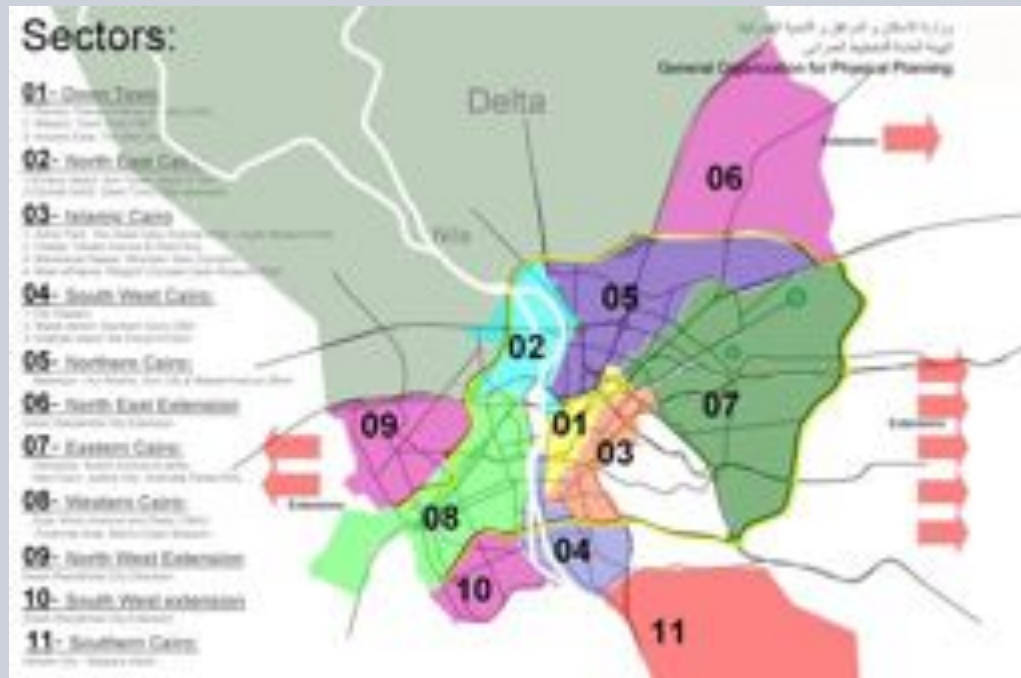
- |   |
|---|
| 1- A city characterized by a creative and competitive atmosphere on international level |
| 2- A leading city in culture, tourism and business                                      |
| 3- Integrated transportation network for a connected city                               |
| 4- Safe city for pedestrians and bicycle riding   |
| 5- Attractive and viable city center  |
| 6- Viable local communities and economy   |
| 7- Cultural and creative city   |
| 8- Providing houses for different standards   |
| 9- Sustainable upgrading, renewing and designing operations                             |
| 10- Implementation through governmental mechanisms and effective participation          |





# Proposed Mega projects to achieve the vision

Cairo's districts have been divided into 11 development sectors  
(Mega development projects)



## 01- City center

- 1- Ramsis: avenue and park
- 2- Maspero: Down town
- 3- Ancient zone: the red zone

## 02- North Cairo

- 1- Elwaraa island: sun tower island and park
- 2- Cornish north: down town extension

## 03- Islamic Cairo

- 1- Azhar park: the Great Cairo oriental khan – open museum park
- 2- Citadel: citadel avenue and park
- 3- Mansheyet Nasser: mountain view complex
- 4- Masr El-Adema: religious complex open museum park

## 04- South west Cairo

- 1- Dar El-Salam
- 2- Maadi district: southern Cairo
- 3- El-Dahab island: the cloud of Cairo project

## 05- North east Cairo

- 1- Matareya – Ain Shams, Sun City and Masala avenue

## 06- North east extension Cairo

- 1- Green residential city extension

## 07- East Cairo

- 1- El Oroba Parks and Axis
- 2- The new governmental city parks and axis

## 08- West Cairo

- 1- Khufu Plaza- Khufu Axis ( the world largest longest historical cultural axis).
- 2- Sphinx Open Museum – Nazlet El Seman

## 09- North west extension Cairo

- 1- The Green residential city ( 5500 Feddan – North Giza)

## 10- South west extension Cairo

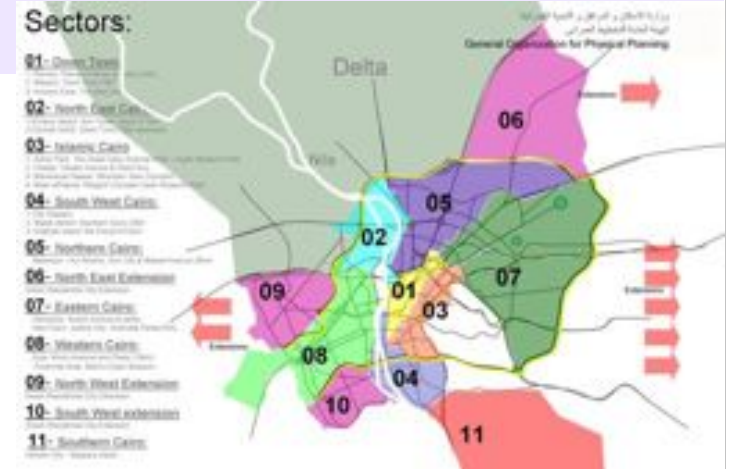
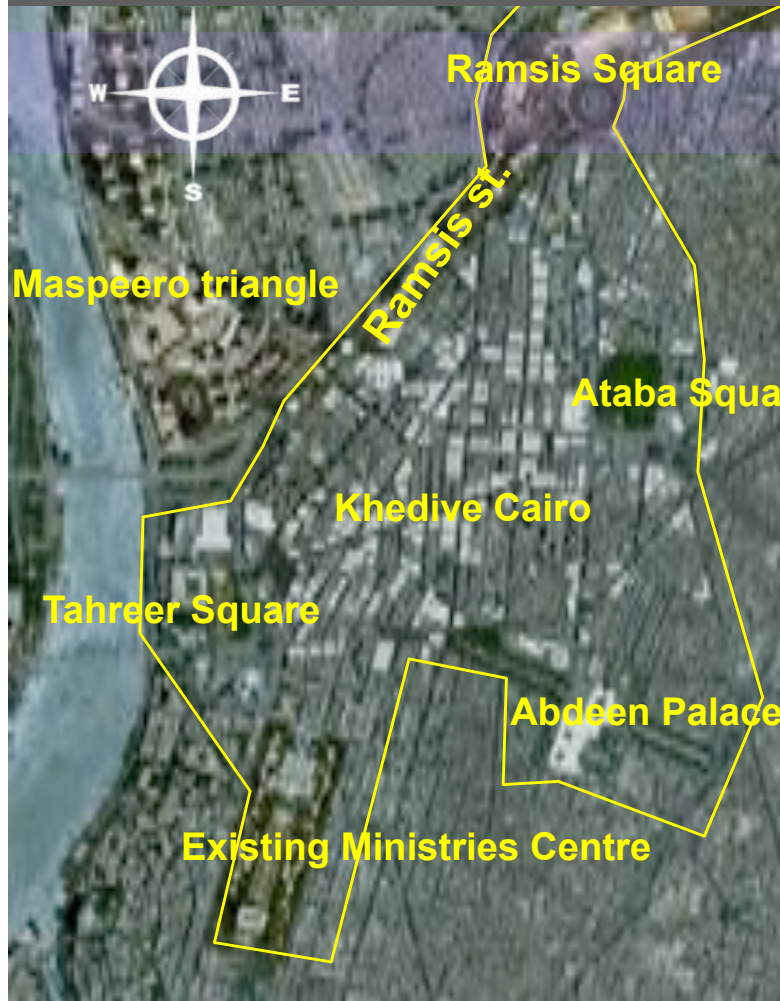
- 1- The Green residential city ( 4500 Feddan – South Giza)

## 11- South Cairo

- 1- Helwan City – Sakarra Development Axis

**Getting back to pioneer and competence**

## City Centre Upgrading - Khedive Cairo



- Conversion of some street to pedestrian paths.
- Main squares development (Tahreer Square, Ramsis Square, Attaba Square, Abdine Square).
- Reuse the ministries square in open parks and cultural activities.
- Construction of some underground multistory garages.





## Upgrading city center – Khedive Cairo





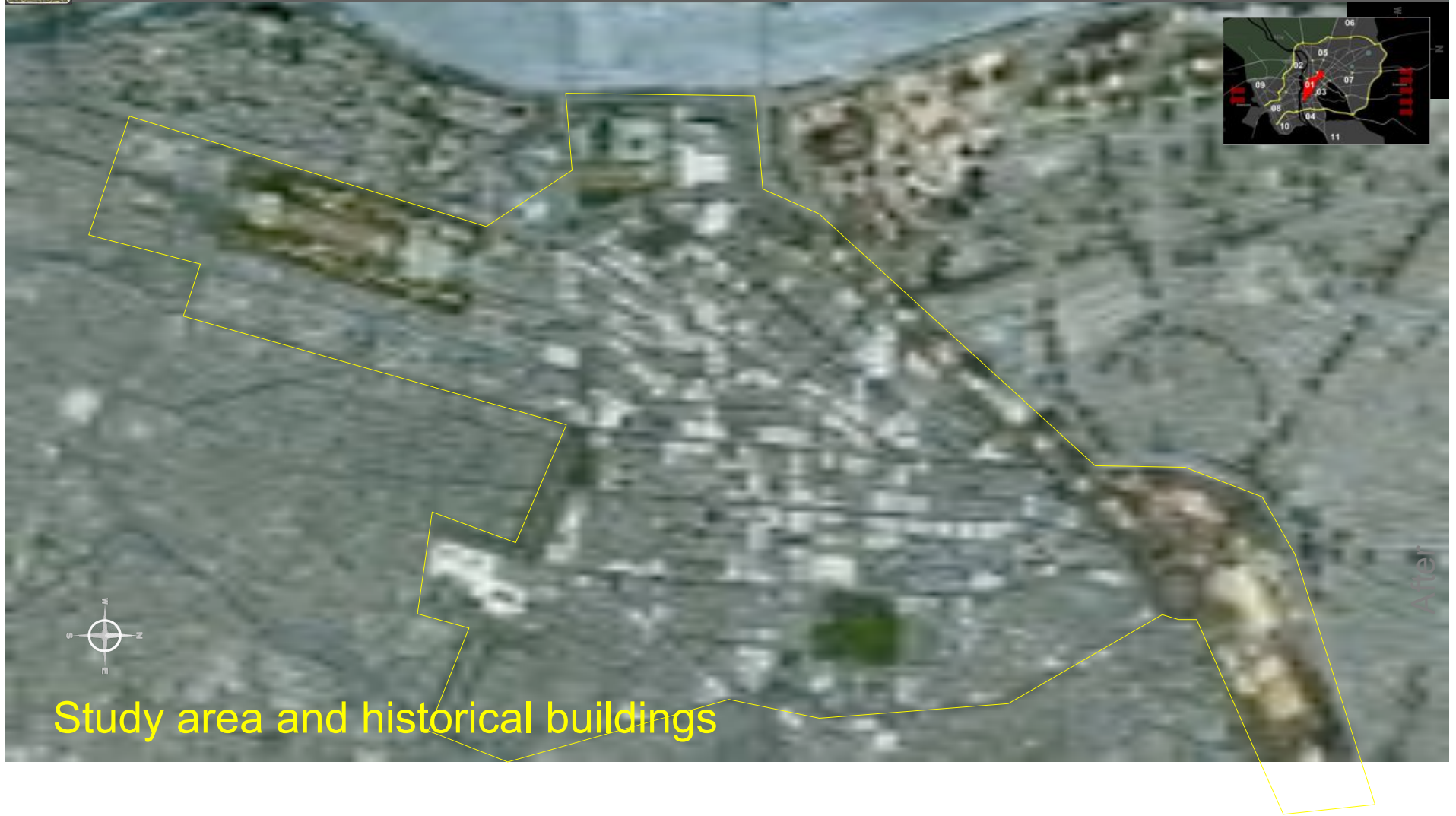
## Upgrading city center – **Khedive Cairo**







