



vision of
Cairo 2050
Within a national vision of Egypt



Video

Cairo Future Vision 2050



To Cairo 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 citizenss 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

- 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**

01

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

2050



Quality of life and Restoration of the Egyptian leadership

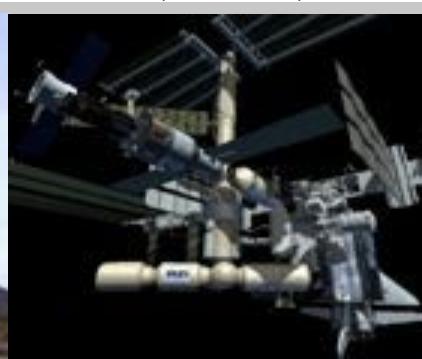
Humanity, Scientific, Agriculture, Tourism, Commercial, Industrial



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

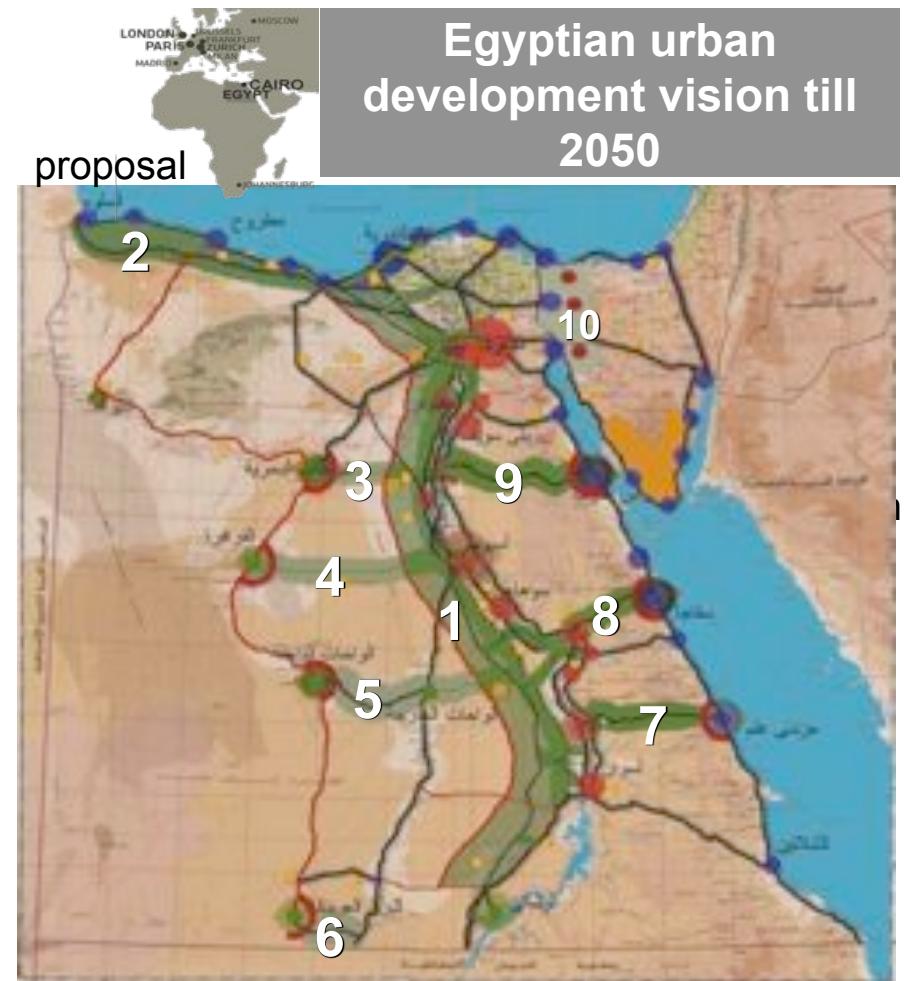
Indicator	2008	2050
Total population (by million)	80	140
Percentage of built up areas from total area of Egypt	6	15
Percentage of planning areas	50	85
Green area per capita (m2)	1.5	15

Vision objective

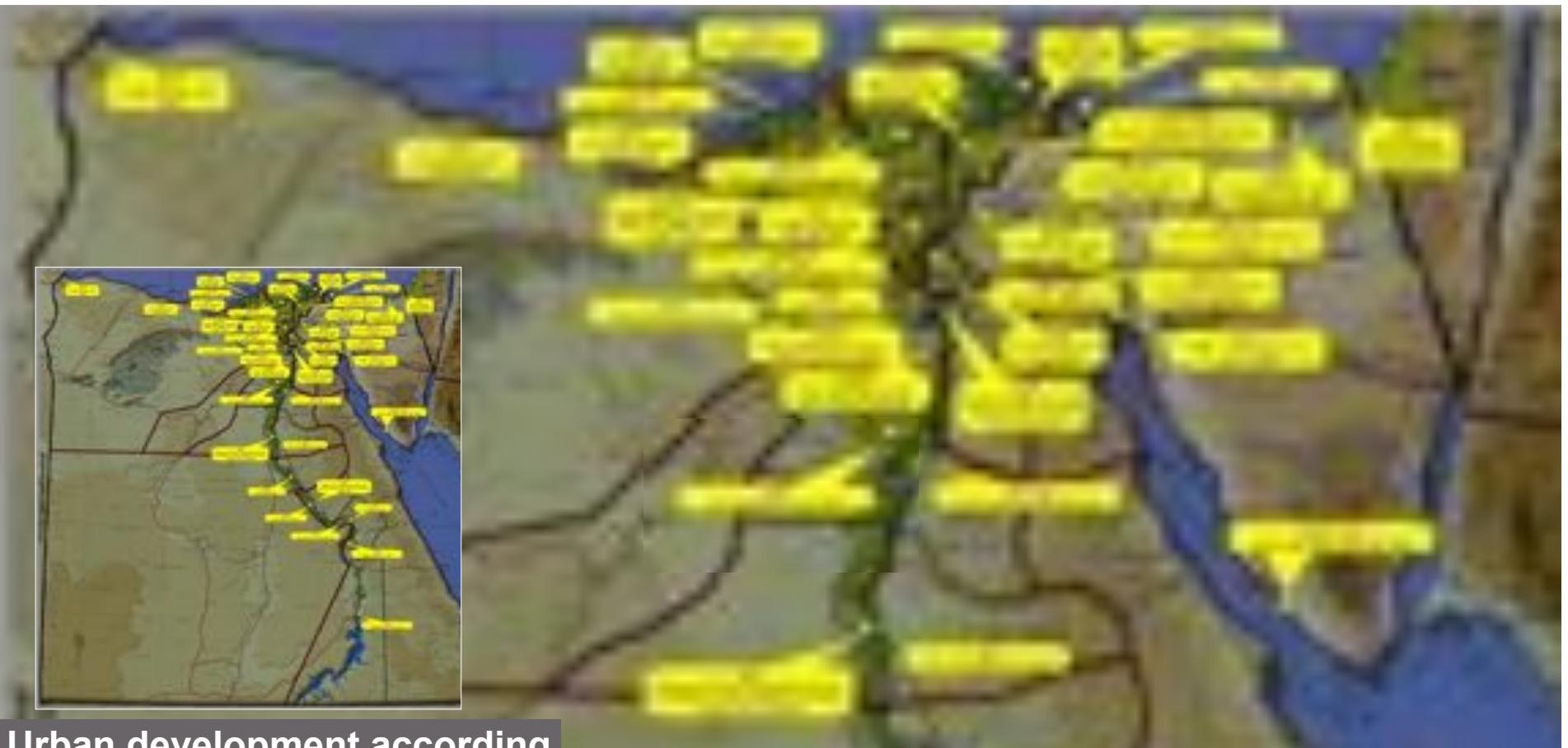
- Achieve a balanced urban development (spatial, volume) by focusing on the development of small and medium-sized cities.
- Re-definition and formulation of the Egyptian countryside.
- Increase the inhabited area by 6% to 15% of the total area during the next four decades.
- Support the decentralization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

Vision orientation

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



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



- 01 Cairo within a national vision of Egypt
- 02 Why a vision for Cairo? **Yellow background**
- 03 Points of strength and challenges in Cairo
- 04 Cairo citizenss 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

02

Why a Vision for Cairo?



Surplus of population in Greater Cairo Region

02

2006 16 million inhabitant

2020 20 million inhabitant

2050 30 million inhabitant

The region accommodates : 22% of total population of Egypt

: 43% of total urban population of Egypt





Main problems of the Region

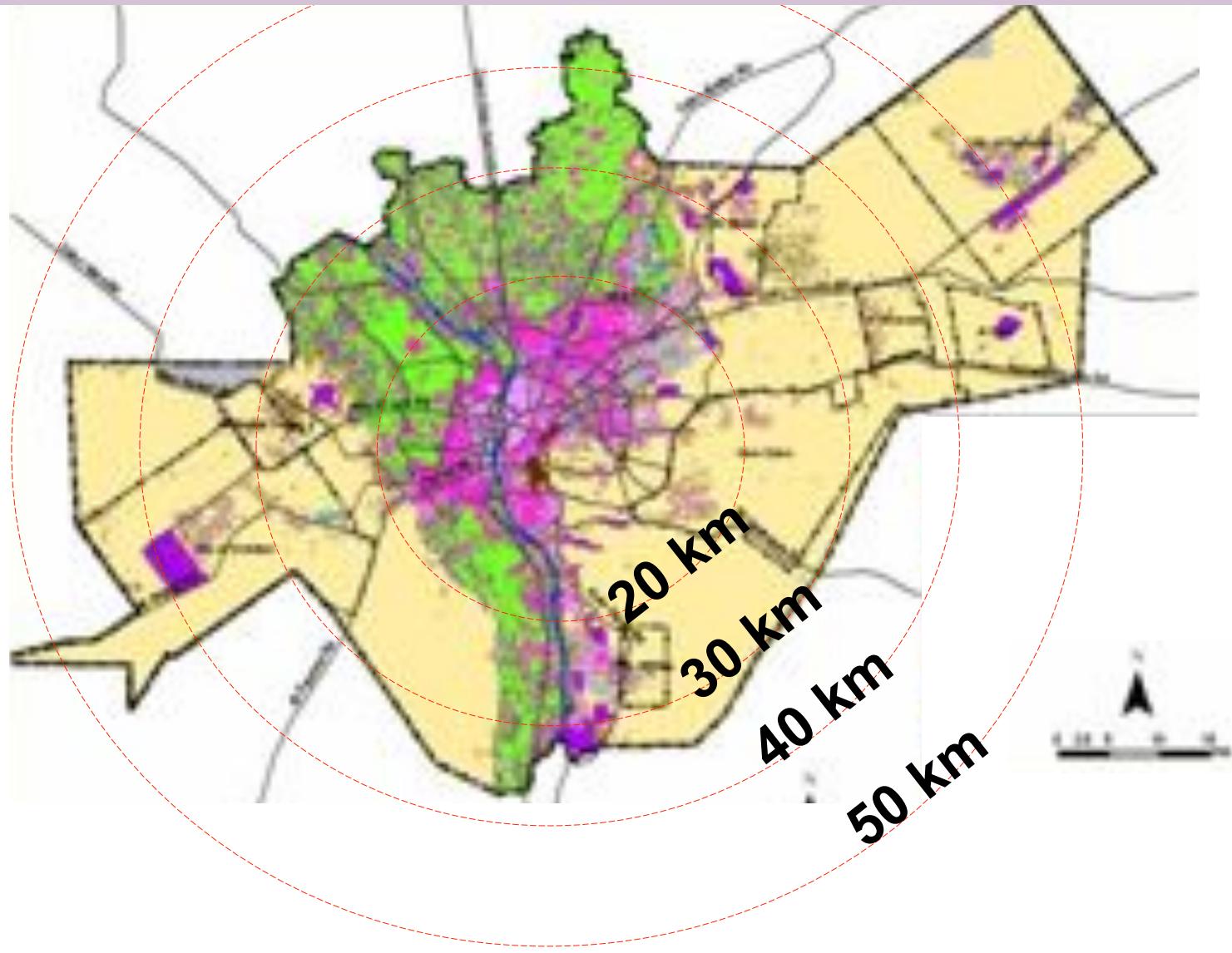
02

- 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 m² /person within the ring road and 1.5 m²/person in the region as total).





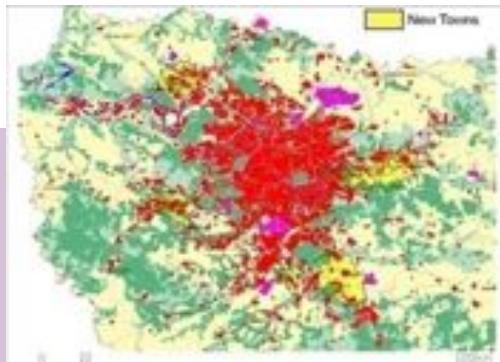
More than 75% of inhabitant are living within 30km from the mass center





Greater Cairo and metropolitan cities

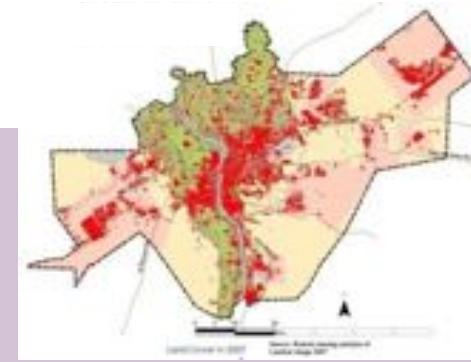
The challenge is not the size, but the population distribution over the whole region area



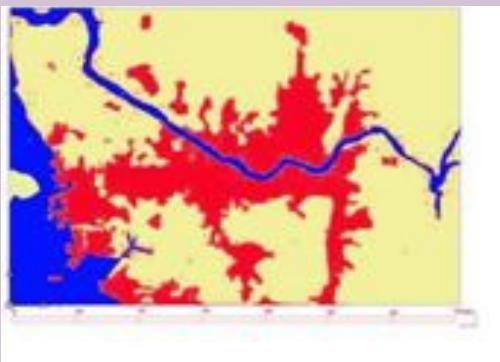
Paris 11 million



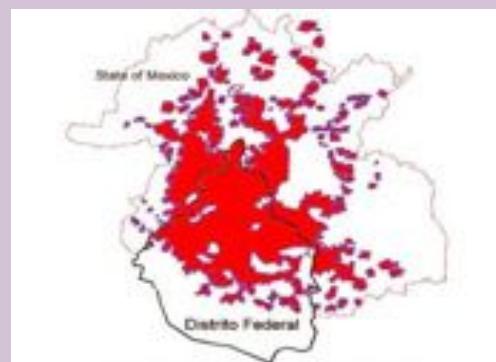
Tokyo 33 million



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

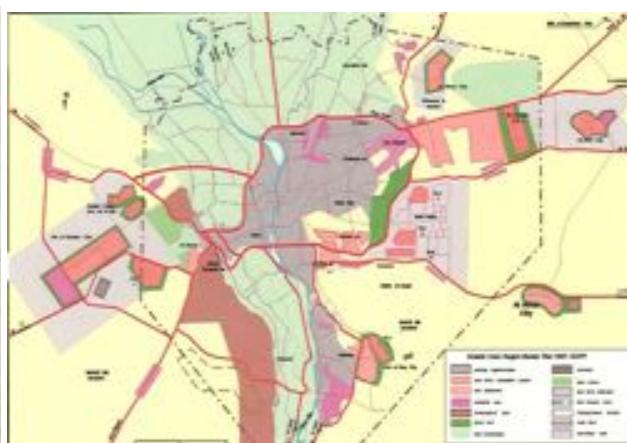
02

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.