## Upgrading city center – **Khedive Cairo**





## Upgrading city center – Khedive Cairo

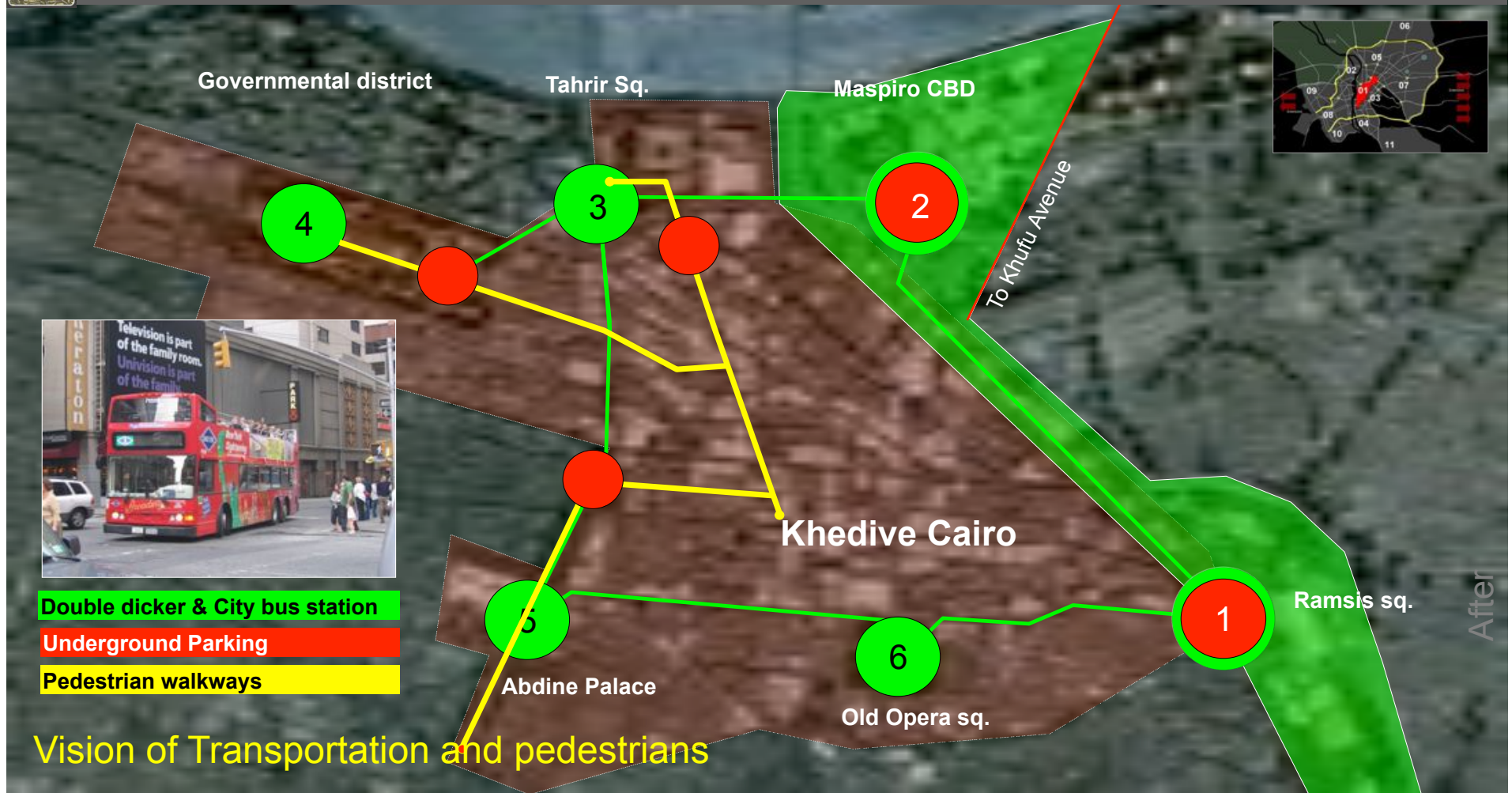


Main sites and restrictions





## Upgrading city center – Khedive Cairo





## Upgrading city center – **Khedive Cairo**







## Upgrading city center – **Khedive Cairo**

After



A commercial street down town – for pedestrians, commercial and recreational activities



## Upgrading city center – **Khedive Cairo**



Places to access parking areas and metro stations





## Upgrading city center – **Khedive Cairo**



**Coffee shops and restaurants in pedestrians streets**



## Upgrading city center – **Khedive Cairo**



**Arts and recreational activities in pedestrians streets**





## Upgrading city center – **Khedive Cairo**



**Arts and recreational activities in pedestrians streets**



## City Center Upgrading – **Khedive Cairo**



**Treating methods for commercial fronts down town**





## City Centre Upgrading – Ramsis street and square



Ramsis Square



- Relocated the path of October bridge into the east of the railway station building.
- Renovation of the square through the redesign of all roads connected to the square.
- Reutilizing the lands owned by the railway organization to be redesigned as parks and valve for residents of the area.
- Releasing the pressure on Egypt station through Qalyoub Station north and Monib station south.



## City Centre Upgrading – Ramsis street and square

**After**



Ramsis station

then new October bridge Path

Railway Organization Centre

New Ramsis square

Commercial, cultural ,  
Administrative services

Ramsis Hanged Resort – The old Bridge

Investment  
building

Three stars  
hotel

**Ramsis Square and Park**  
Business and Entertainment



## New Cairo trade and Business center (New governmental district) and its surrounding area



New business center in Cairo (New governmental district)



- The construction of a new city trade and business center (CBD) east Cairo, area of 2000 Feddan.
- Some of the ministries, governmental authorities, and syndicates will be transferred to the new CBD.
- The new CBD will include a park ( public open area) with area of 300 Feddan.
- An administrative area that includes international and local companies.





## New Cairo trade business center (New governmental district)

New business center in Cairo (New governmental district)

El-Ein El-Sokhna road

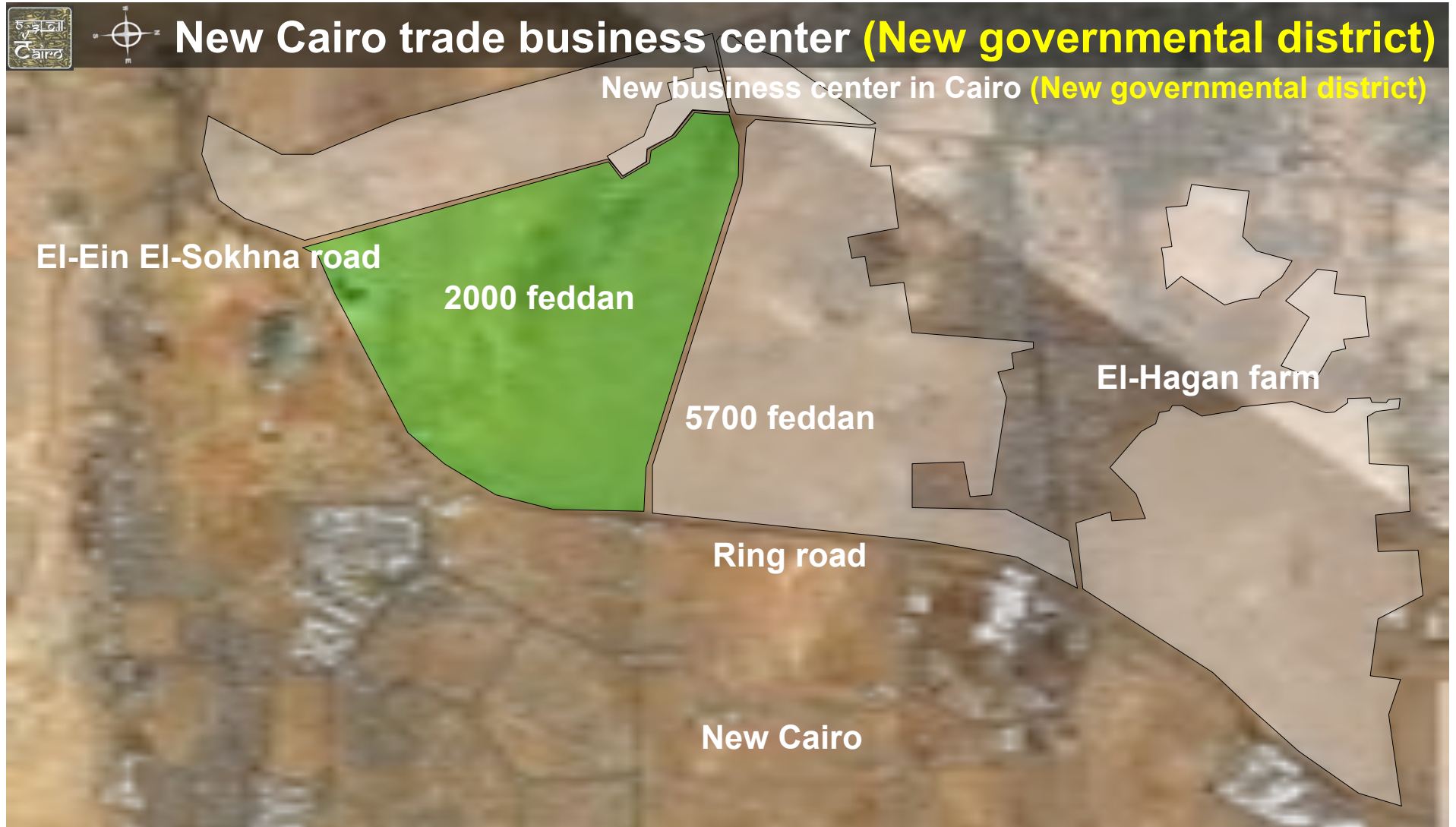
2000 feddan

5700 feddan

El-Hagan farm

Ring road

New Cairo





# New Cairo trade business center (New governmental district)



Conference Halls

New business center in Cairo (New governmental district)

Shoura Assembly

People Assembly

Prime minister

Golf Course

Cairo Park Resort

Video





## New Cairo trade business center (New governmental district)

New business center in Cairo (New governmental district)







## New Cairo trade business center (New governmental district)

New business center in Cairo (New governmental district)



**Increasing green areas**



## Upgrading Nile Cornish (Nile front) – **touristic, recreational and Administrative centre 1200 feddan**



- Starting from Maspiro triangle to Rod El Farag with an area of 1200 Feddan, 6 km in length to be a touristic, recreational and administrative centre.
- Creation of a recreational resort for the residents along the Nile sides.
- Permission to construct administrative and touristic towers.
- The building ratio should not exceed 20%, and the rest should be allocated for parks and open spaces.





Upgrading Nile Cornish (Nile front) – **touristic, recreational and Administrative centre 1200 feddan**



**Current urban situation**

## Upgrading Nile Cornish (Nile front) – **touristic, recreational and Administrative centre 1200 feddan**



2 Stars Hotels & Park



**Current urban situation**



## Upgrading Nile Cornish (Nile front) – **touristic, recreational and Administrative centre 1200 feddan**



Mohamed Ali Palace

Palace Hotel Parks

Palace Bridge

El Warak Recreational Parks

Nile Cornish Hotel Parks

Nile Cornish  
Business Parks

Open Market

Nile Cornish  
Business Parks

Nile Cornish  
Business Parks

Zamalek

Hanged Ramsis Parks

Ramsis Station

Ramsis Square



Khodive  
Cairo

Ramsis st. Parks

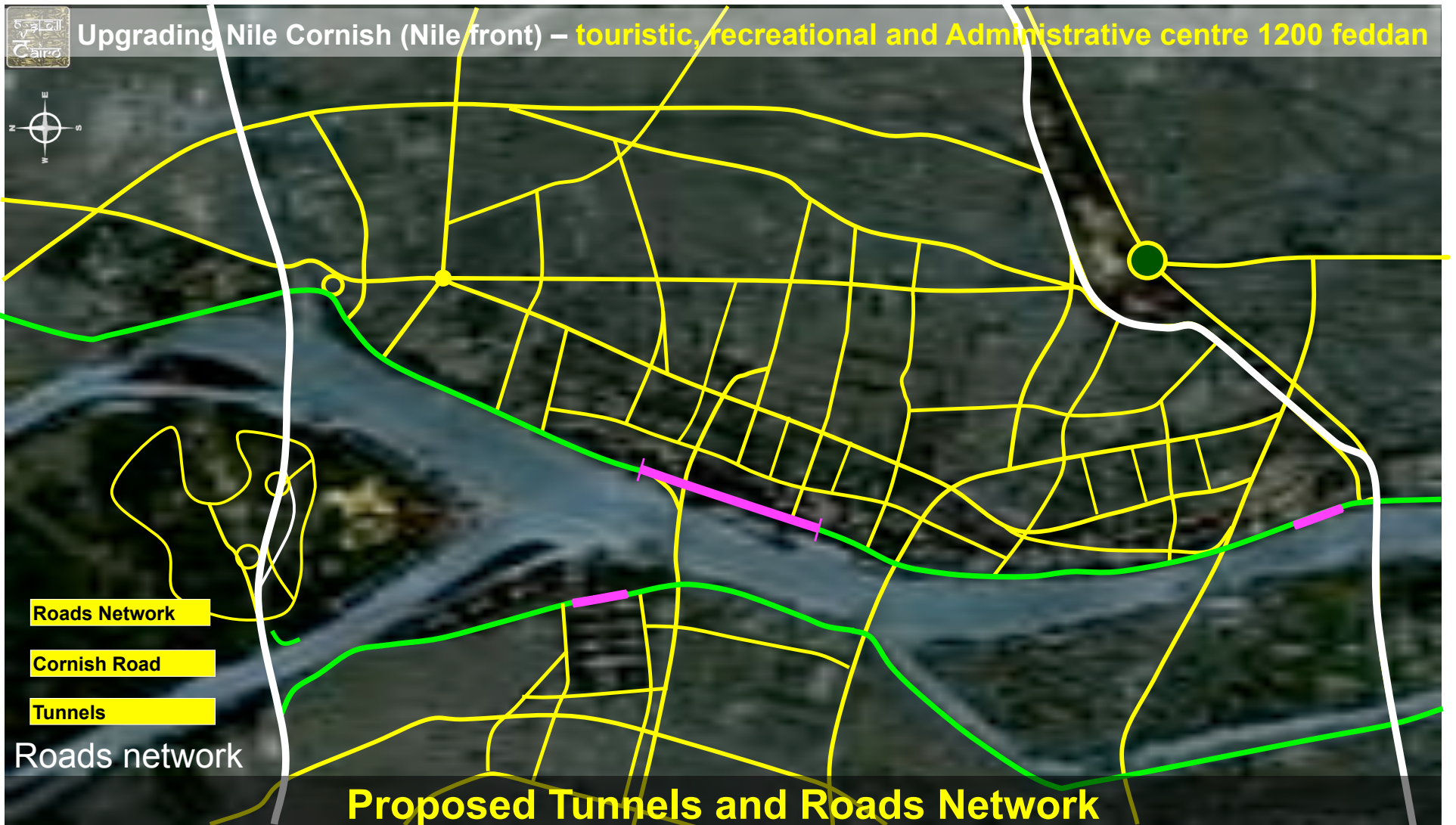
Maspeero  
Business Centre

## Proposed Planning



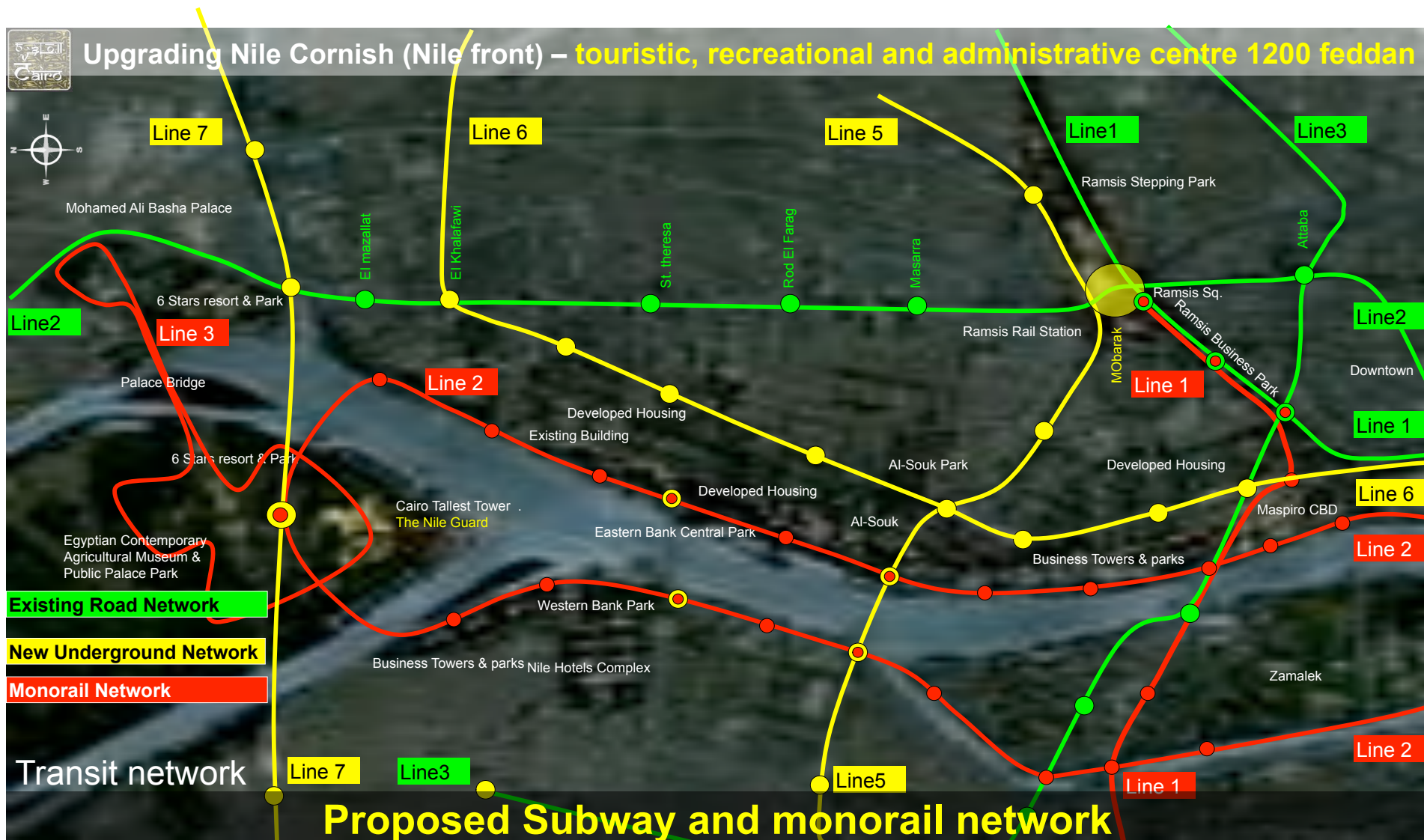


## Upgrading Nile Cornish (Nile front) – **touristic, recreational and Administrative centre 1200 feddan**





## Upgrading Nile Cornish (Nile front) – touristic, recreational and administrative centre 1200 feddan







Upgrading Nile Cornish (Nile front) – **touristic, recreational and administrative centre 1200 feddan**





## The preliminary schemes for the Nile Cornish landscape





Upgrading Nile Cornish (Nile front) – **touristic, recreational and Administrative centre 1200 feddan**



# El Azhar Parks ( Salah Salem Cemeteries Area)

El Azhar Parks – Cairo Khan ( 2700 feddan)



**In the Cairo centre along Salah Salem Road/Autostrad utilizing the area currently occupied with 1400 Feddan through:**

- Creation of new cemeteries areas in west and east of the region and compensating the owners with new ones.
- Conservation of historical buildings and monuments inside the cemetery area, and the construction of handcrafts centre.
- Upgrading the existing housing area and construction of alternate housing for the residents of the cemetery area.
- The transferred cemeteries areas are to be renovated as public open spaces, parks and gardens with the addition of some recreational activities ( restaurants, cafeterias, small size hotels).



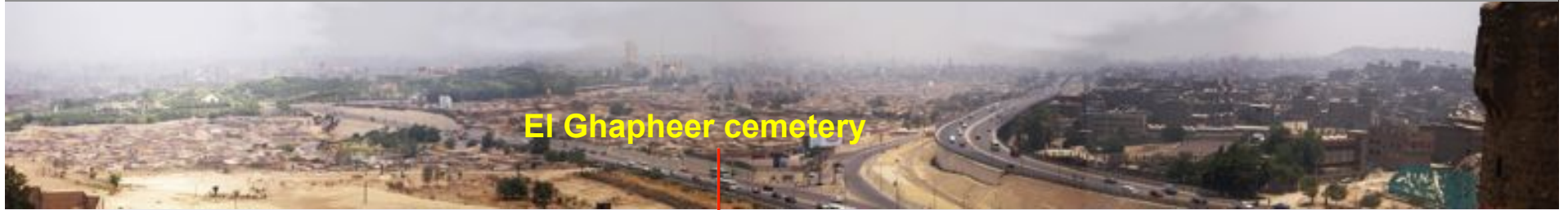
## El Azhar Parks ( Salah Salem Cemeteries Area)



The Citadel cemetery



## El Azhar Parks ( Salah Salem Cemeteries Area)



## El Azhar Parks ( Salah Salem Cemeteries Area)





# El Azhar Parks ( Salah Salem Cemeteries Area)

El Azhar Parks – Cairo Khan ( Salah Salem Cemeteries Area 2700 Feddan)