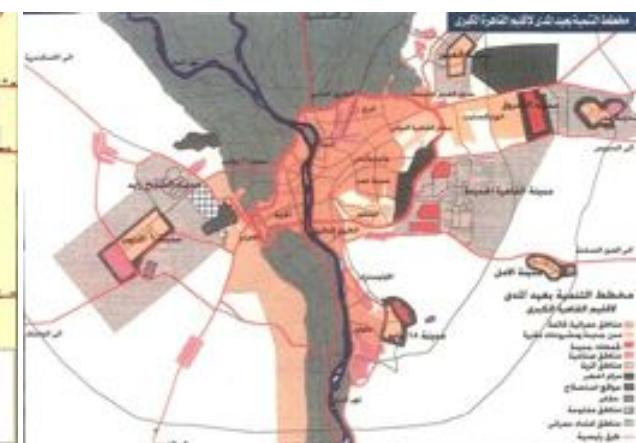


1982

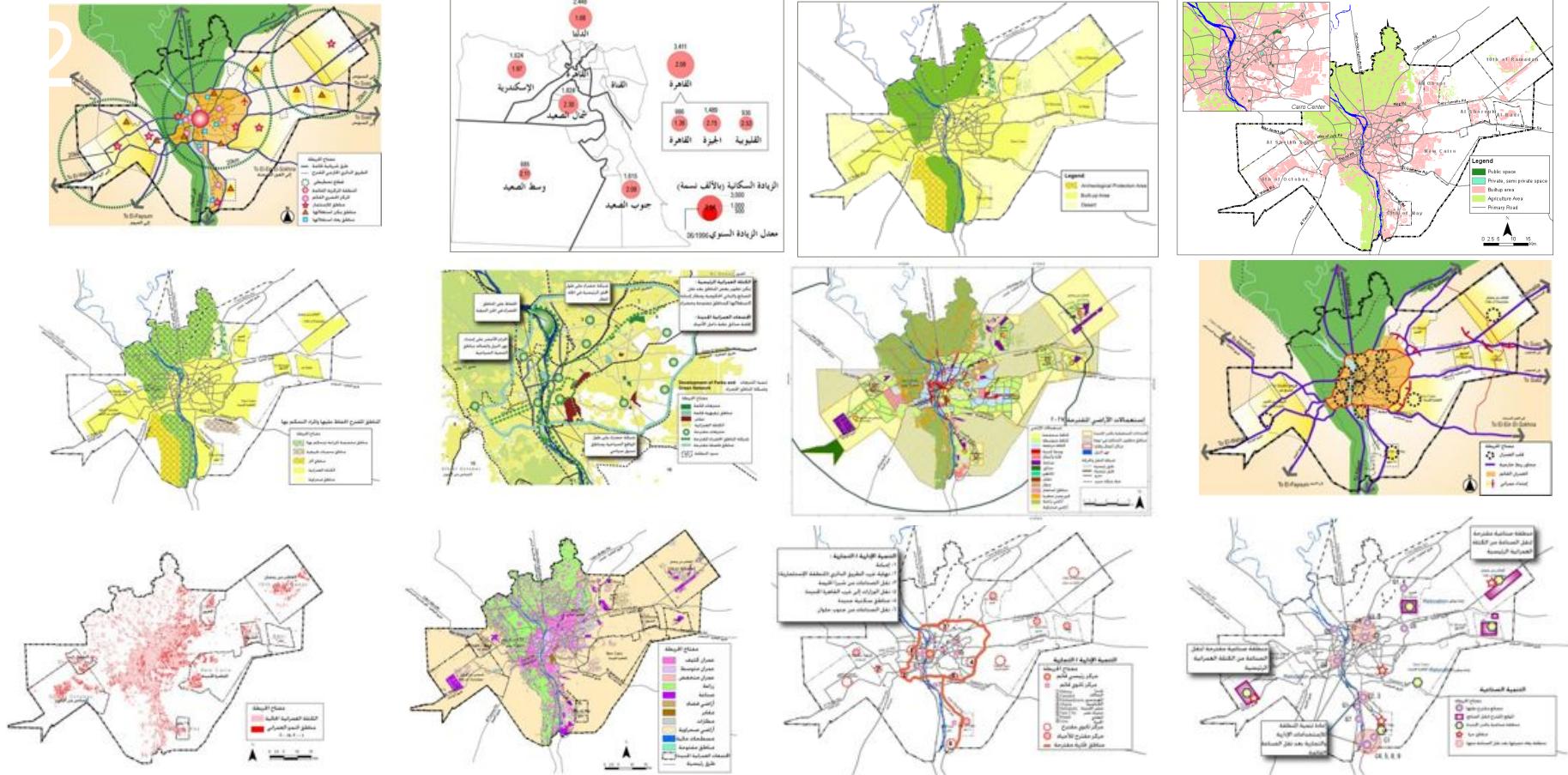


1991

Previous plans for G.C.R



1997



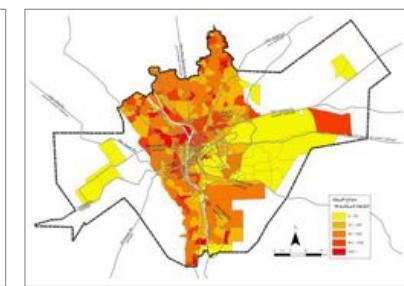
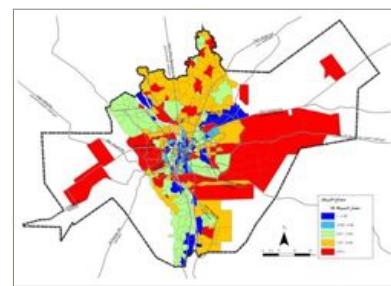
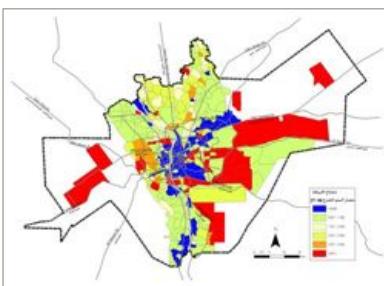
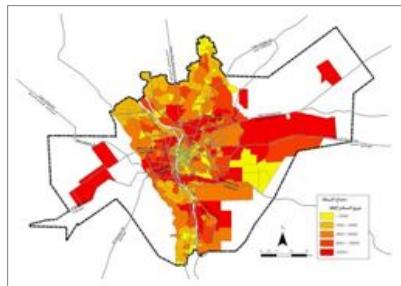
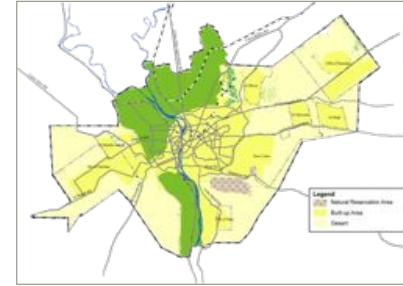
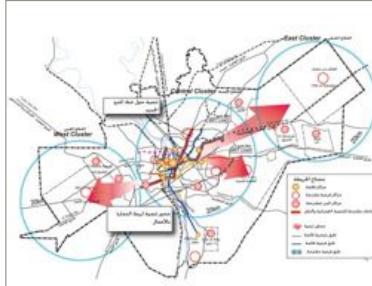
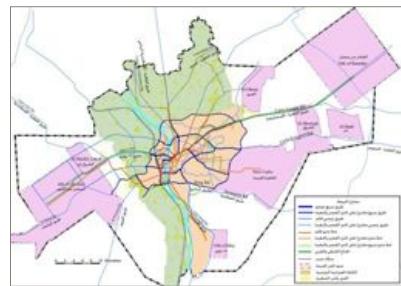
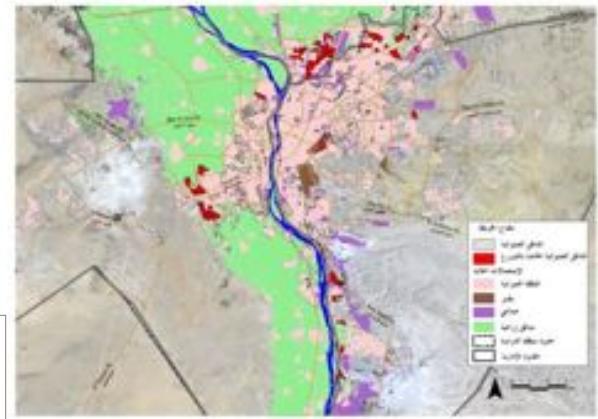
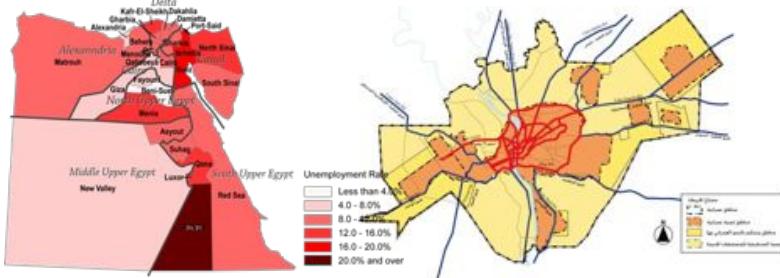
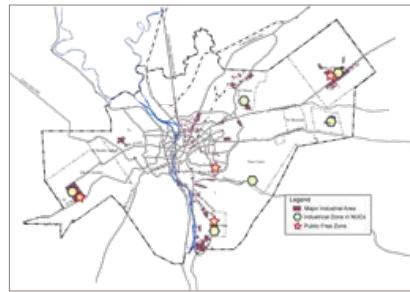
Studies done within the last 3 years to monitor current situation of Cairo city in all fields



Cairo 2025

Examples of some studies for the current situation of GCR

02

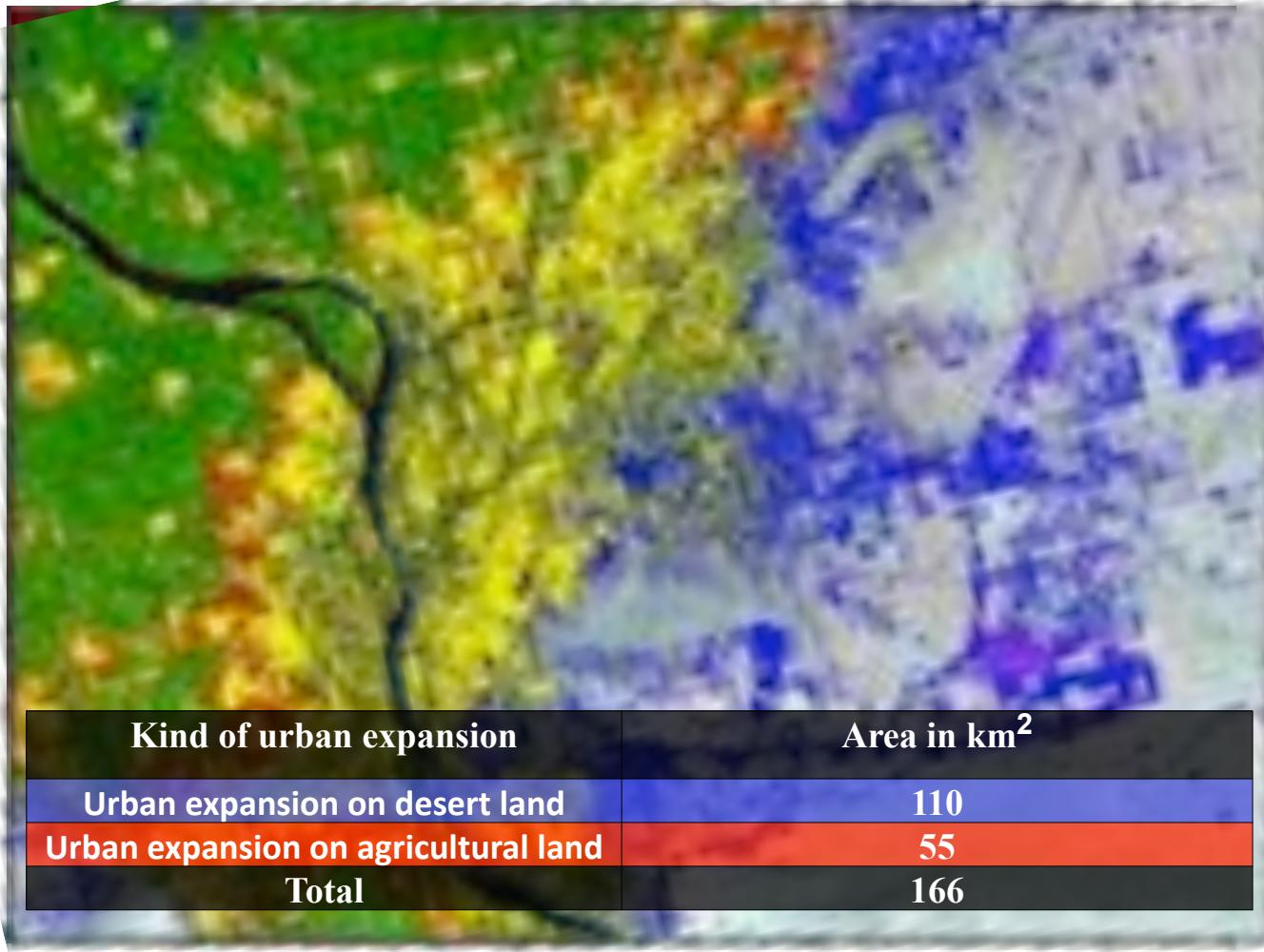


The selected future growth pattern

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

- Blue square: Urban expansion on desert land
- Red square: Urban expansion on agricultural land
- Yellow square: Urban areas
- Green square: Agricultural areas

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?