Grand Azhar Parks

Grand Fostat Parks

Informal Areas 1300 Feddan

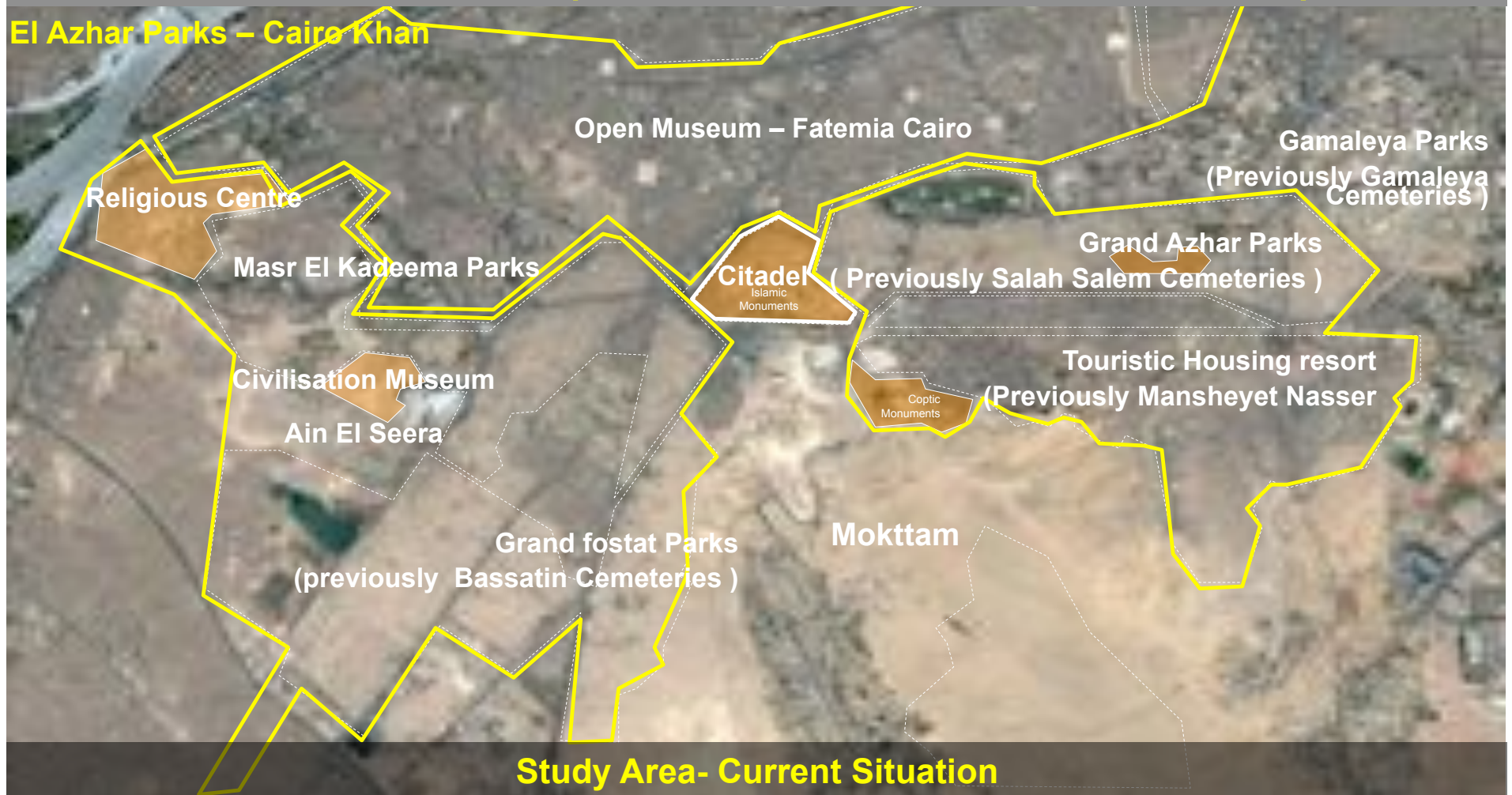
Cemetery 1400 Feddan

Mansheyet  
Nasser

Ezbet Khayr Allah

# El Azhar Parks ( Salah Salem Cemeteries Area)

El Azhar Parks – Cairo Khan



Study Area- Current Situation

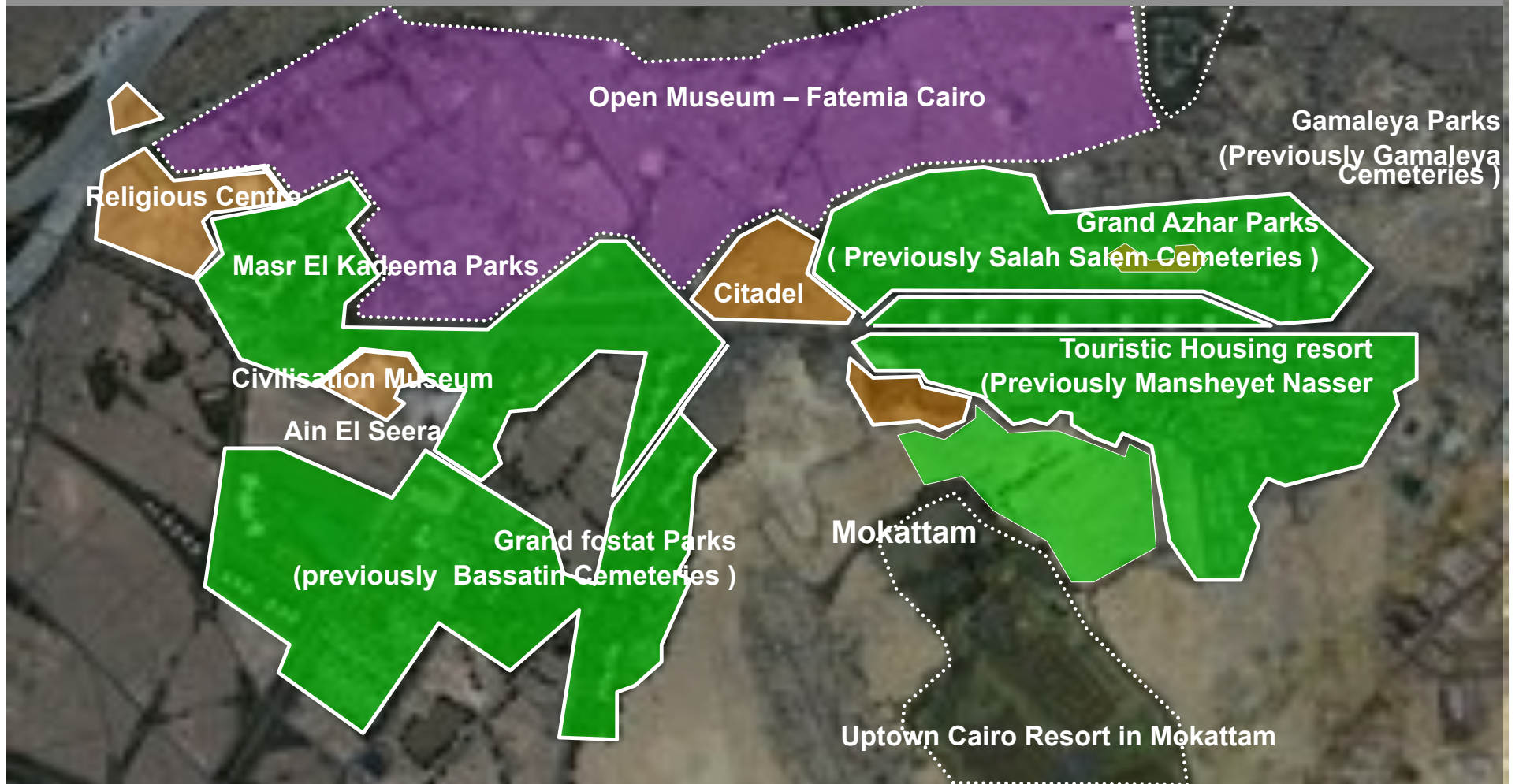


## El Azhar Parks ( Salah Salem Cemeteries Area)





## El Azhar Parks ( Salah Salem Cemeteries Area)





Video

Cairo 2050



the great economic band of the business park

مشارقة القاهرة المستقبلية - القاهرة 2050  
Cairo Future Vision 2050





## El Azhar Parks ( Salah Salem Cemeteries Area)







## Upgrading of Nile Islands - **El Warrak & El Dahab**



**El Warrak Island**

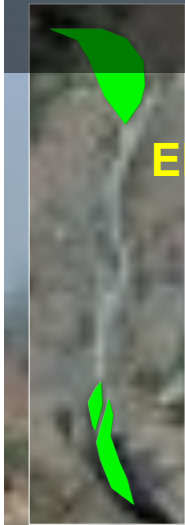


**The continuous Informal urban extension on the river Nile islands – photos of the current situation**

## Upgrading of Nile Islands - **El Warrak & El Dahab**



**El Warrak Island**



**The continuous Informal urban extension on the river Nile islands – photos of the current situation**



## Upgrading of Nile Islands - **El Warrak & El Dahab**



**El Warrak Island**



**The continuous Informal urban extension on the river Nile islands – photos of the current situation**

## Upgrading of Nile Islands - **El Dahab Island Parks**



**El Korsaya Island**

**El Dahab  
Island**

**The continuous Informal urban extension on the river Nile El Dahab Island  
photos of the current situation**

## Upgrading of Nile Islands - **El Dahab Island Parks**



**El Dahab island**



**The continuous Informal urban extension on the river Nile El Dahab Island**  
**photos of the current situation**



## Upgrading of Nile Islands- **El Dahab Island Parks**



**El Dahab island**



**The continuous Informal urban extension on the river Nile El Dahab Island  
photos of the current situation**

## Upgrading of Nile Islands - **El Dahab Island Parks**



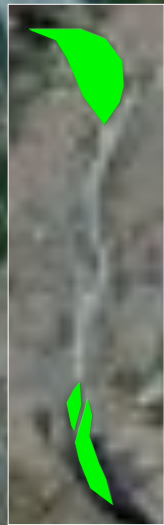
The opportunity to utilize El Warrak island of 1400 feddan and El Dahab island of 400 feddan as **recreational parks and gardens**

- Utilizing the governmental owned islands to be recreational parks with good management.
- Considering the social aspect for islands residents through improvement of living conditions, planning a private residential district, providing the required services, while converting their economic power towards serving the newly allocated services.
- The recreational activities shouldn't exceed 10 % .





## Nile Islands – El Warak Island Parks



Development area

Mohamed Ali Pasha  
Palace

Informal areas



**Layout- Current urban situation**





## Nile Islands – El Warrak Island Parks

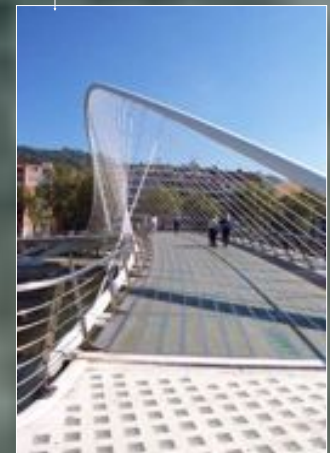


Agri-Island Parks – Open  
Agri-Museum

Mohamed Ali Pasha Palace

The Palace Pedestrian  
Bridge

Mohamed Ali  
Palace Hotel  
garden



## Proposed Layout



## Nile Islands – El Dahab Island Parks

### The Cairo Cloud- El Dahab Island Parks







## Nile Islands – El Dahab Island and El Korsaya

### The Cairo Cloud- El Dahab Island Parks



Gardens ,Parks ,and Play Yards – The Cloud Recreational touristic Project.





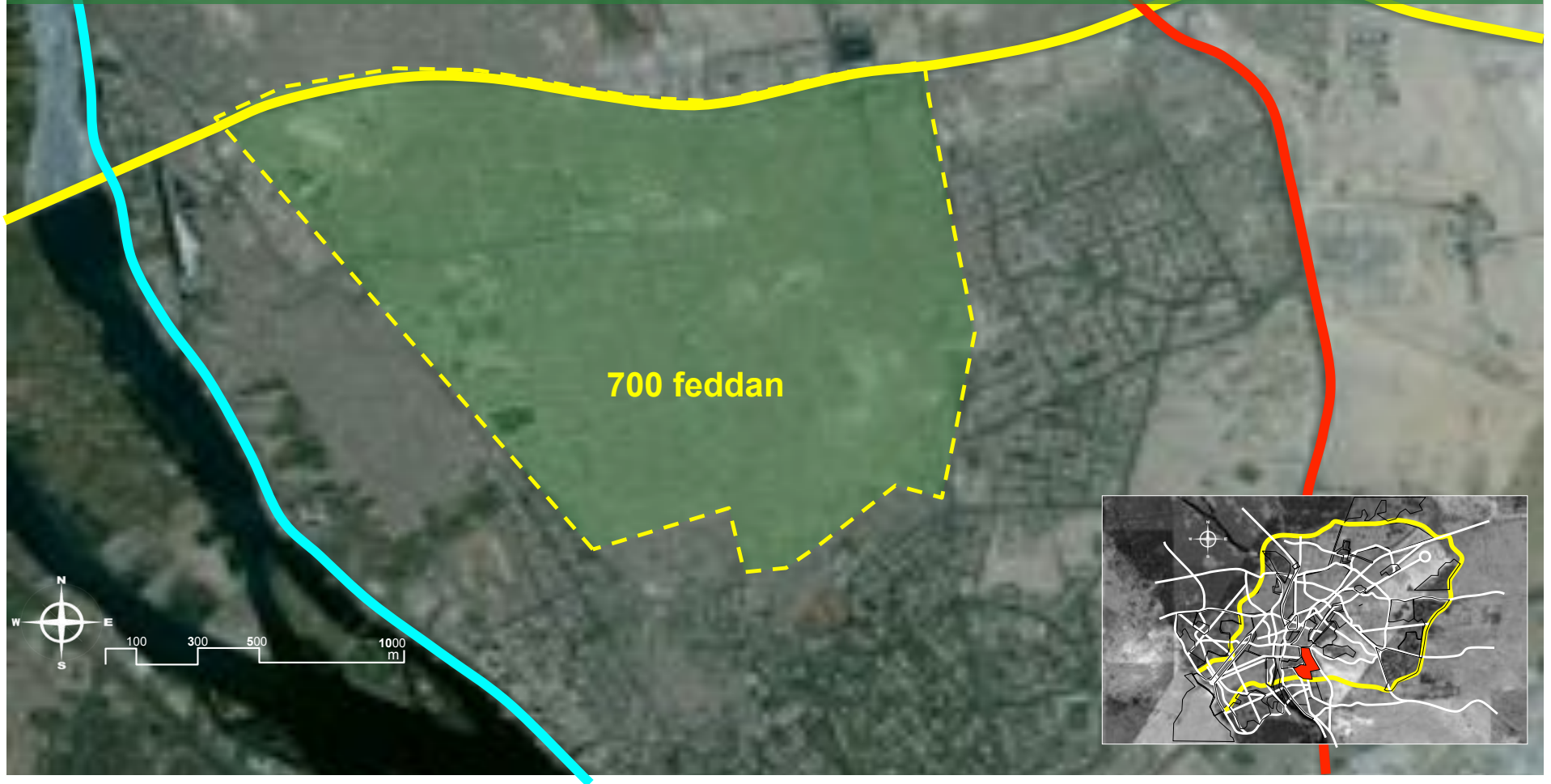
# Rarefaction of El Bassatin and Dar El Salam Parks and Roads