Through review/study international experience as a case studies



Paris 2020



London 2020



Abu Dhabi 2030



Singapore 2050



Shanghai 2050

Why a vision for Cairo?

02

Through review/study international experience as a case studies



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 citizenss 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

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



- 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

04

Cairo citizens opinion and wishes WHAT THE COMMUNITY SAID?

2050



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

04

community
opinion



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....



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

04

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.



- 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

05

The Vision and its objectives

2050



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.

GLOBAL



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.



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”



- 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

06

Basic Principles to achieve the vision

How will the Vision be implemented?



Basic Principles to achieve the vision

06



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.



- 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

07

The strategic sectors and Themes to realize the vision

2050



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



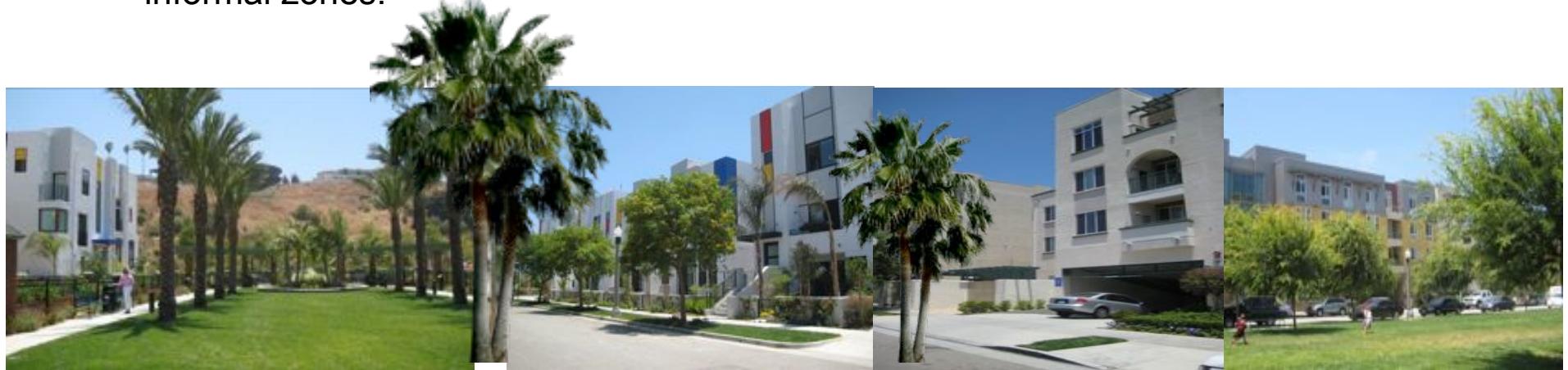
2. Housing and informal : **decentralization and redistribution of population** **In Cairo and Giza**

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 6th of October or Helwan governorate.
- Accommodate the expected population increase in 6th 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

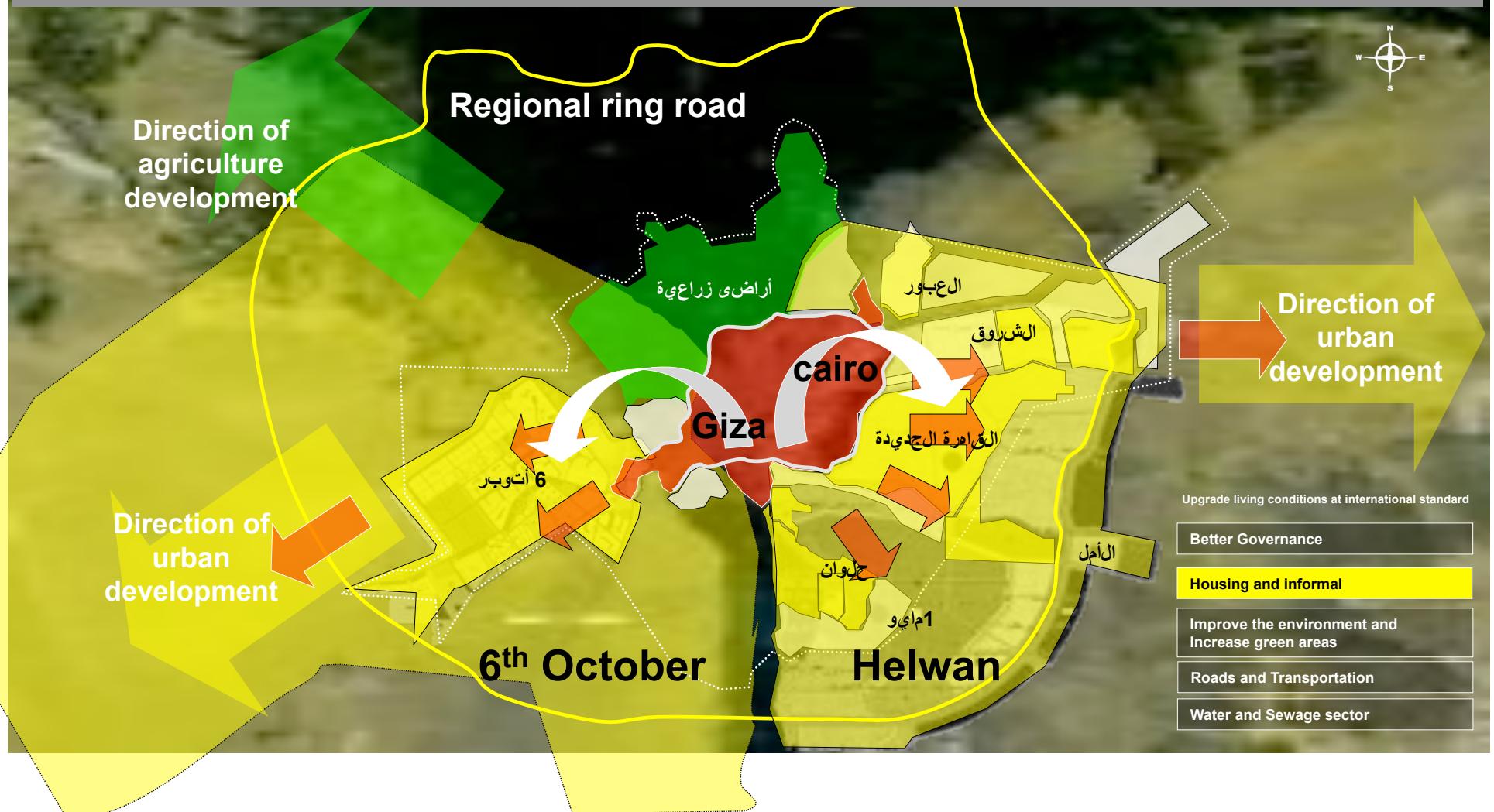
1. Adequate urban house with high living condition.
2. Upgrade informal areas by converting them to planned areas with complete infrastructure and services.
3. Take in consideration, as priorities, the social issue and protection of citizens life when upgrade informal zones.





2. Housing and informal : decentralization and redistribution of population in Cairo and Giza

07





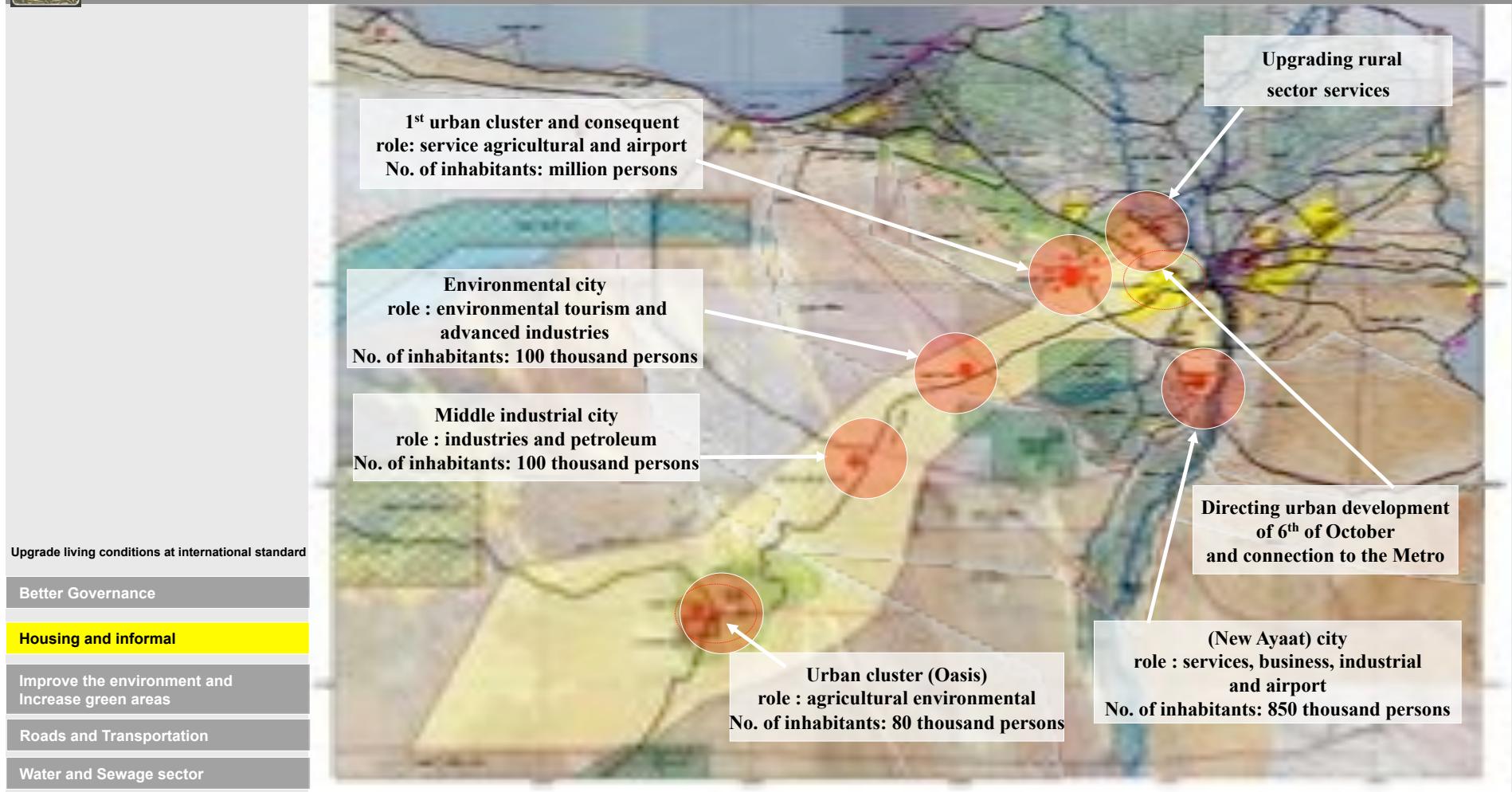
Accommodate 10-12 million person (30% of the region's inhabitants)

- 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.



Strategic vision for 6th of October Governorate 2050

07



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

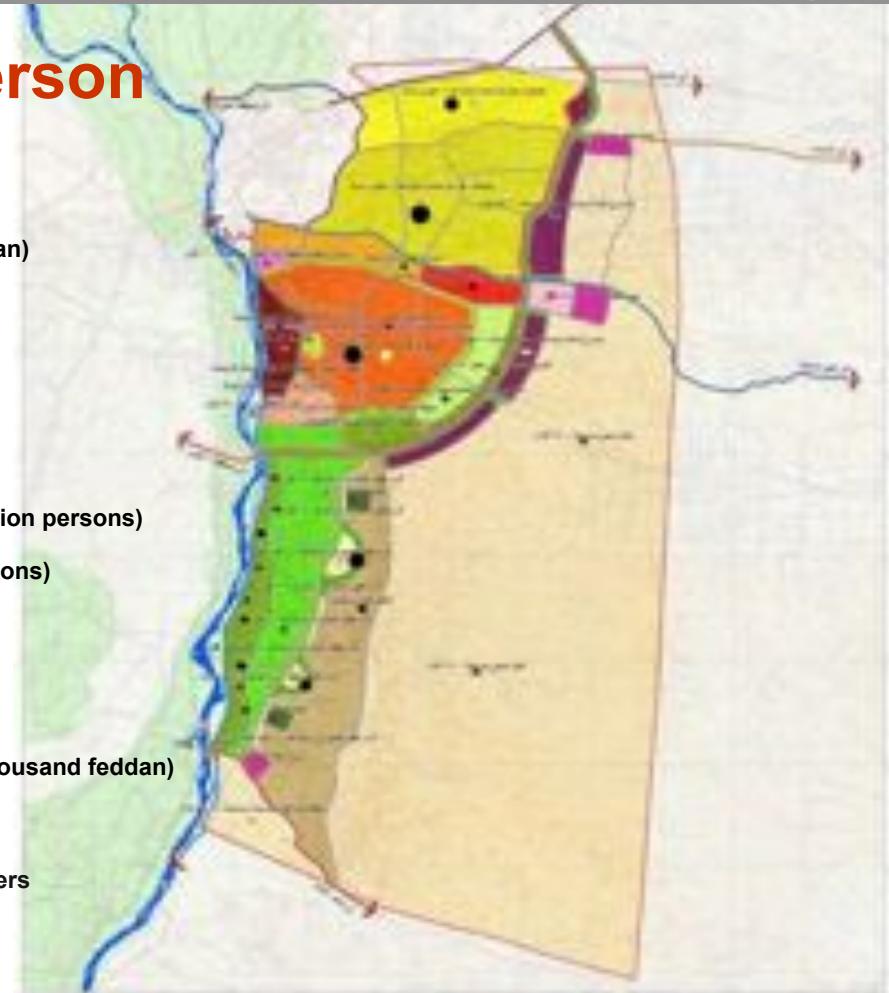
Better Governance

Housing and informal

Improve the environment and Increase green areas

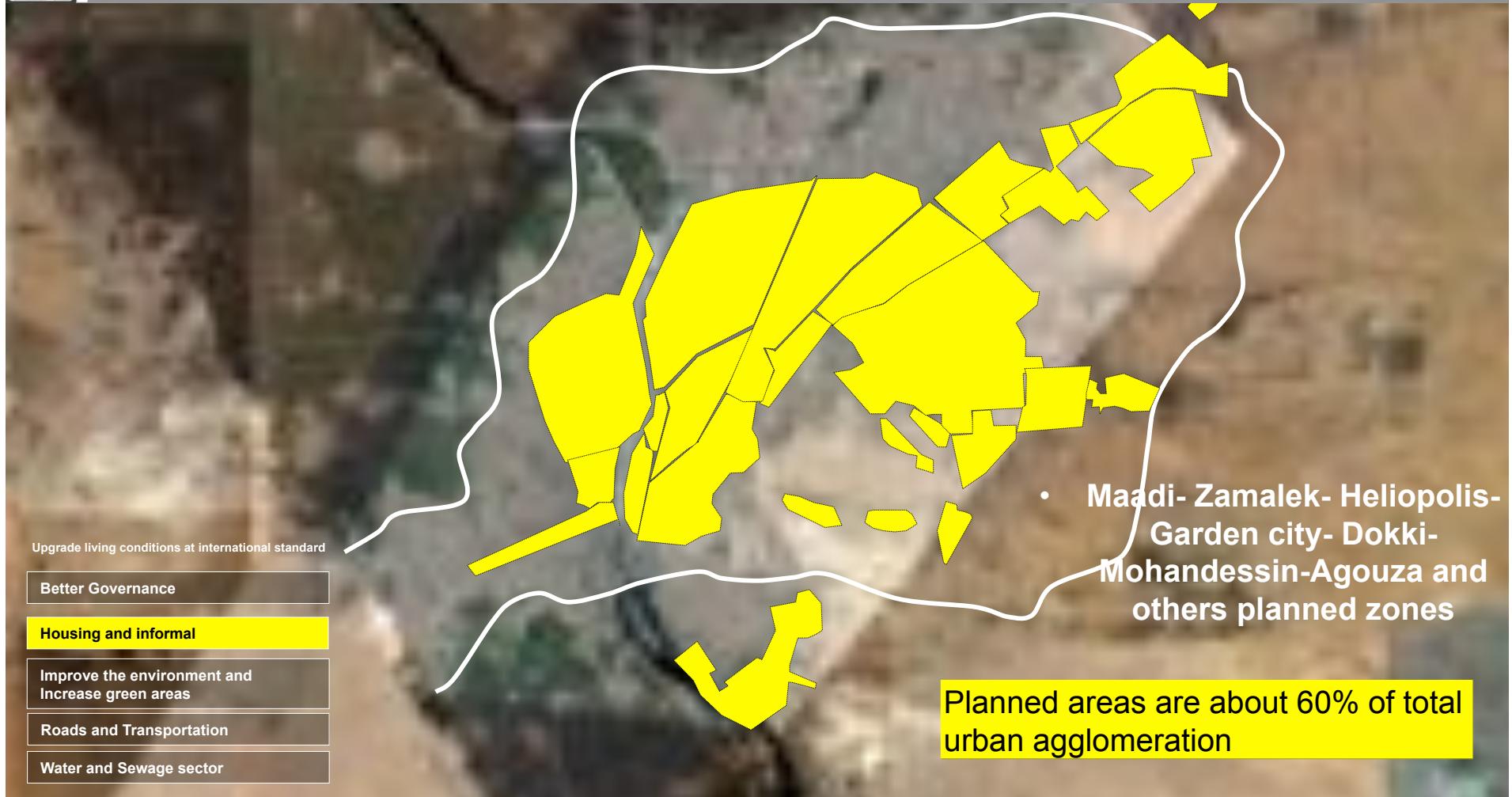
Roads and Transportation

Water and Sewage sector



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

07





2. Housing and informal : preservation of planned areas in the city core

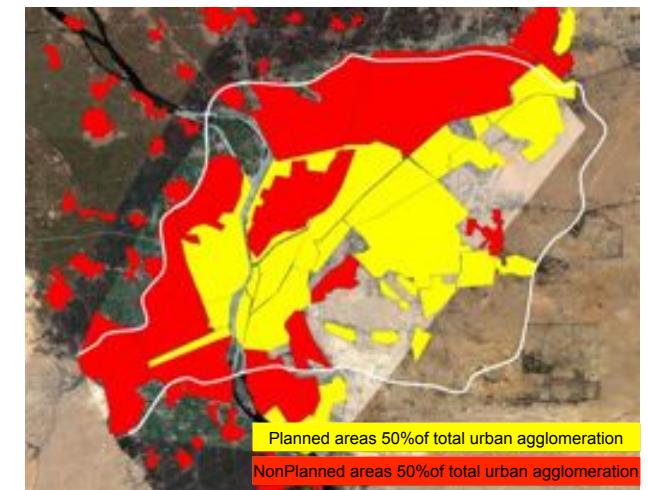
07

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.

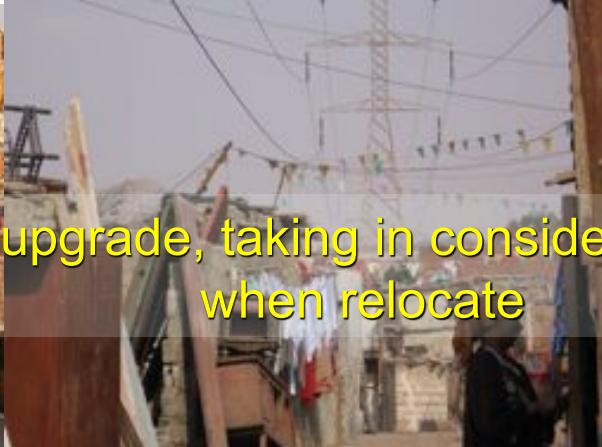


2. Housing and informal: upgrading deteriorated unsecure areas within 10 years 07

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
- Ezbet El Arab area
- Abou Karn area

Giza

- Seka Hadid Echache area
- Sen El Agouza area



Video

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

kalyubia

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

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



2. Housing and informal : **upgrading unplanned areas**

07

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

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

07



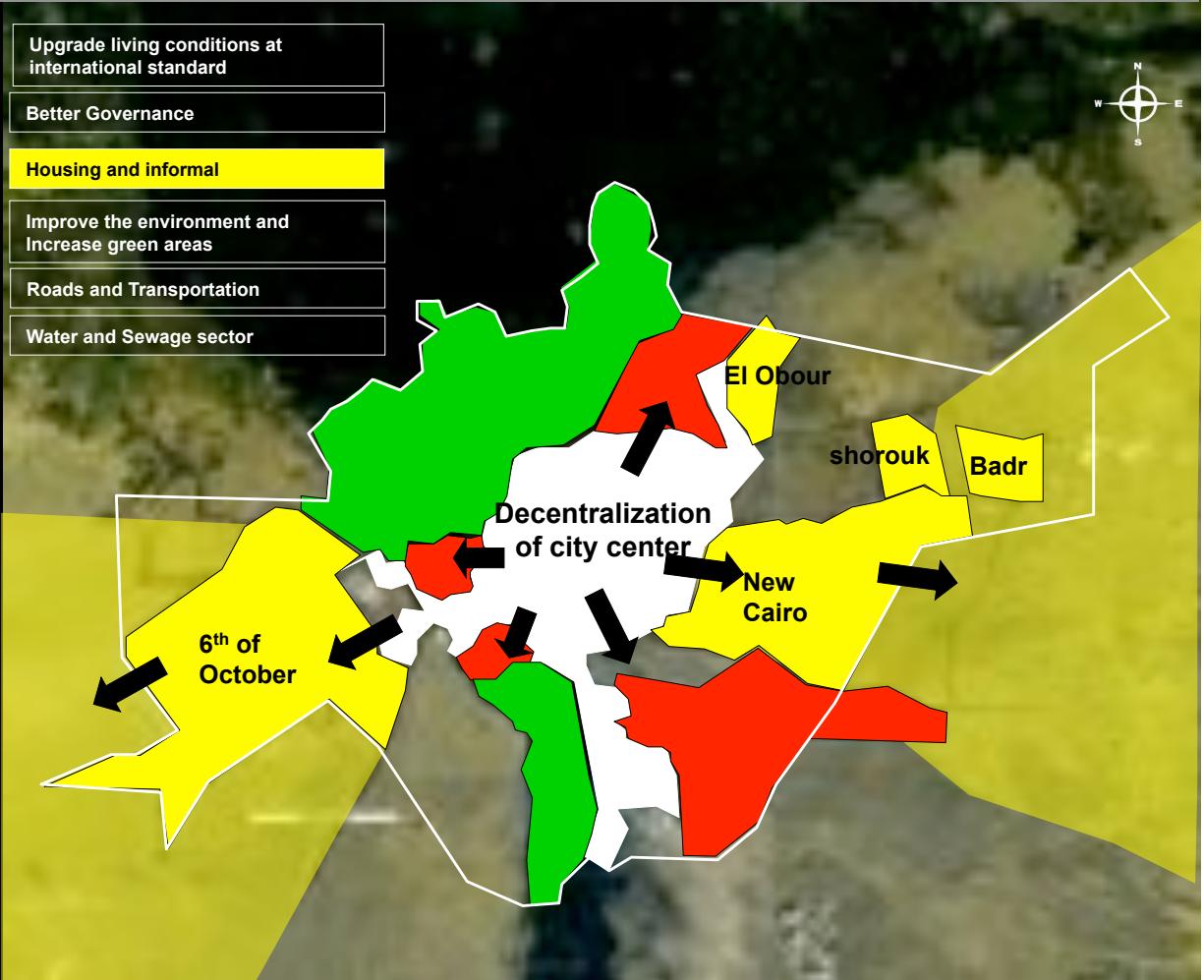
Existing urban agglomeration of the city

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

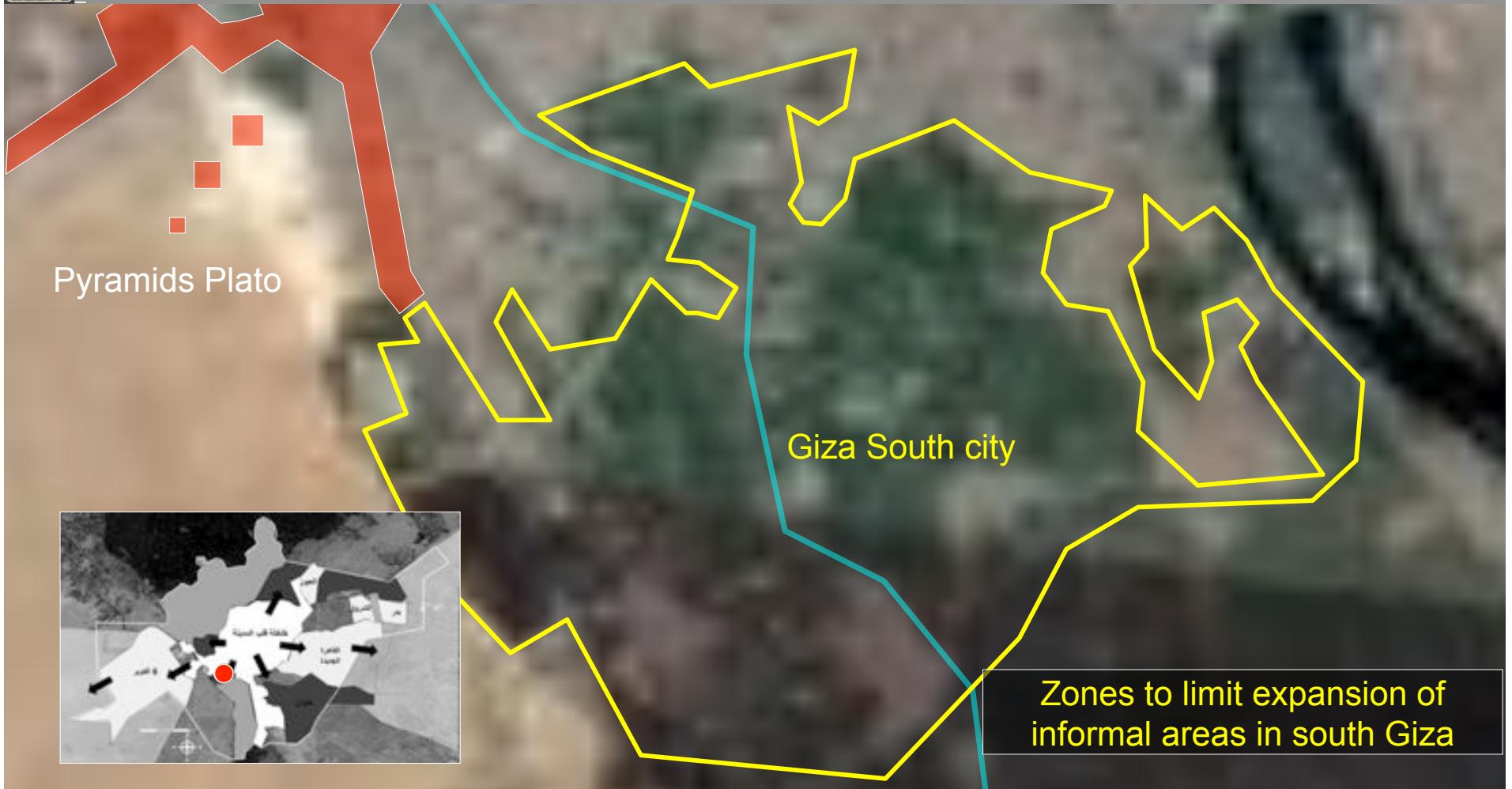
- Upgrade living conditions at international standard
- Better Governance
- Housing and informal
- Improve the environment and Increase green areas
- Roads and Transportation
- Water and Sewage sector