## Rarefaction of Dar El Salam and El Bassatin

### Parks and Roads Network

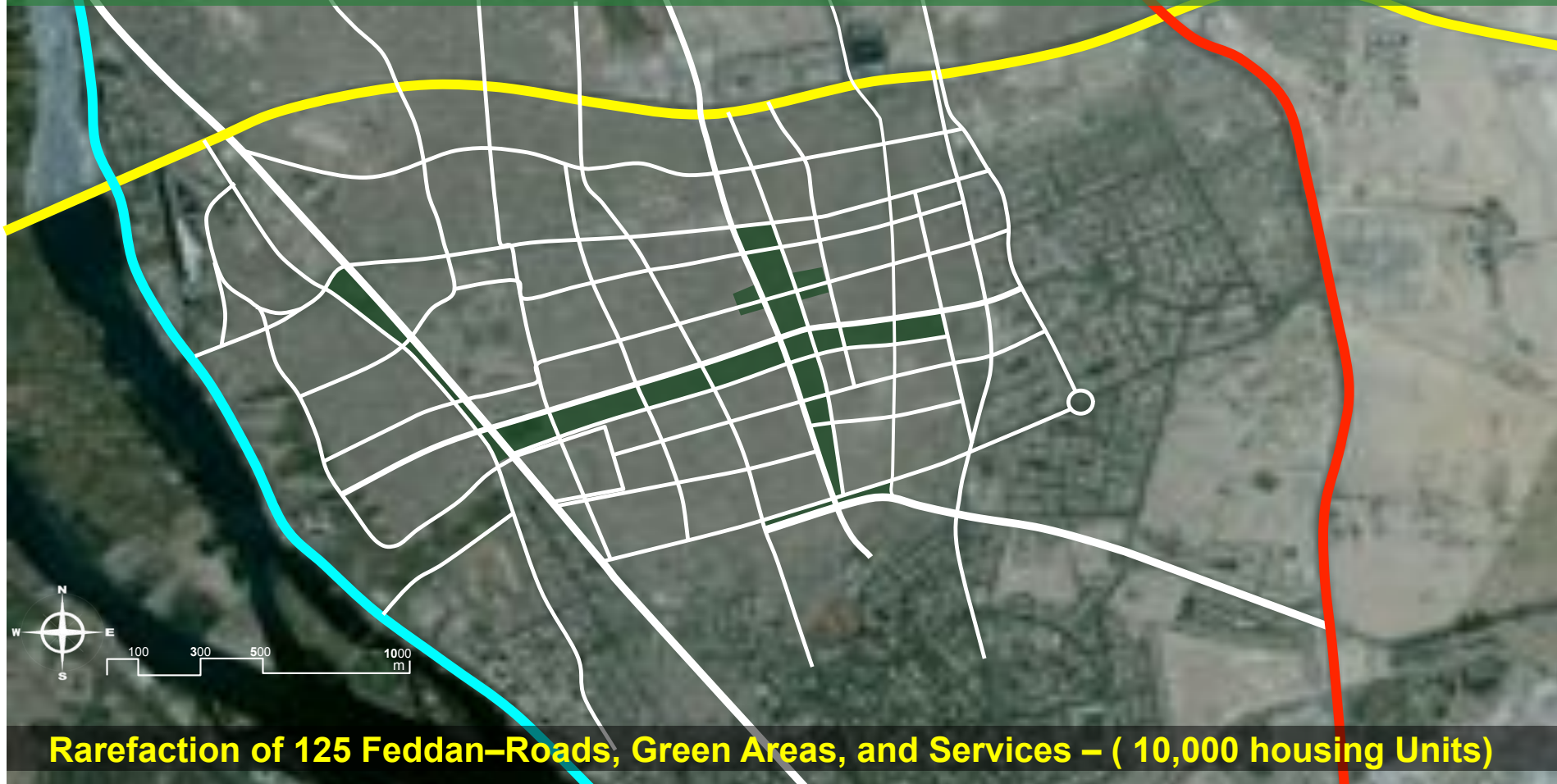






## Rarefaction of Dar El Salam and El Bassatin

### Parks and Roads Network



**Rarefaction of 125 Feddan–Roads, Green Areas, and Services – ( 10,000 housing Units)**



# Ain Shams and el Matareya Parks – (City of the Sun )



City of the Sun – El Masalah Avenue



- Creation of a new Avenue 200 m width, 4 km length, opens field of vision of the obelisk and area monuments.
- Rarefaction of the monuments area ( Ain shams – Old City of Aoun and el Matareya – Shagaret Mariam).
- Along The Avenue is a centered green area with 100 m width.
- The services are allocated to serve residents of the area, while the touristic buildings are allocated along both sides of the Avenue



## Ain Shams and el Matareya Parks – (City of the Sun )

City of the Sun– El Masalah Avenue

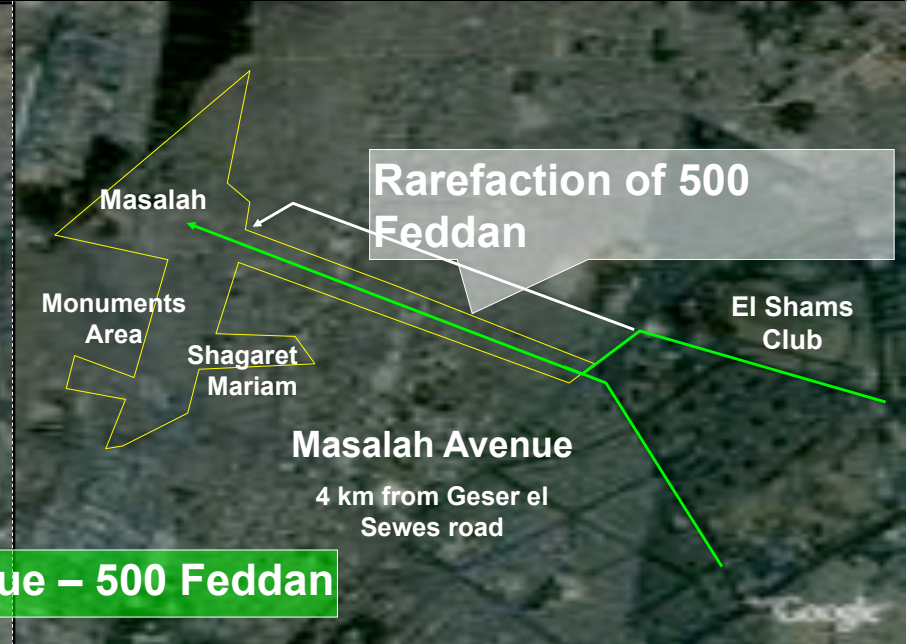






# Ain Shams and el Matareyah Parks – (City of the Sun )

## City of the Sun – El Masalah Avenue

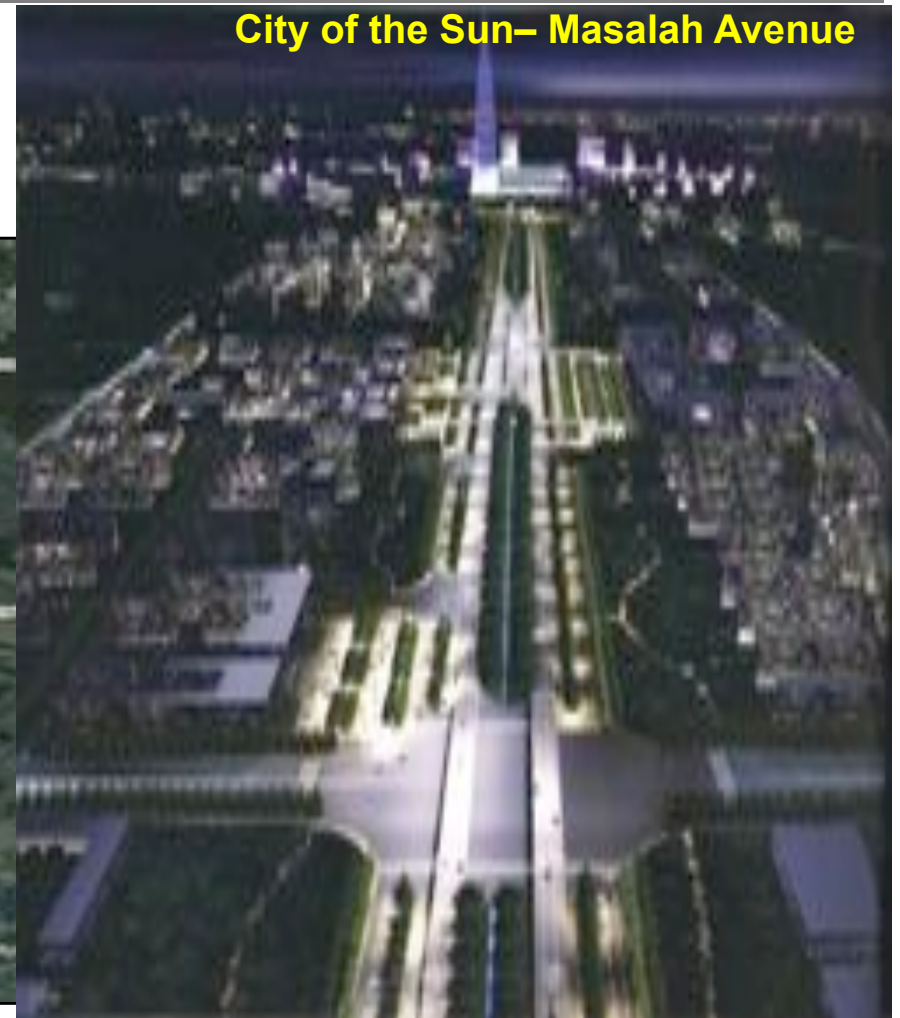






## Ain Shams and el Matareyah Parks – (City of the Sun )

Parks and City of the Sun Avenue – 500 Feddan



City of the Sun– Masalah Avenue



## Rarefaction of Shoubra and Kalyoub Areas – Parks and Roads Network

5500 Feddan

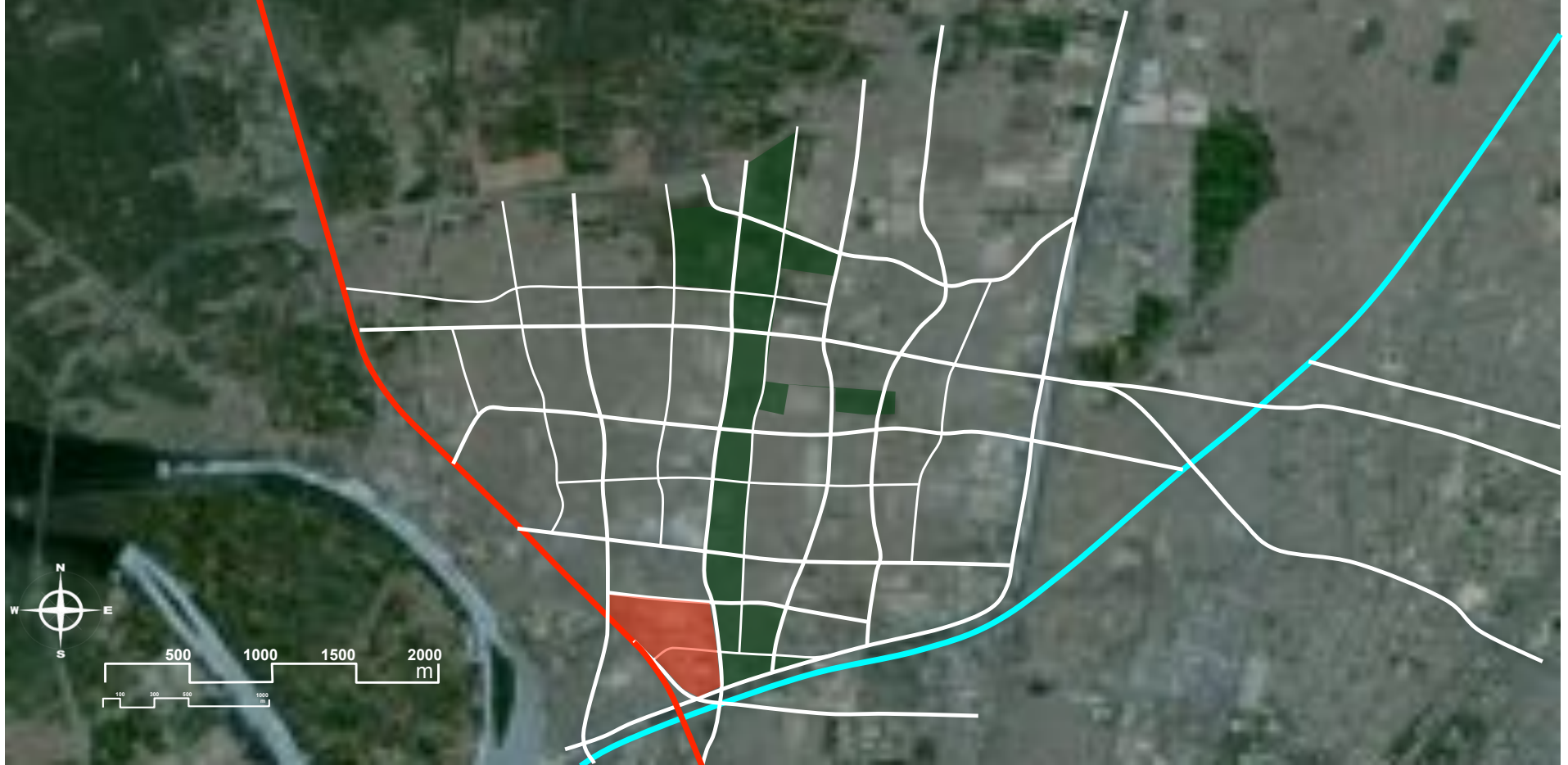






## Rarefaction of Shoubra and Kalyoub Areas – Parks and Roads Network

**Rarefaction of 180 Feddan – Roads, services and Parks – ( 14,000 housing Unit)**





**Rarefaction of Informal Areas and open Axes to  
ensure the unique characteristic Heritage and  
Monuments Elements**



## Upgrading of Nazlet El Seman area



**Transformation of Nazlet El Seman area (253 acres) to an open Museum through the disclosure of the valley temple of King Khufu**

Considering the social aspect of the residents, through their reallocation in alternate housing area built partially on the same area and available spaces.

- Diverting their economic activity into newly allocated services and increasing the employment opportunities
- Creation of convenient touristic activities to utilize the opportunities of the unique site.