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

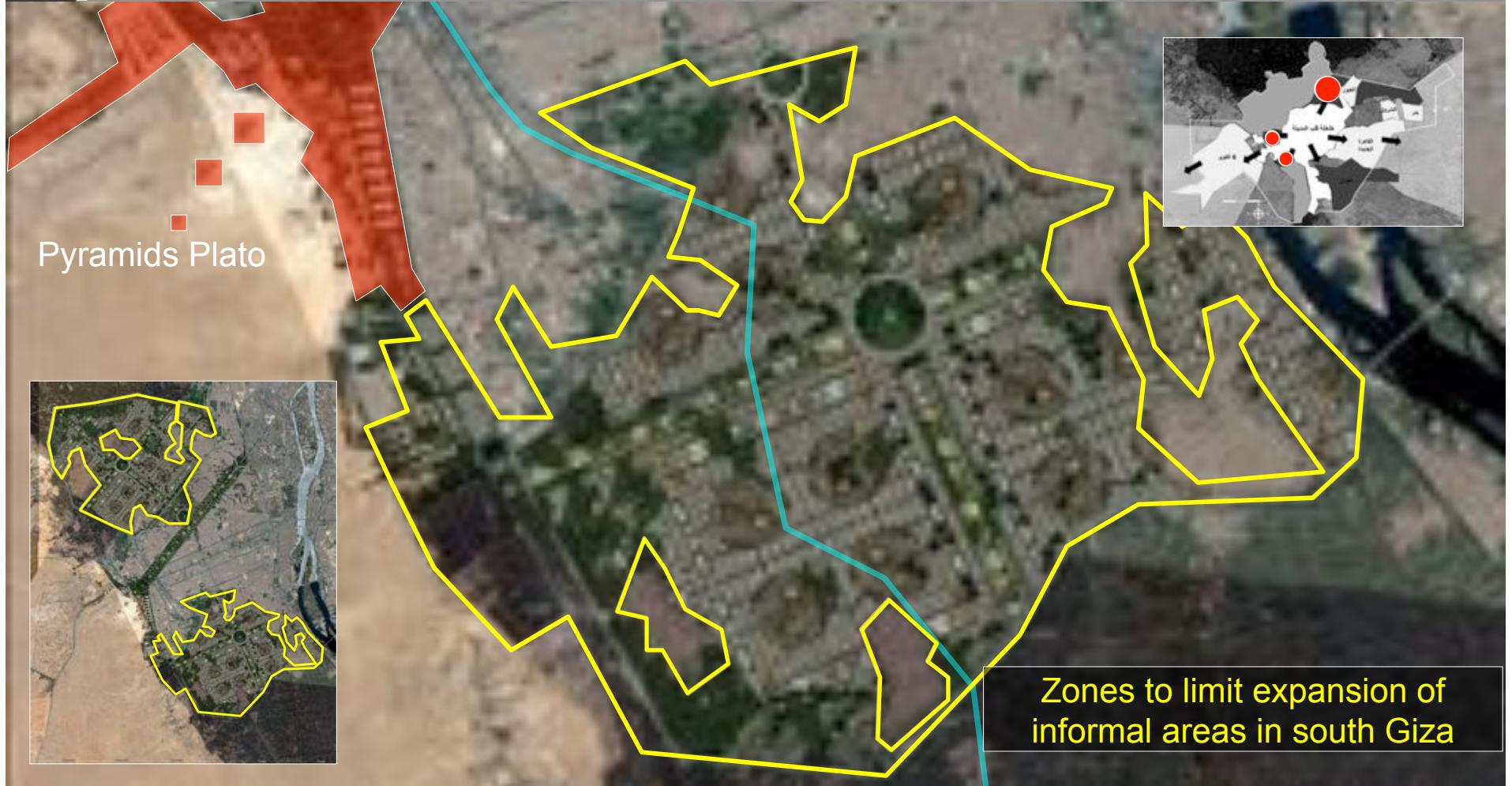
07

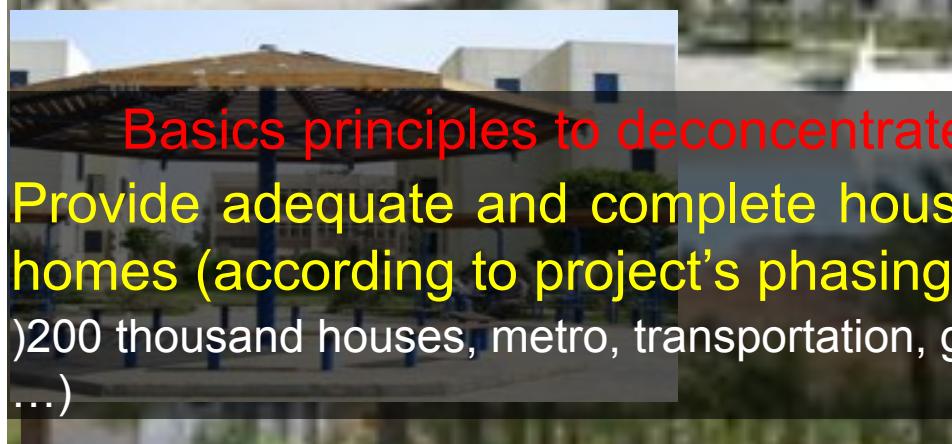




2.Housing and informal : location of alternative and new housing in G.C.R

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, ...)



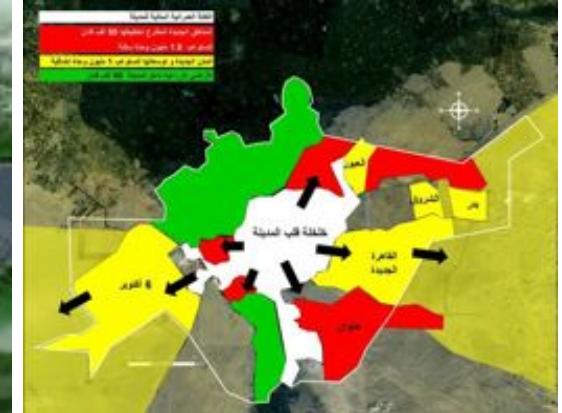
Houses with new trend – good living condition to all inhabitants of informal areas in the capital

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



2. Housing and informal : **Housing needs until 2050**

07



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



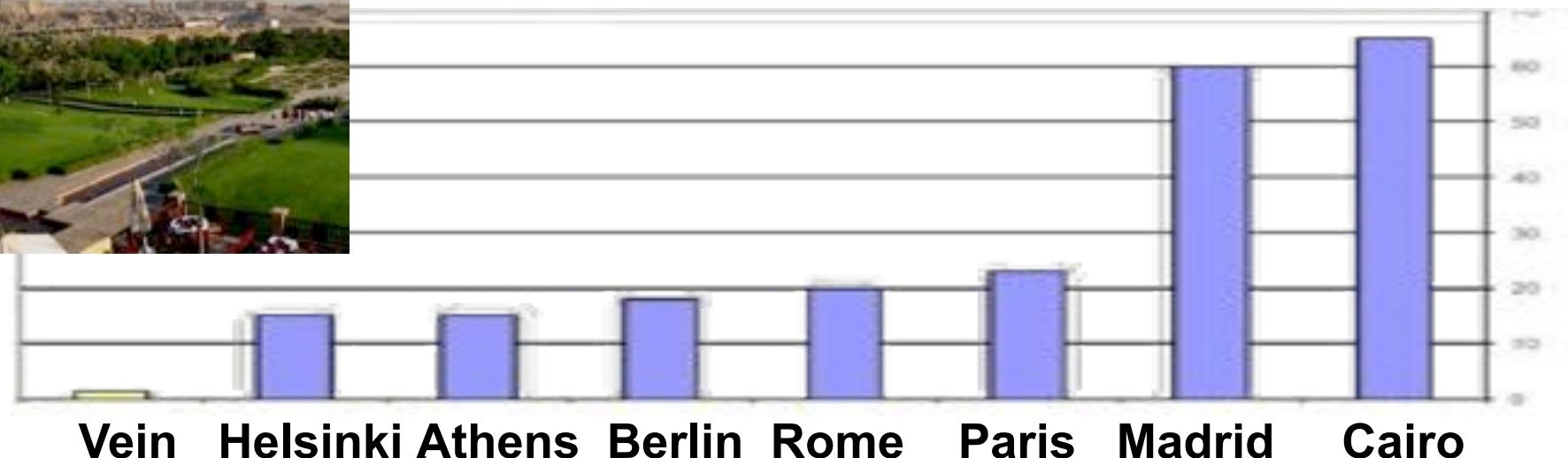


3.Improve the environment and increase green areas

07



Rate of green areas m^2/capita in different cities on the world



Cairo city

G.C.R

Planning standard :from 12-18 $\text{m}^2 / \text{capita}$

0.3 m^2/capita

1.5 m^2/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



3.Improve the environment and increase green areas

07

Raise the rate of green areas/capita to reach $15 \text{ m}^2/\text{person}$..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



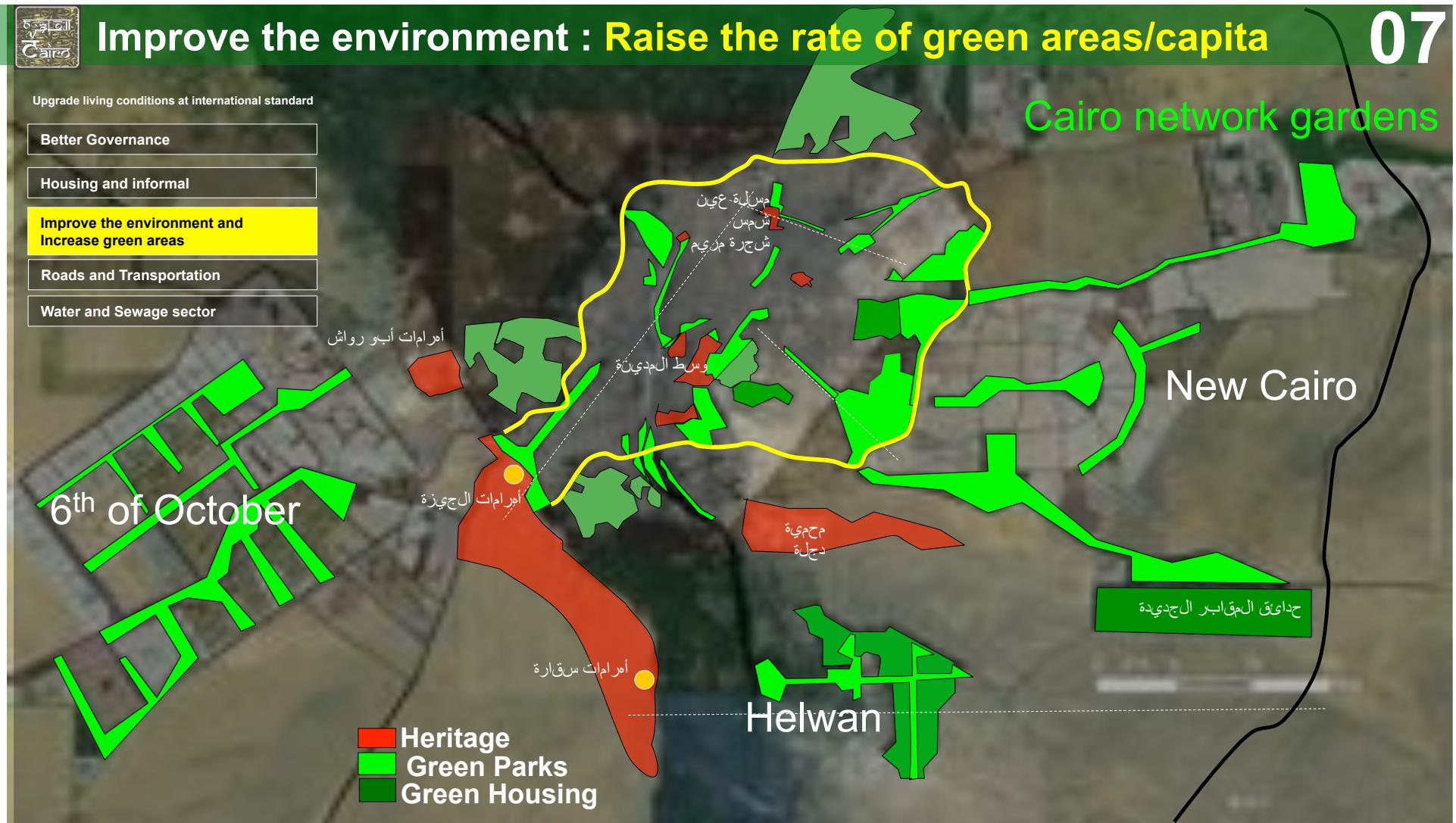


Improve the environment : Raise the rate of green areas/capita

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



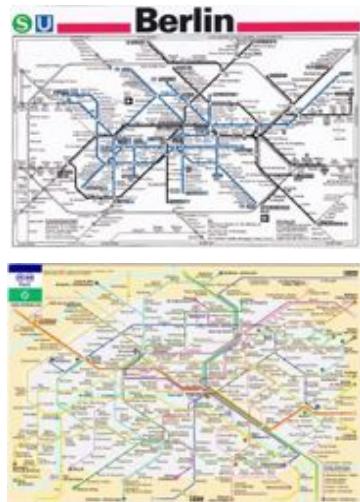


4- Public transportation: current situation

07



Moscow



Berlin
Paris

- 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

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

Cairo	4	2
Bangkok	20	
Sao Paulo	31	
Paris	150	16
Berlin	50	9
Moscow	30	12

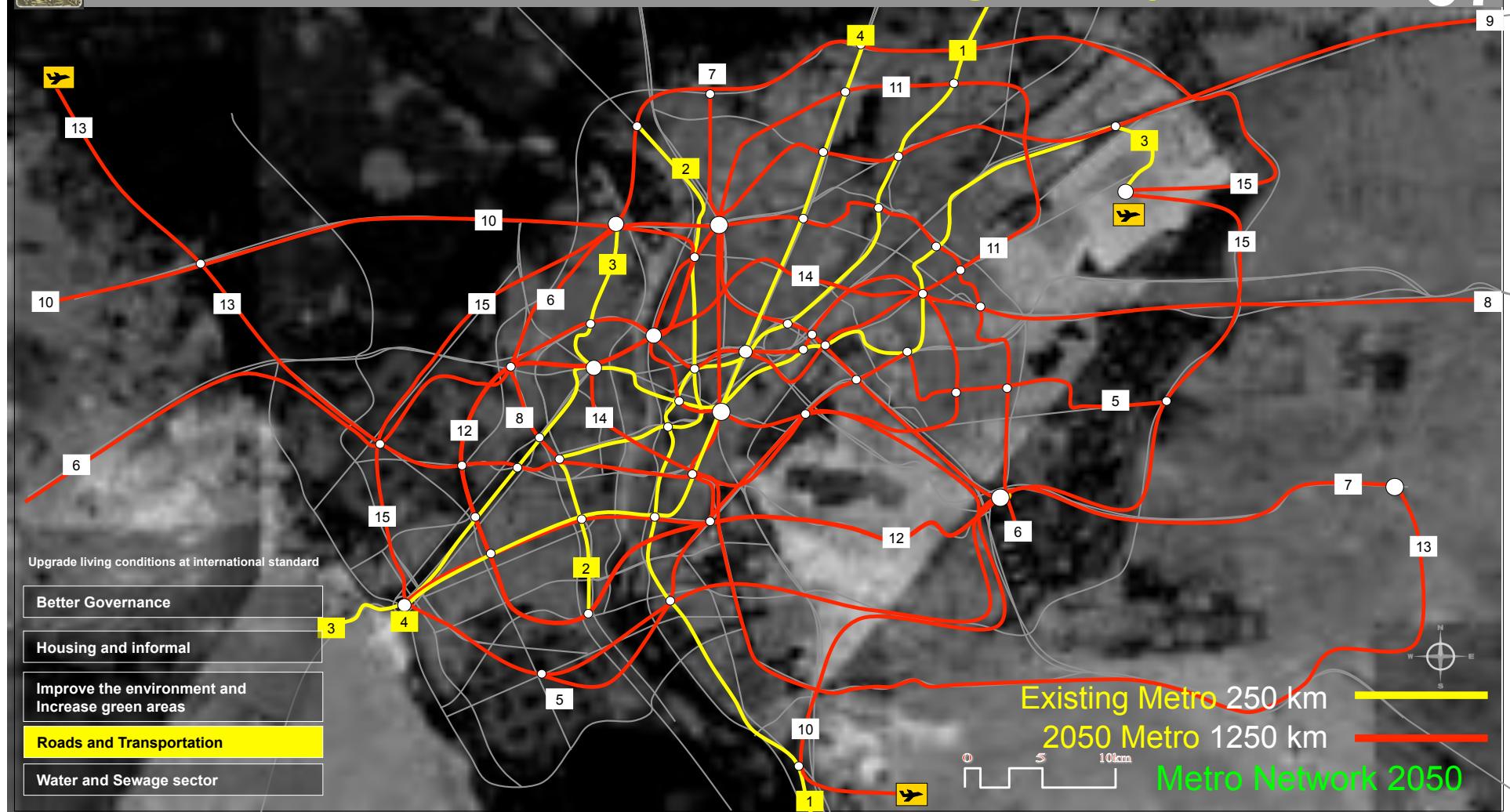
Proposed for G.C.R. in 2050

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



4- Public transportation: increasing Subway lines

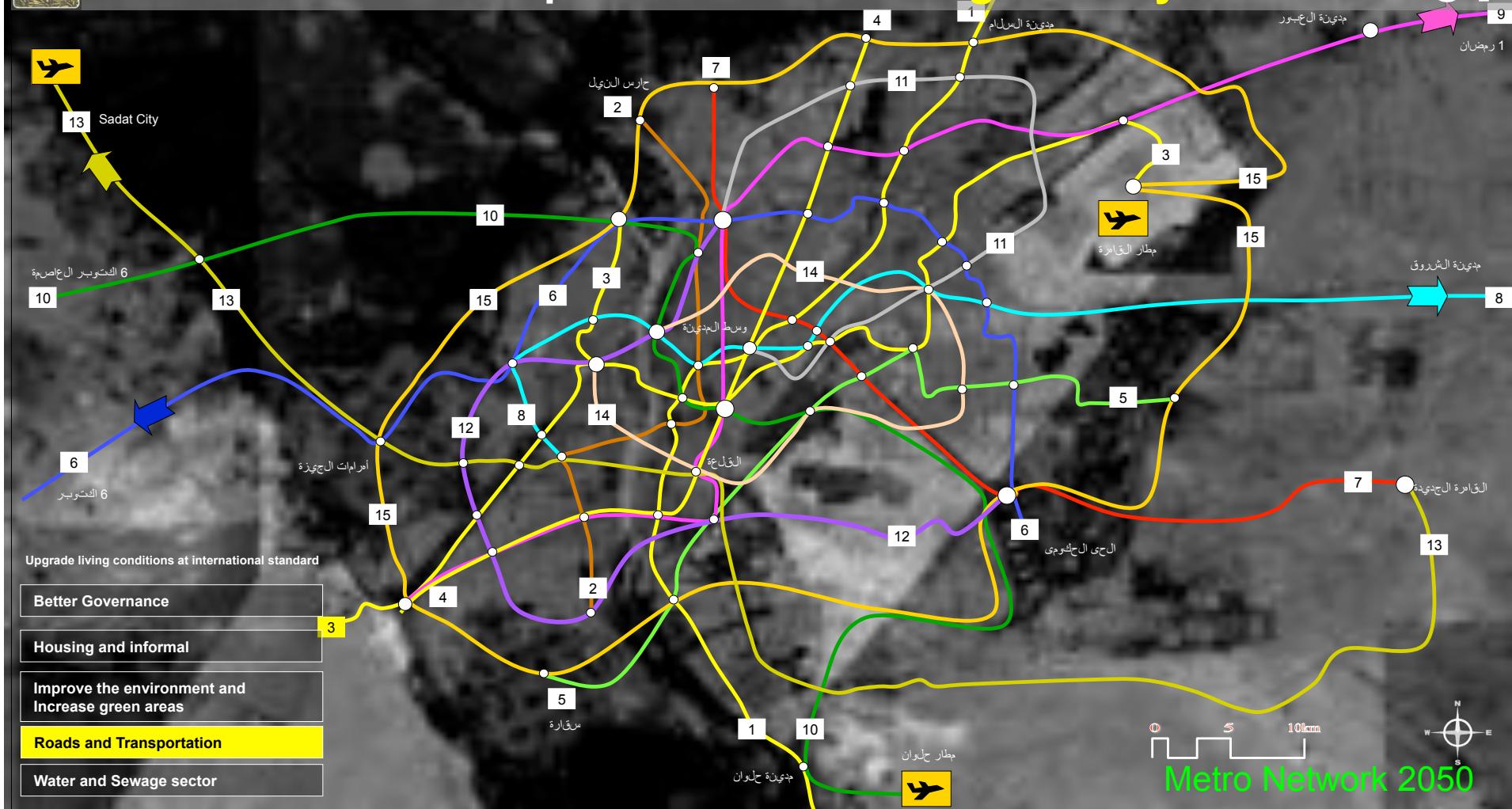
07





4- Public transportation: increasing Subway lines

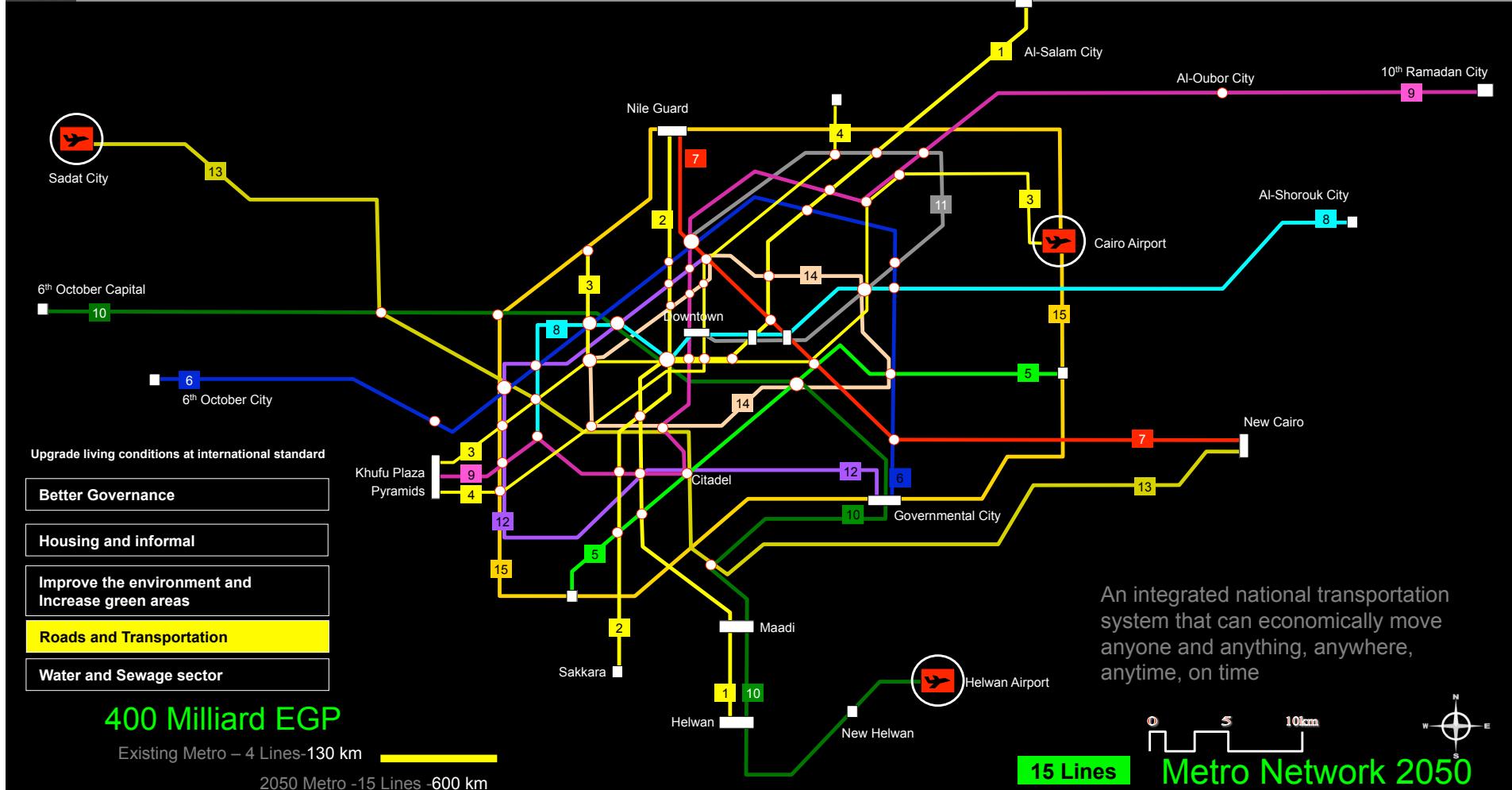
07





4- Public transportation: increasing Subway lines

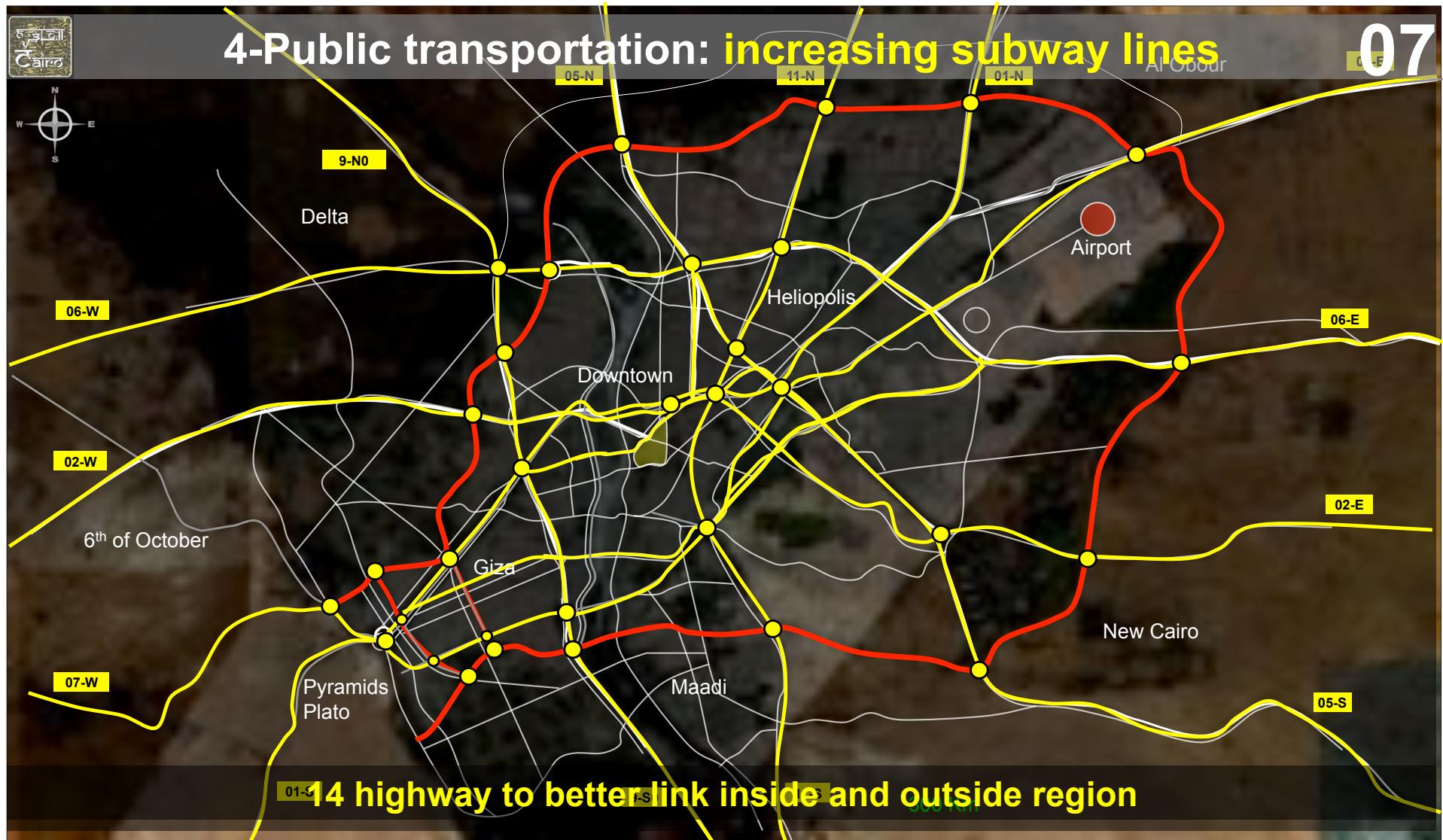
07

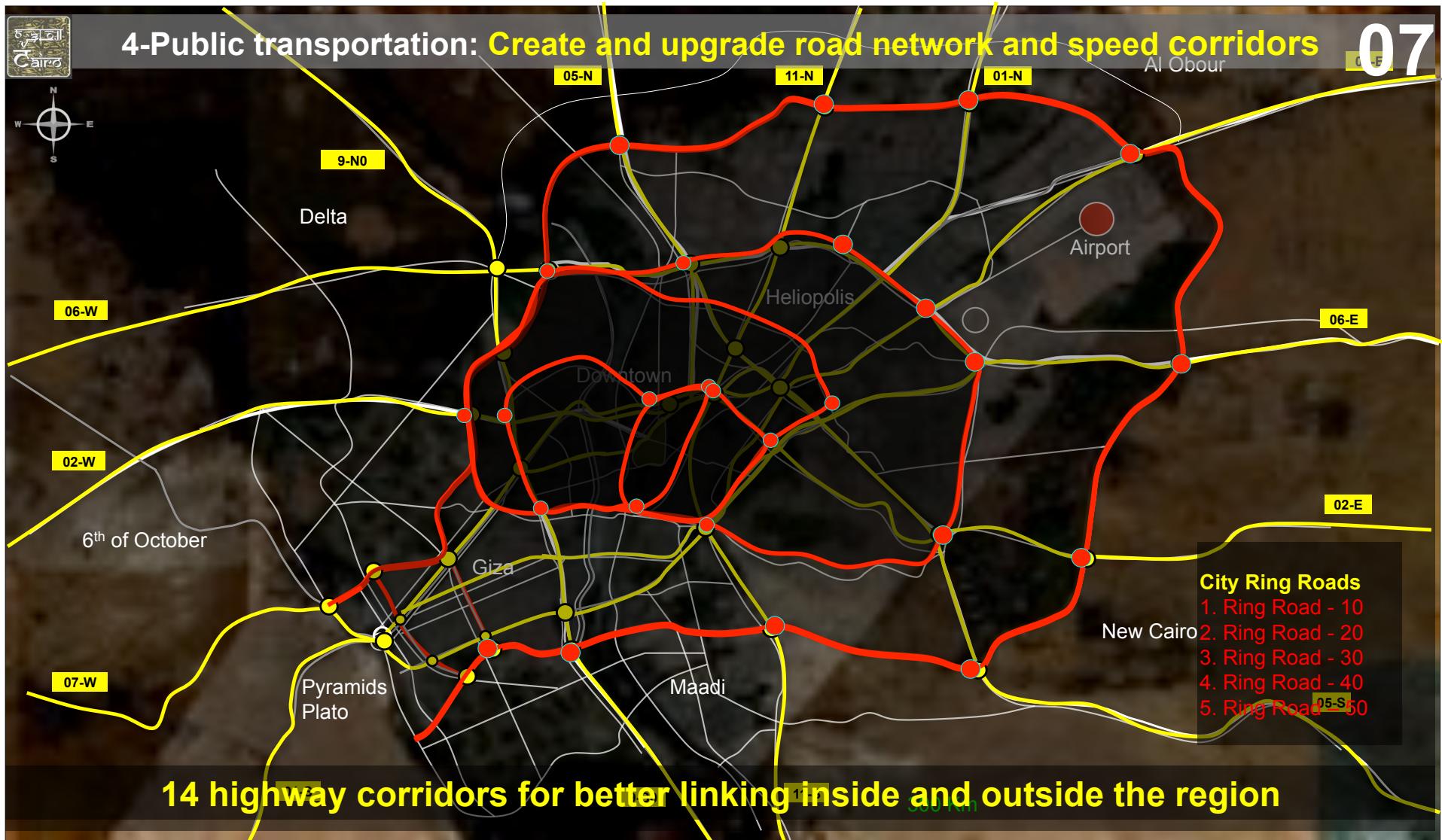




4- Public transportation: Create & upgrade road network & speed corridors **07**









5- Water and sewage

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.





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