## Upgrading of Nazlet El Seman area









# Upgrading of Nazlet El Seman area



535 feddan

**The Project Area – current Situation**

15-06-2008





# Upgrading of Nazlet El Seman area



Sphinx Open Museum – Existing location of Nazlet el Seman



The Grand Museum Path

Sphinx Open Museum

Khufu Plaza

The New Nazlet El seman village

Area of International Hotels

Khufu Avenue

El Haram st.

Faisal st.

**The Proposed Project Area**





## Upgrading of Nazlet El Seman area

11,000 new housing unit



**The Proposed Project Area**



### New Housing for people

The new Nazlet el Seman touristic Village :  
11,000 housing units, horse stables, bazaars,  
cafeterias, and restaurants.



## Upgrading of Nazlet El Seman area

The Grand museum

Khufu Avenue

Khufu Plaza

Sphinx open Museum

Area of International Hotels

15-06-2008



## Khufu Plaza Parks



- Open an Avenue along the extension of Gamaet El doal street, 600 m width and 8 km length.
- Open view of the pyramids, centered with green area 250 m in width along the Avenue.
- Rarefaction of boulak el dakroor area the highest density among informal areas.
- Services for resident and touristic buildings are allocated along both sides of the Avenue.





**Boulak El Dakroor Area**



**Boulak El Dakroor Area**



**Boulak El Dakroor Area**





**Boulak El Dakroor Area**



**Boulak El Dakroor Area**

## **The Egyptian Monuments – How is it treated outside Egypt**

### **International Examples**



Champ Elysees - Paris



## International Examples Champ Elysees - Paris



Avenue des Champs Elysees

(L) SF Karsens. Moulins

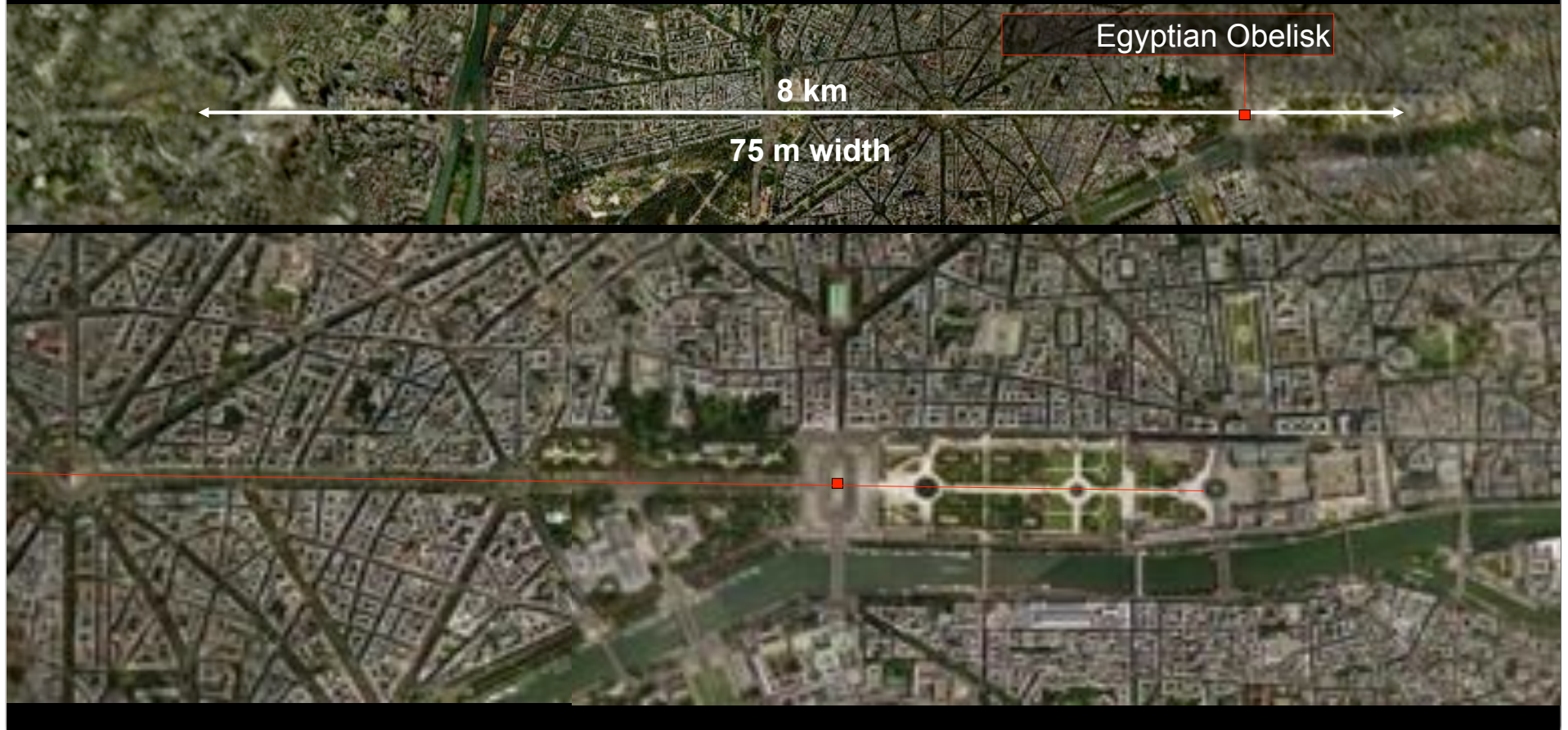


International Examples Champ Elysees - Paris





## International Examples Champ Elysees- Paris





**International Examples Washington MALL - USA**



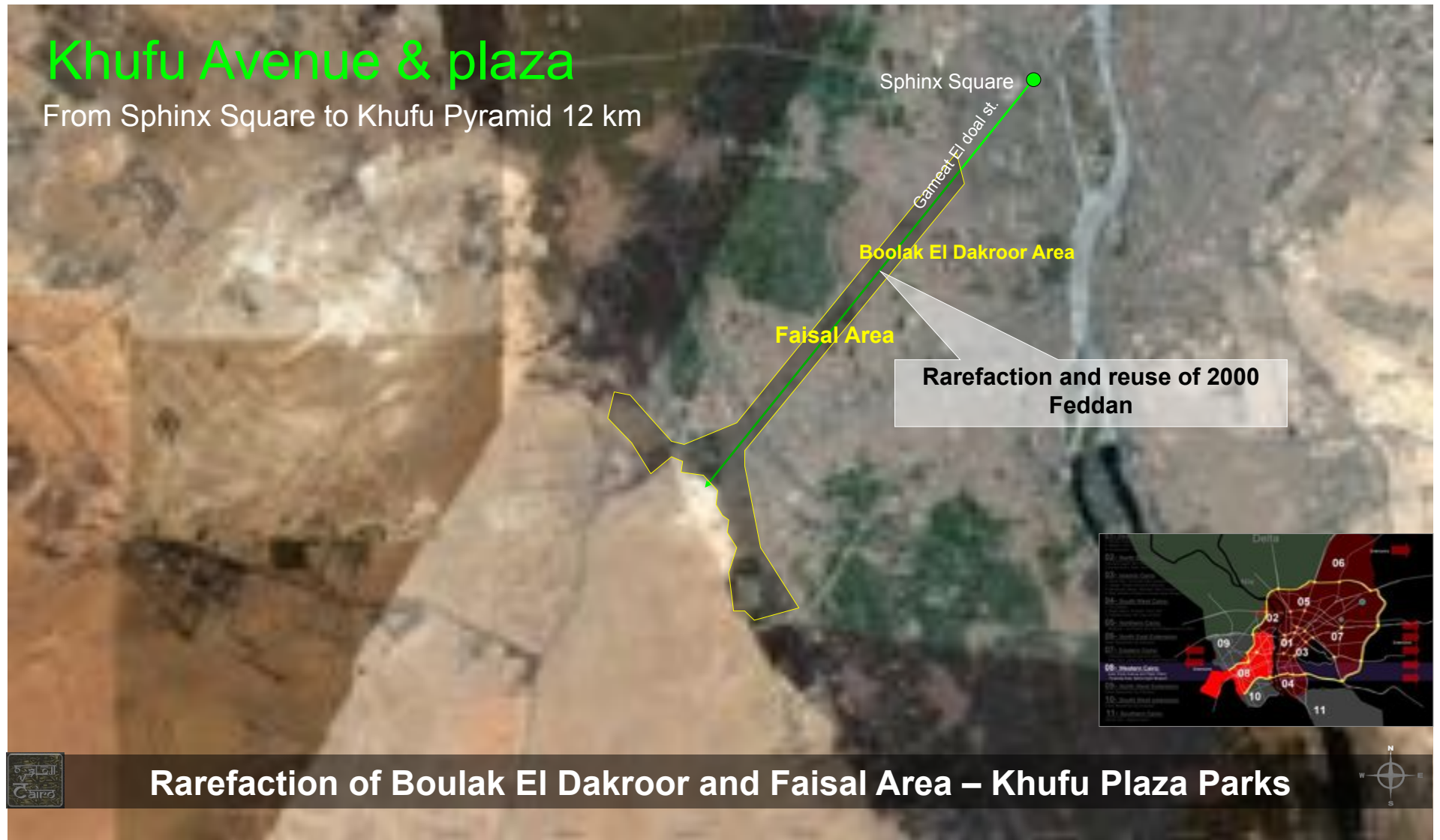
## International Examples Washington MALL - USA





# Khufu Avenue & plaza

From Sphinx Square to Khufu Pyramid 12 km



Rarefaction of Boulak El Dakroor and Faisal Area – Khufu Plaza Parks



# Khufu Avenue & plaza

From Sphinx Square to Khufu Pyramid 12 km

Urban Extension

Sphinx Square

Khufu Avenue

- Khufu Parks 1500 Feddan

The Pyramids

GEM

Khufu Plaza

Nazlet El seman – 500 Feddan

Nazlet el Seman

Urban Extension



Rarefaction of Boulak El Dakroor and Faisal Area – Khufu Plaza Parks





الجمهورية العربية السورية  
الوزارة العامة للتخطيط والتنمية الاقتصادية

# Cairo 2050

## Cairo Future Vision 2050



الرؤية المستقبلية لمدينة القاهرة 2050 - سيناريو 3

### Project Concept

مفهوم المشروع  
مفهوم رؤية القاهرة 2050



### Khufu Avenue and Plaza





Khufu Plaza & Sphinx open Museum



Video

**Khufu Plaza Parks 2000 Feddan**





الجمهورية العربية السورية  
الوزارة العامة للتخطيط  
والتطوير الاقتصادي والاجتماعي

# Cairo Future Vision 2050

رؤية حيروتو للقاء عمره 2050

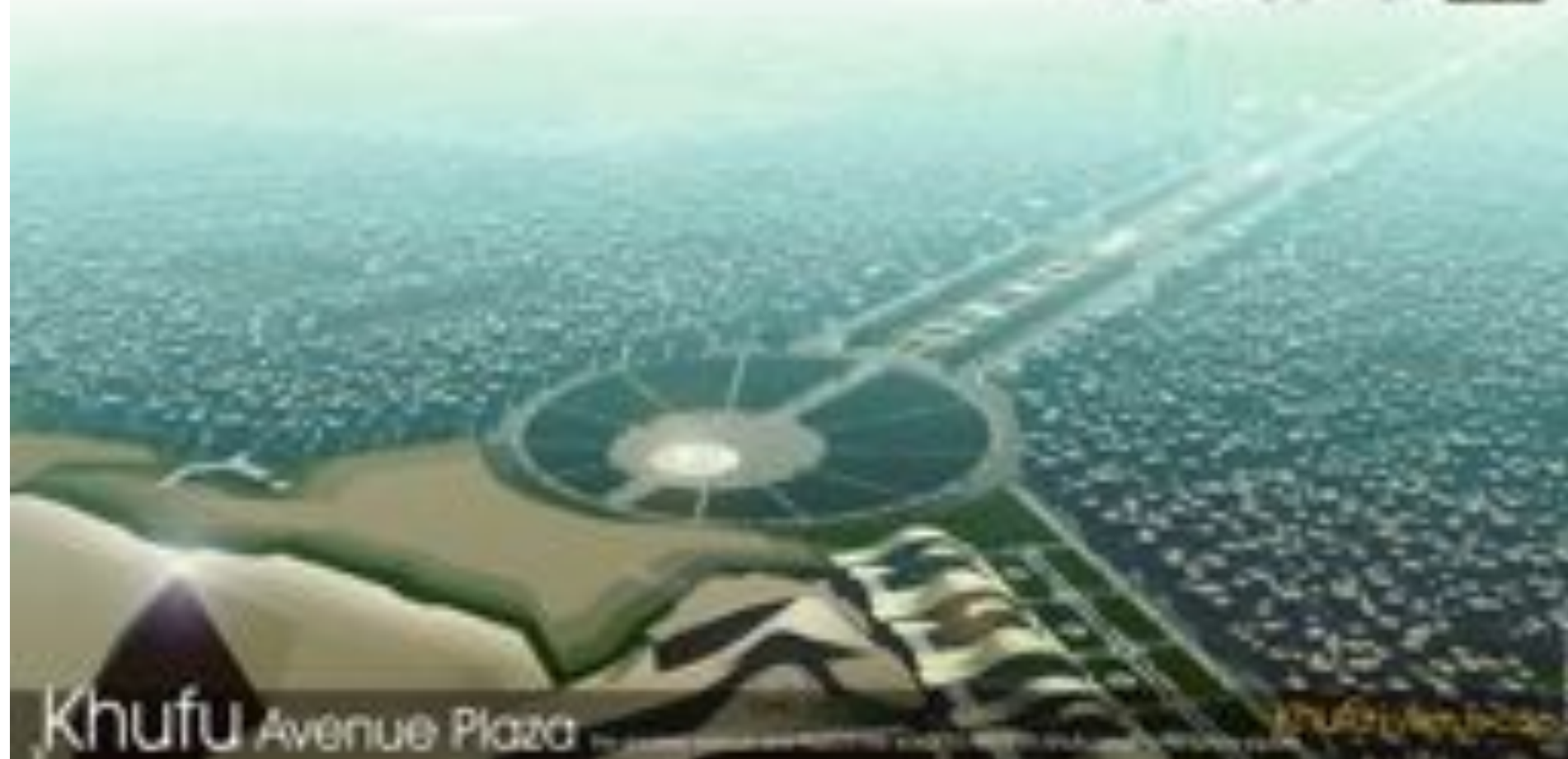


Khufu Avenue & Parks

رؤية حيروتو للقاء عمره 2050

# Cairo Future Vision 2050

رؤية القاهرة للقرن 21



Khufu Avenue Plaza

Khufu Avenue Plaza



Khufu Plaza & Sphinx open Museum



**Khufu Plaza Parks 2000 Feddan**





Khufu Plaza & Sphinx open Museum



**Khufu Plaza Parks 2000 Feddan**



Khufu Plaza & Sphinx open Museum



**Khufu Plaza Parks 2000 Feddan**



Khufu Plaza & Sphinx open Museum

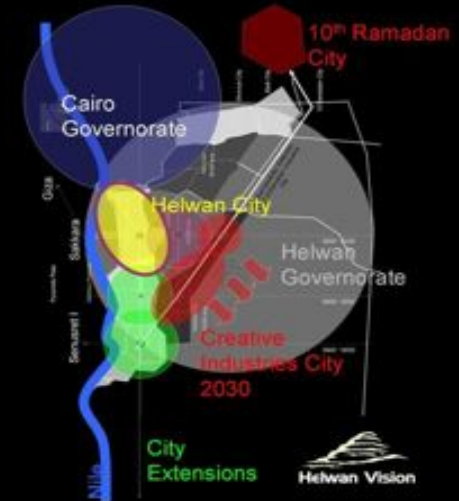


**Khufu Plaza Parks 2000 Feddan**





## Sakkara Avenue- Helwan city



**Creation of an Avenue along the extension of Sakkara Pyramids 300 m in width, 5 km in length from the Nile river to the in-depth of 15<sup>th</sup> May city, and the extension of Helwan city which will:**

- Open the view of Sakkara pyramids.
- Rarefaction of slum areas.
- A park is centered in the avenue with width 150 m along the avenue
- Services and touristic buildings are allocated on both sides of the avenue.

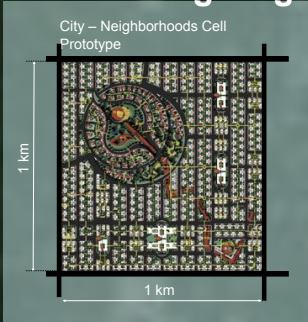
**Sakkara Avenue Parks - Helwan City Vision**



# Sakkara Avenue- Helwan city

50

The new housing neighborhood



500,000 housing unit

Nile Parks 500 Feddan Sakkara Avenue



Sakkara Pyramids



Layout

The new residential areas

10 Km

Spots Parks

15 City of May

5.0 Km

Service centre

8.0 Km

10 Km

Housing Neighborhoods

Sakkara Avenue Parks - Helwan City Vision



## Sakkara Avenue - Helwan city



## Sakkara Avenue Parks - Helwan City Vision





## Sakkara Avenue - Helwan city



Video

Sakkara Avenue Parks - Helwan City Vision



## Rarefaction of El Monib area - **Giza**

### • Current Situation Problems:

- High pedestrian density on el Monib square.
- No linkage between different transportation means in el Monib square.
- High traffic density in both el baher el aazam st. and rabeea al geezy.
- No central station in el Monib for all transportation means.