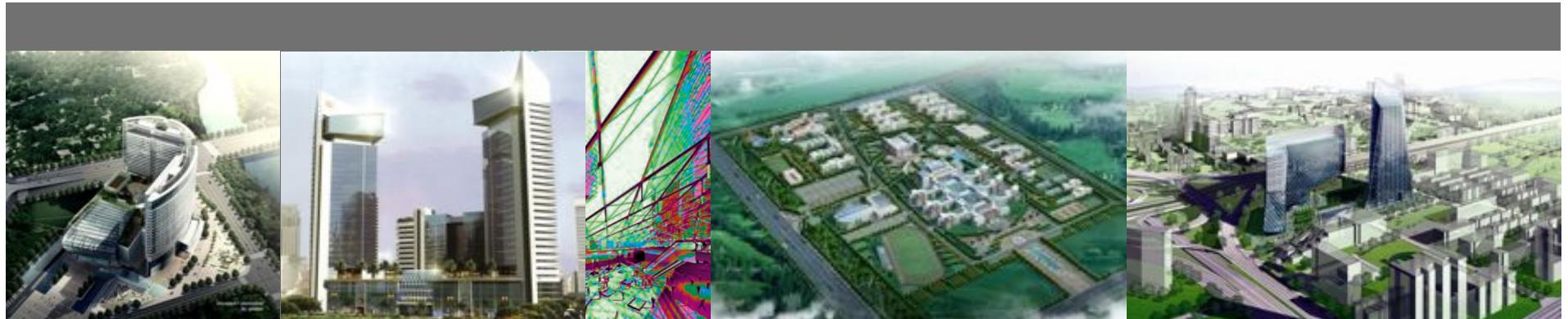
7- Technology and Telecommunication sector





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.



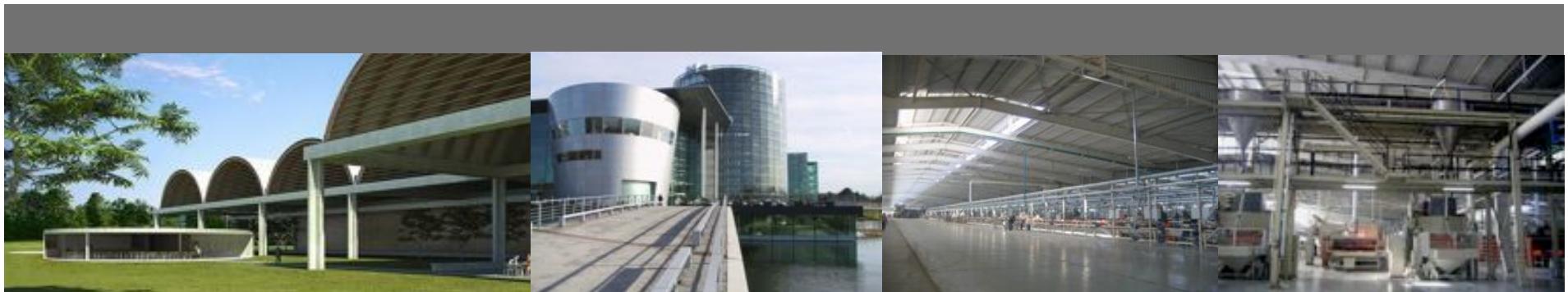


Increase the competitiveness : Industry sector

07

- 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





Increase the competitiveness : **Health sector**

07

- 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 .





Increase the competitiveness : **Education sector**

07

- 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.





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



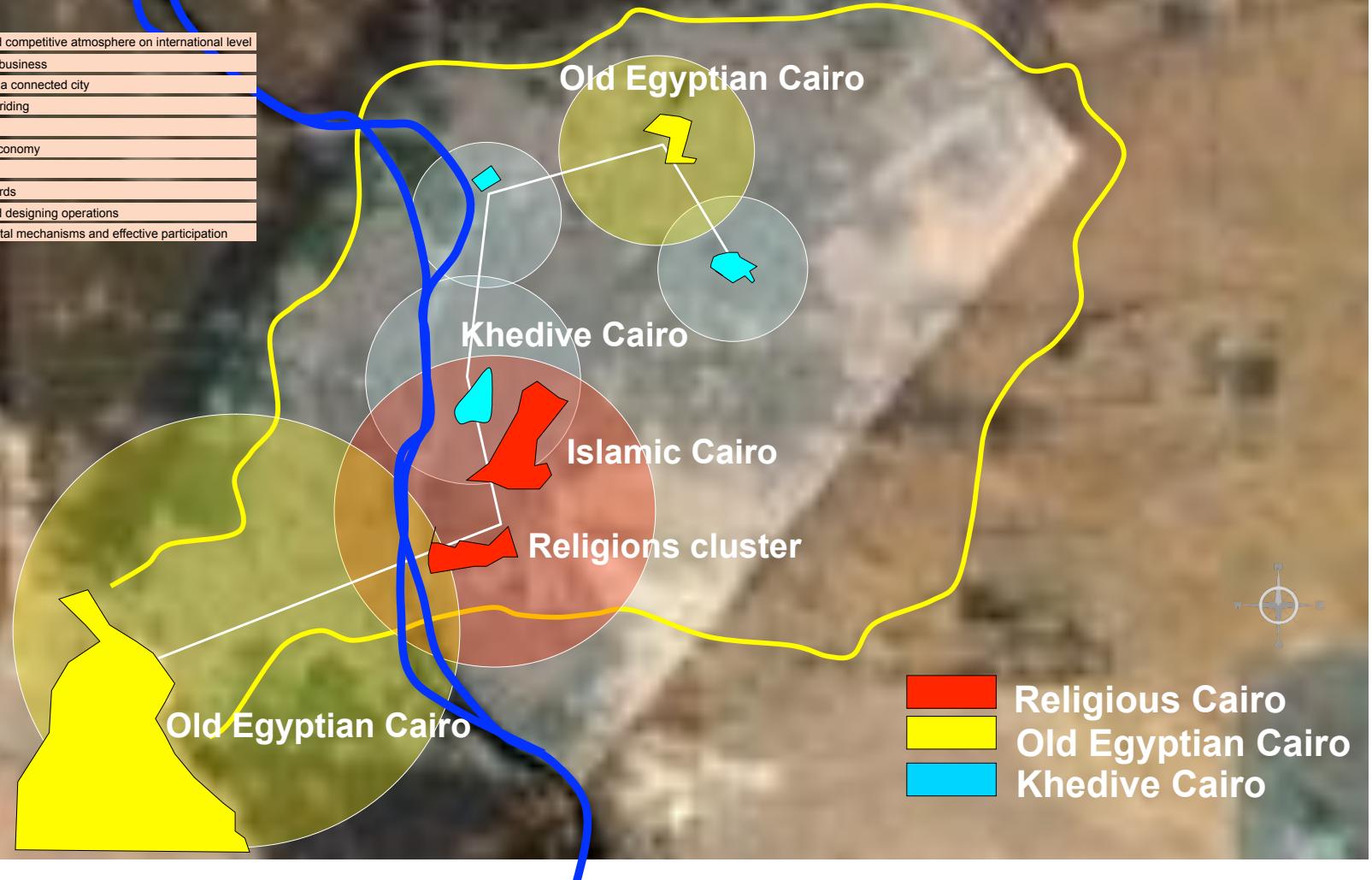
International, Green, Connected City





Historical places at Cairo's core

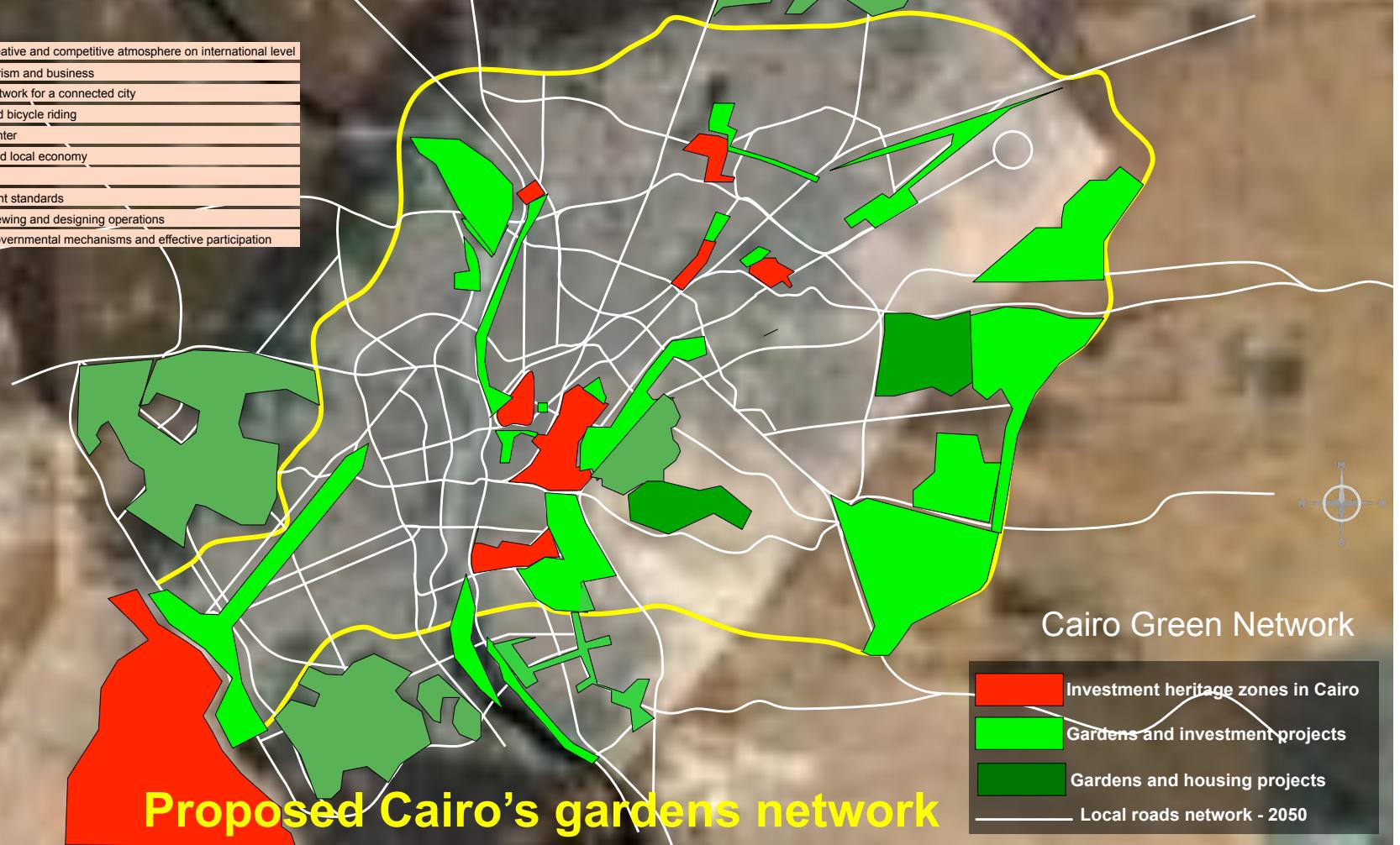
- 1- A city characterized by a creative and competitive atmosphere on international level
- 2- A leading city in culture, tourism and business
- 3- Integrated transportation network for a connected city
- 4- Safe city for pedestrians and bicycle riding
- 5- Attractive and viable city center
- 6- Viable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