**2500 Feddan**   
Current Study area





## Rarefaction of El Monib area- **Giza**



**2500 Feddan**   
Current Study area





## Rarefaction of El Monib area- **Giza**



**2500 Feddan**   
Current Study area



## Rarefaction of El Monib area- Giza



2500 Feddan   
Current Study area



## Rarefaction of El Monib area- **Giza**



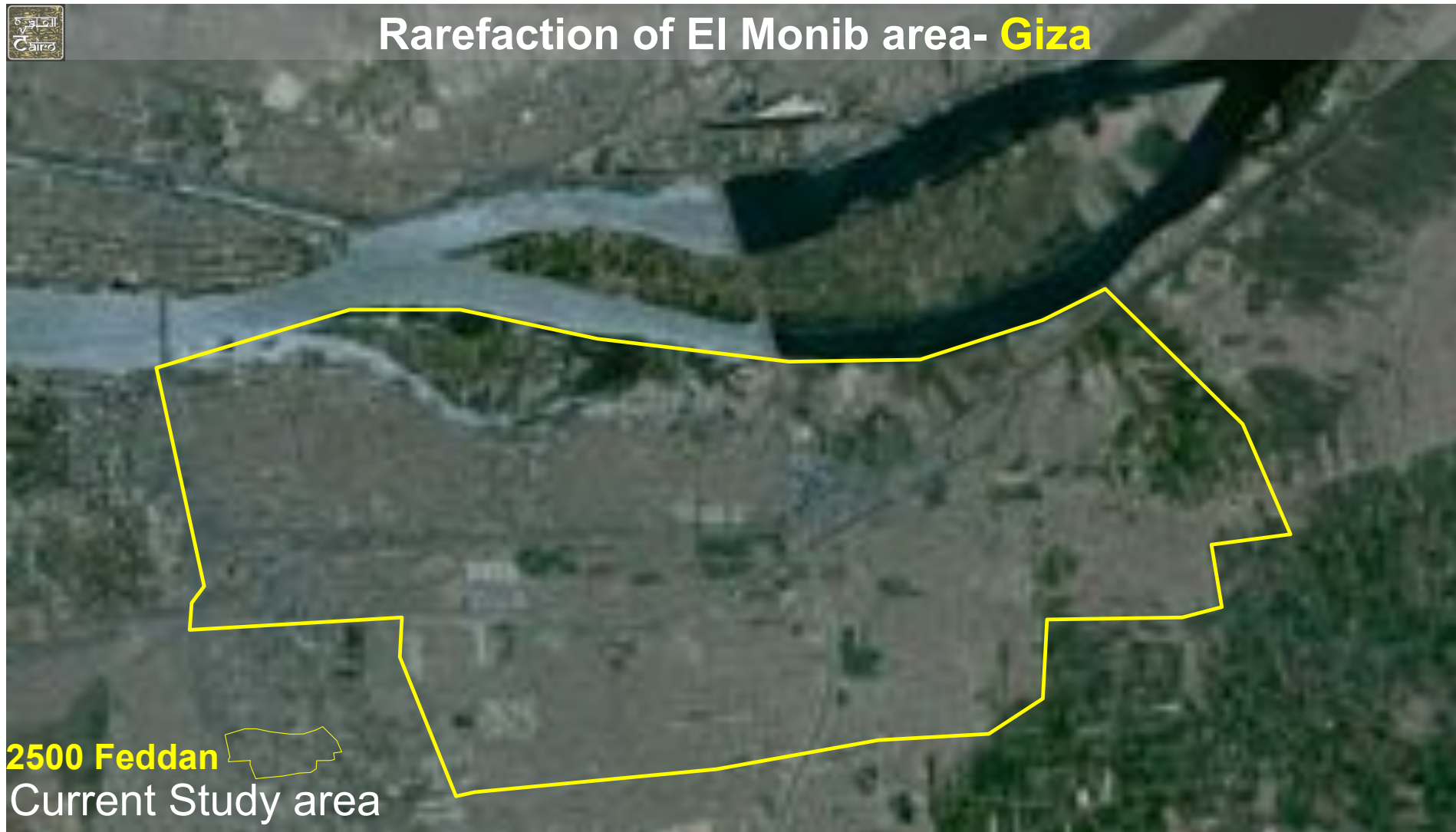
**2500 Feddan**   
Current Study area





## Rarefaction of El Monib area- **Giza**

**2500 Feddan**  
Current Study area





## Rarefaction of El Monib area- **Giza**







## Rarefaction of El Monib area- Giza







## Land Port – Monib - Giza



Bus station & underground bus station

Taxi port & underground taxi port

### Land Port – Monib Square

Mall & office Buildings

Metro & Train Station Buildings

Microbus port & underground microbus port

Monib Terminal Station Layout



## Land Port – Monib - Giza





## Land Port – Monib - Giza







## Land Port – Monib - Giza





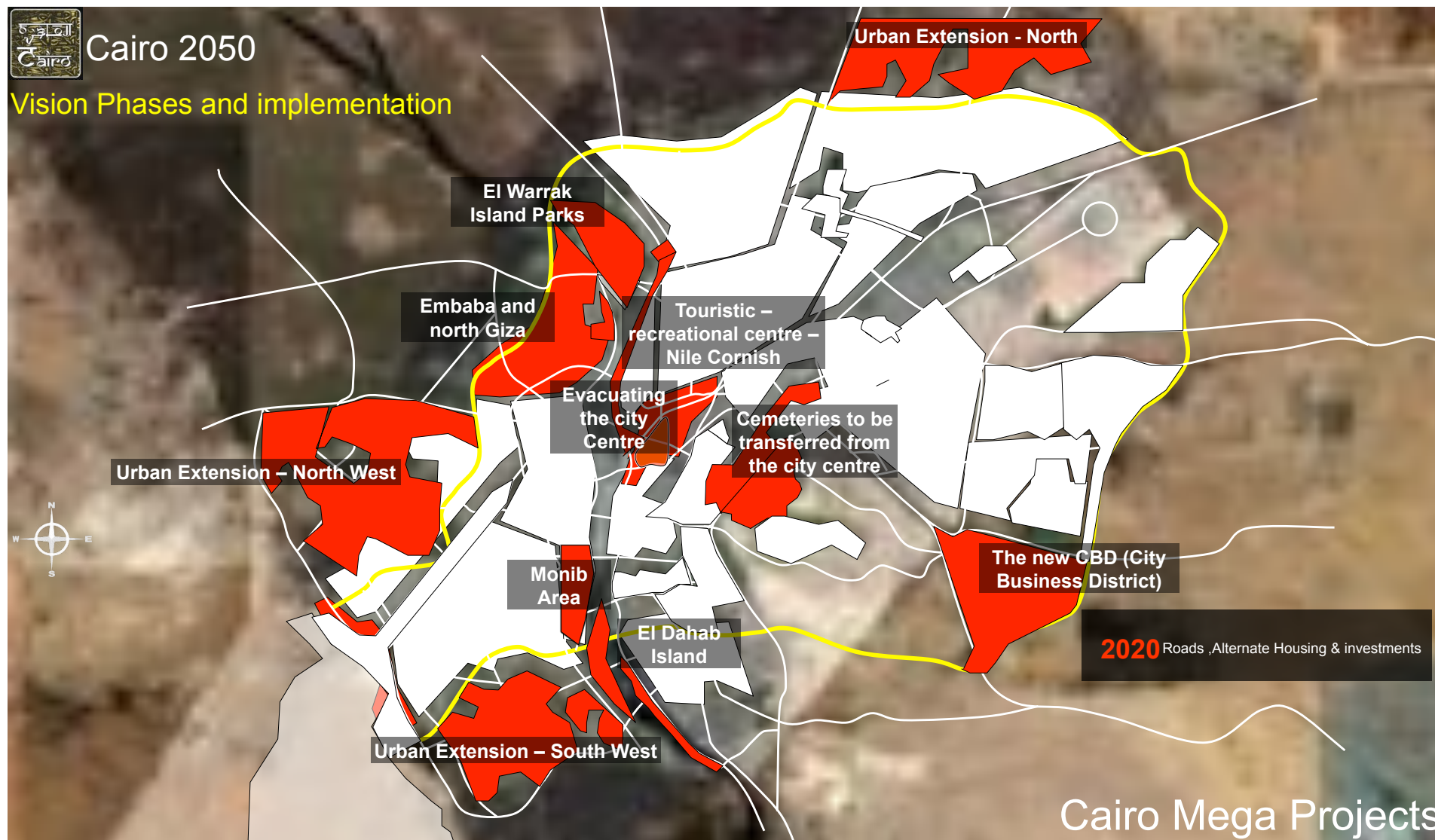
## Land Port – Monib - Giza





# Cairo 2050

## Vision Phases and implementation

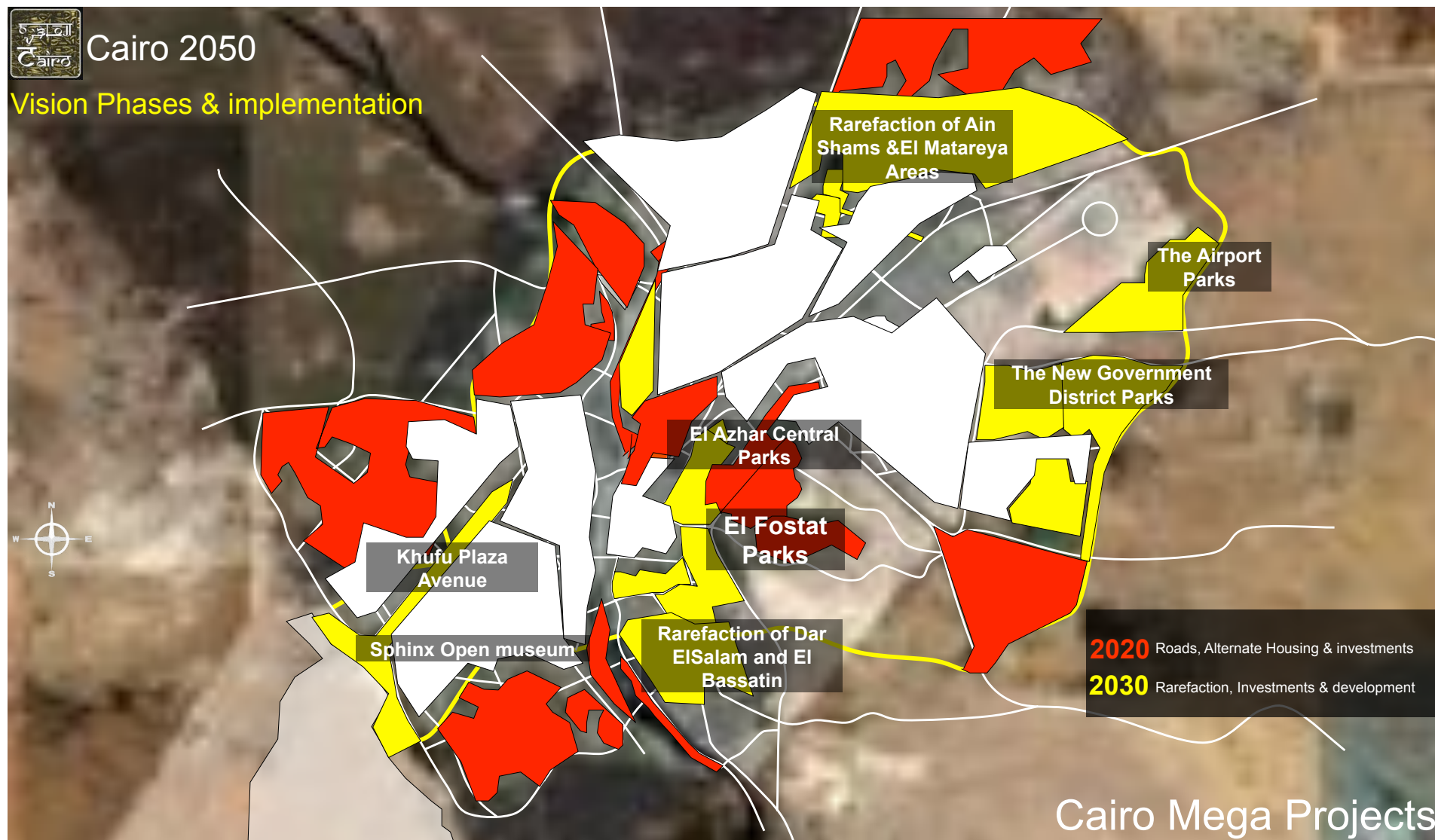






Cairo 2050

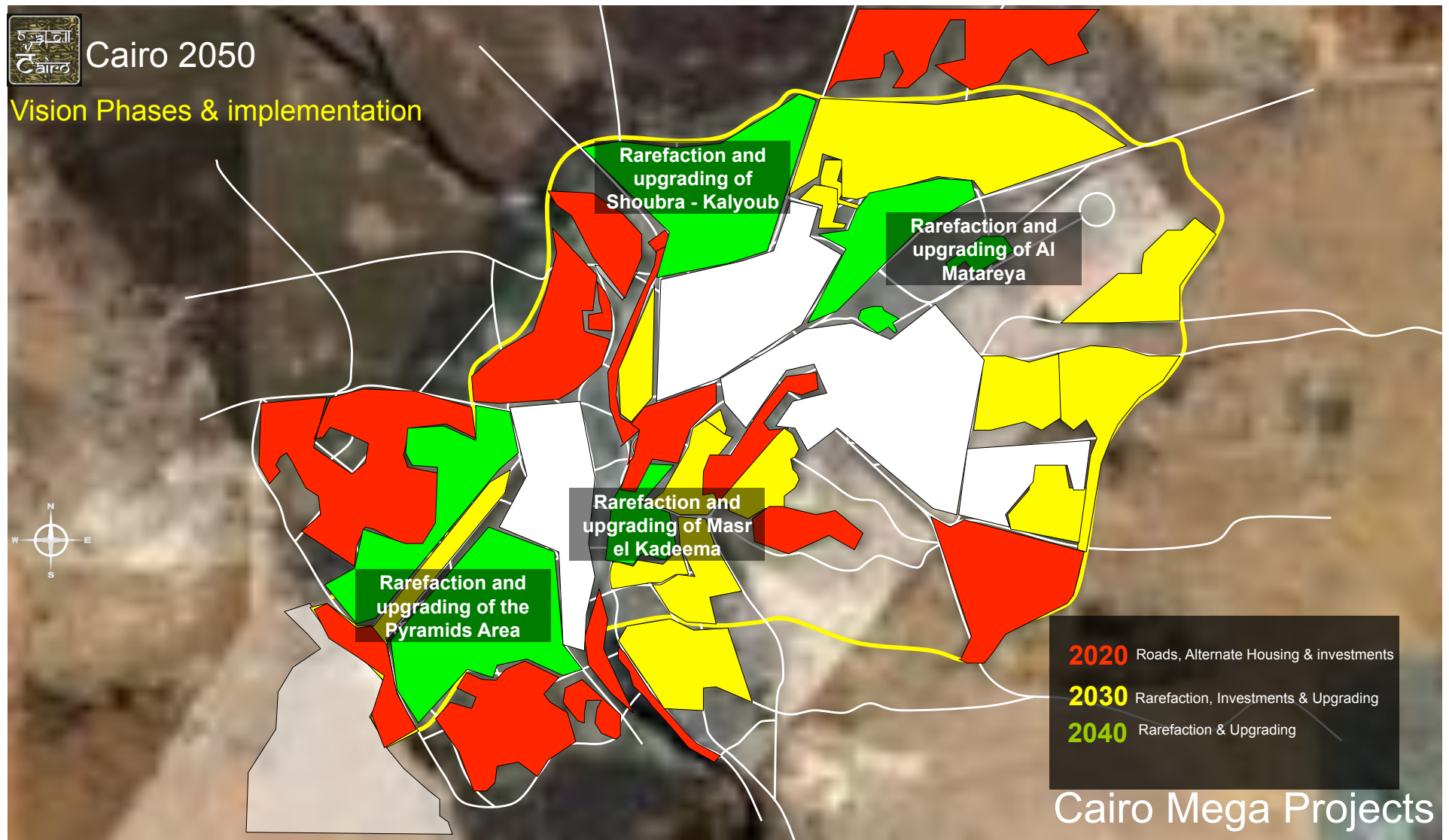
## Vision Phases & implementation





Cairo 2050

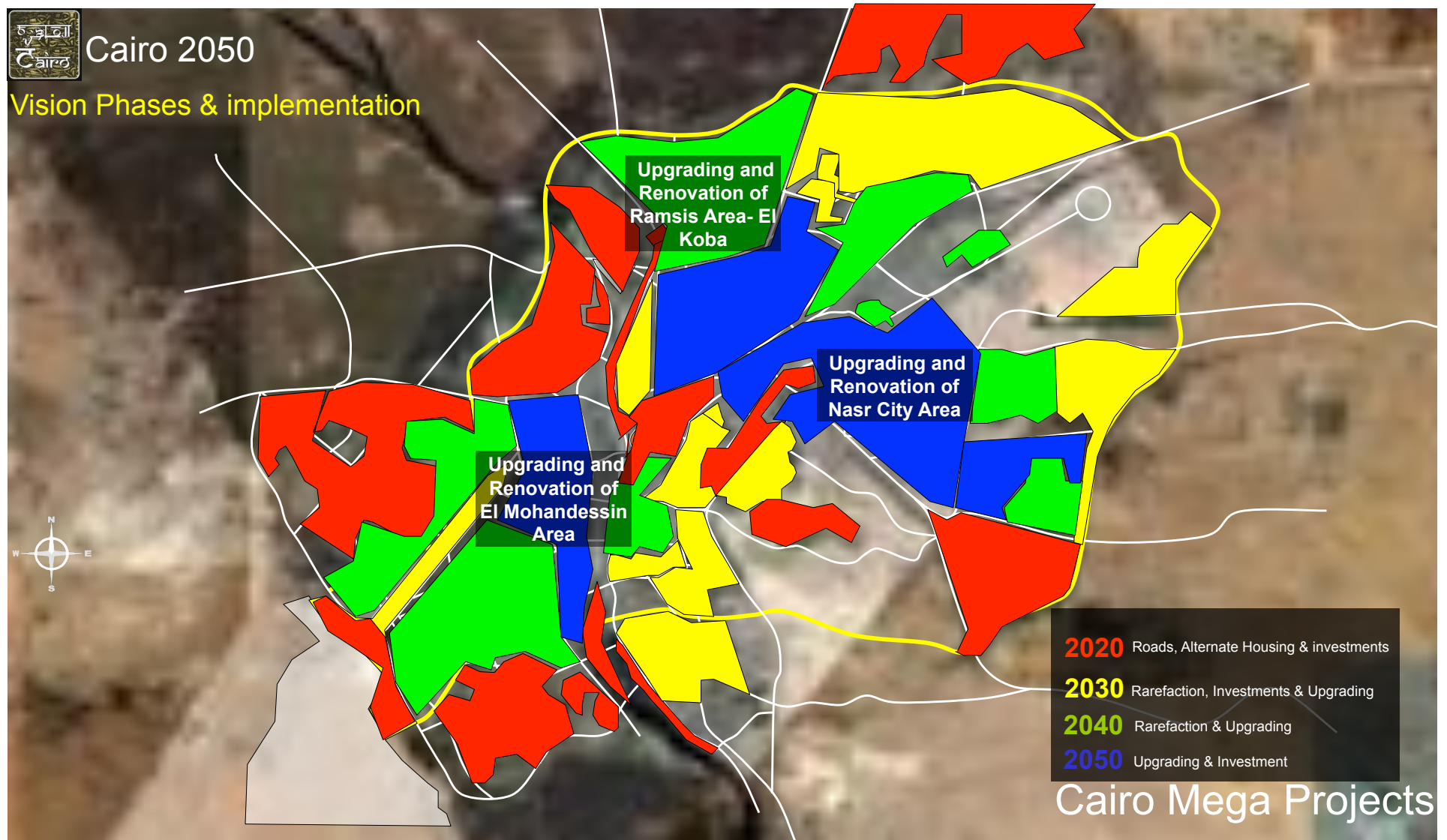
## Vision Phases & implementation





Cairo 2050

## Vision Phases & implementation



Cairo Mega Projects





## Projects to be implemented by year 2020

- Completion of new corridor roads and ring road.
- Completion of ongoing development projects of the northern sector of Giza.
- New governmental city.
- Completion of linking new urban communities with main agglomeration.
- Completion the upgrading projects for all unsecure informal areas.
- Completion the regional ring road.
- Completion the third and the fourth lines of Metro (subway).
- Upgrading of Nazlet El-Seman informal area and the first phase of Khufu plaza.
- Upgrading the Nile banks and business centers.





# THANK YOU

**Nothing is impossible  
as long as there is Will, Desire and Future vision**



Cairo Urban Dream 2050