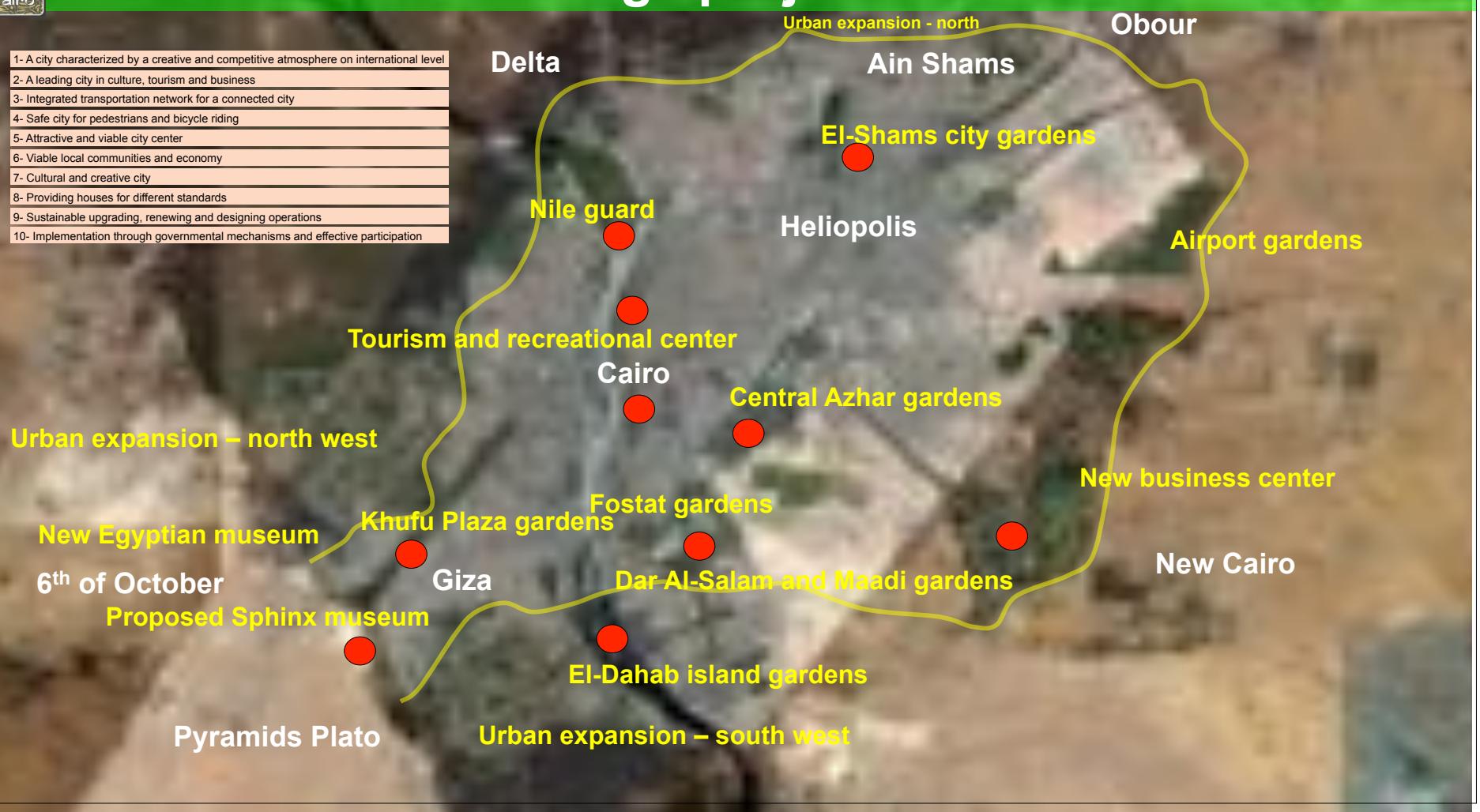
- 1- A city characterized by a creative and competitive atmosphere on international level
- 2- A leading city in culture, tourism and business
- 3- Integrated transportation network for a connected city
- 4- Safe city for pedestrians and bicycle riding
- 5- Attractive and viable city center
- 6- Viable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





Mega projects

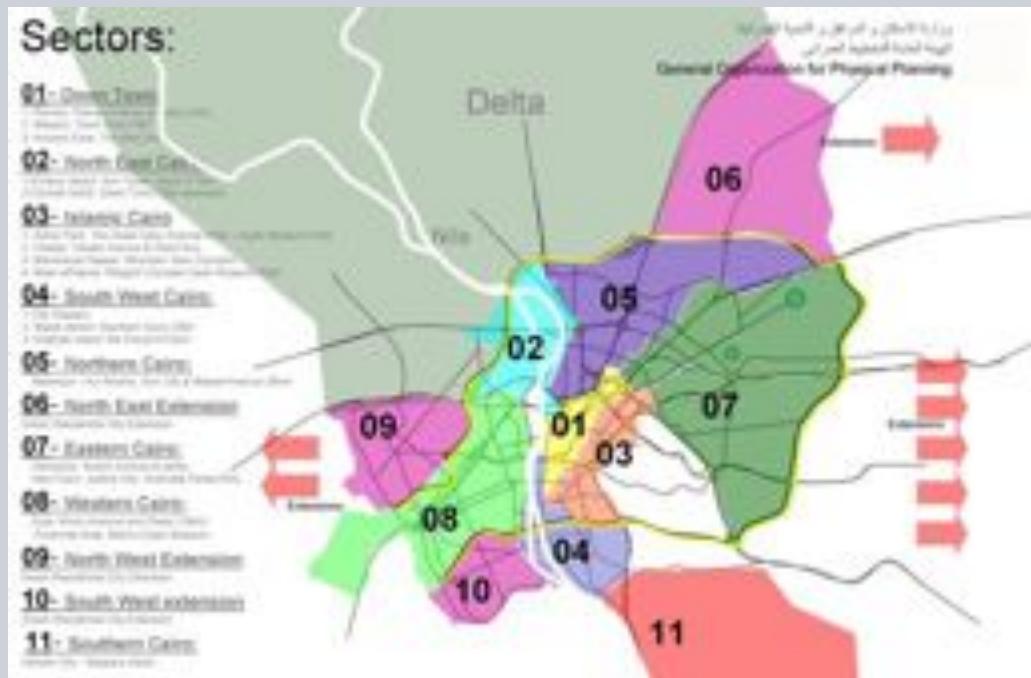
1- A city characterized by a creative and competitive atmosphere on international level
2- A leading city in culture, tourism and business
3- Integrated transportation network for a connected city
4- Safe city for pedestrians and bicycle riding
5- Attractive and viable city center
6- Viable local communities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

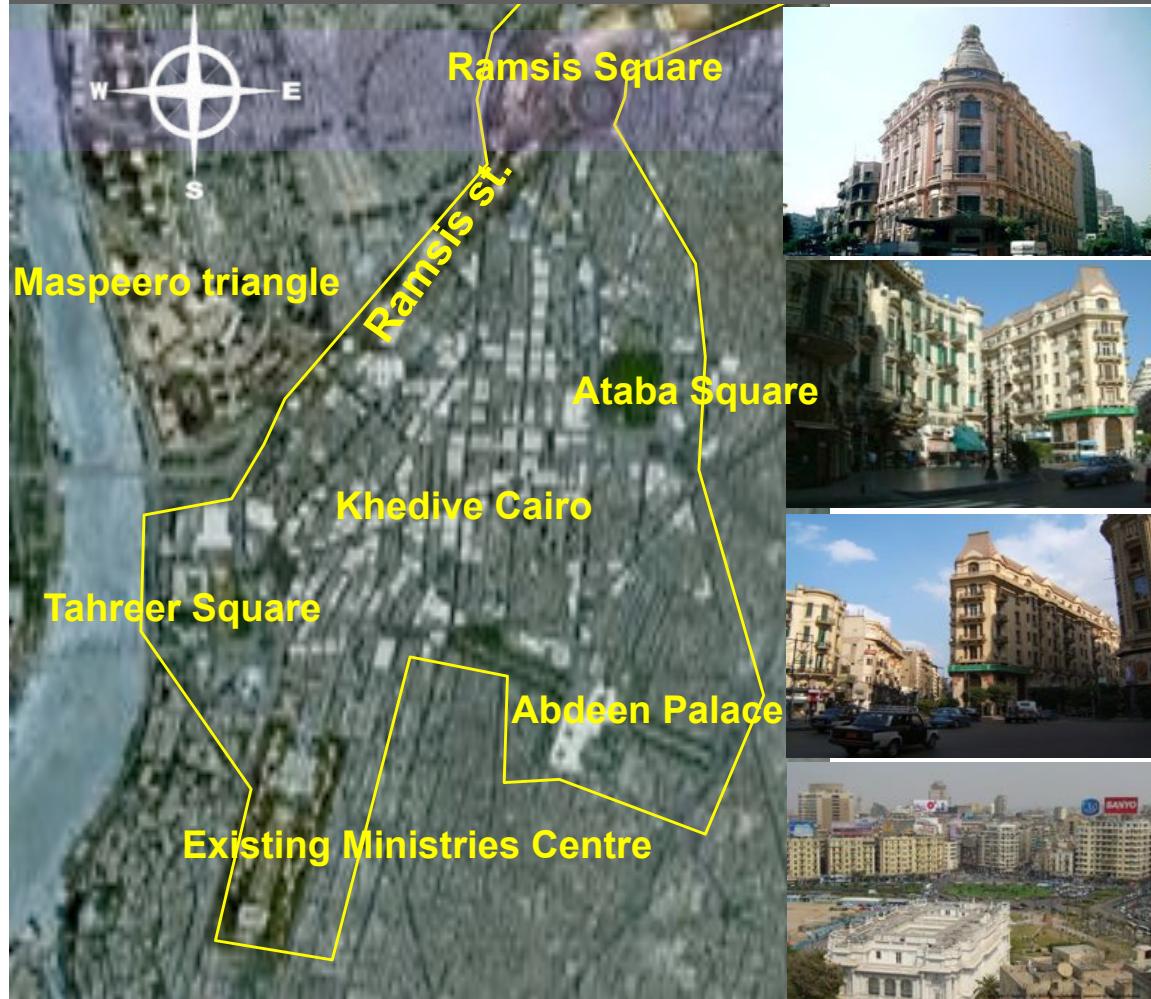
- 1- The Green residential city (4500 Feddan – South Giza)

11- South Cairo

- 1- Helwan City – Sakarra Development Axis

Getting back to pioneer and competence

City Centre Upgrading - Khedive Cairo



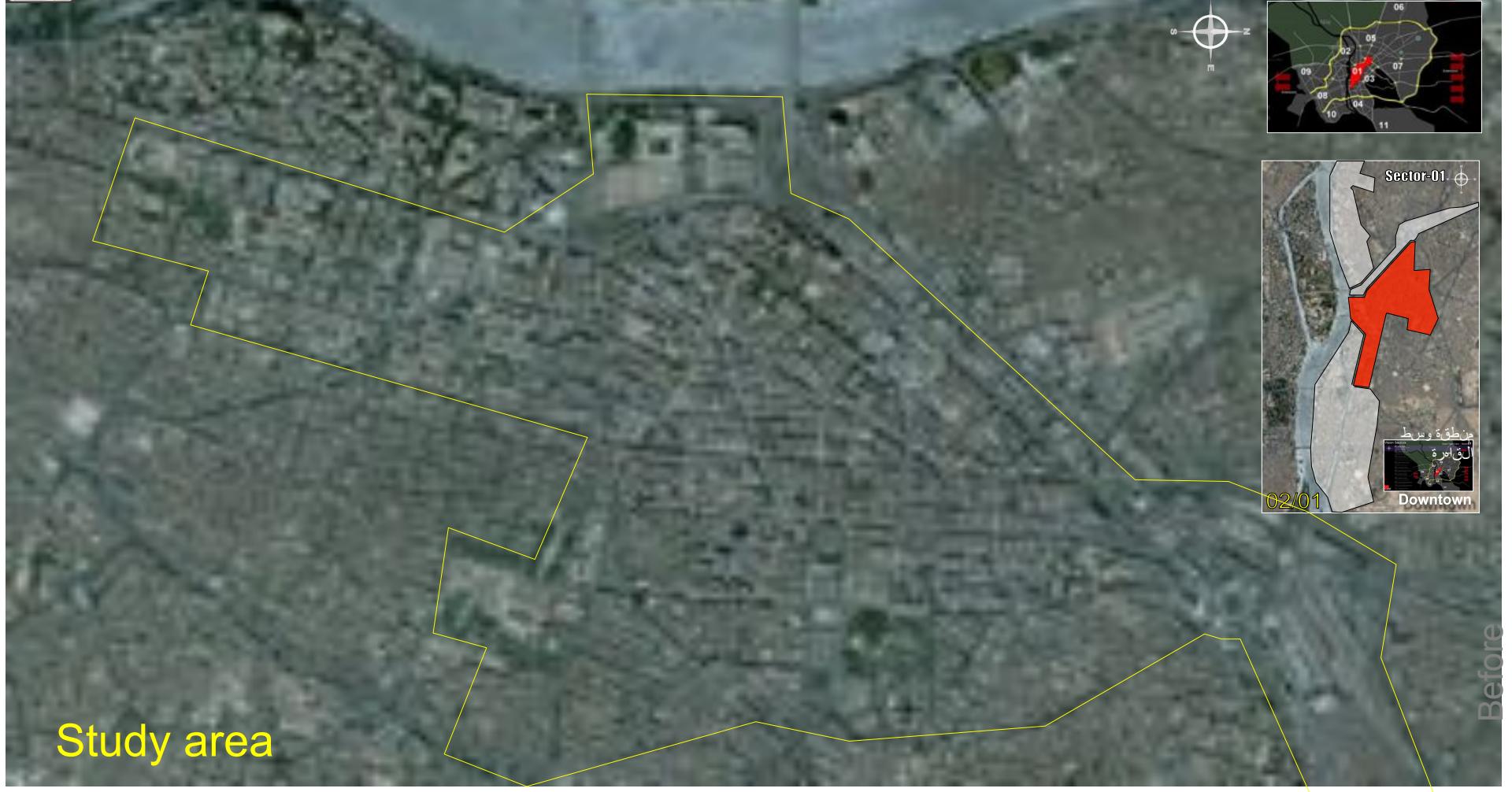
Sectors:

01- Old Cairo
02- North East Cairo
03- Helwan, Giza
04- South West Cairo
05- Northern Cairo
06- North East Extension
07- Eastern Cairo
08- Western Cairo
09- North West Extension
10- South West Extension
11- Southern Cairo

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



Upgrading city center – Khedive Cairo



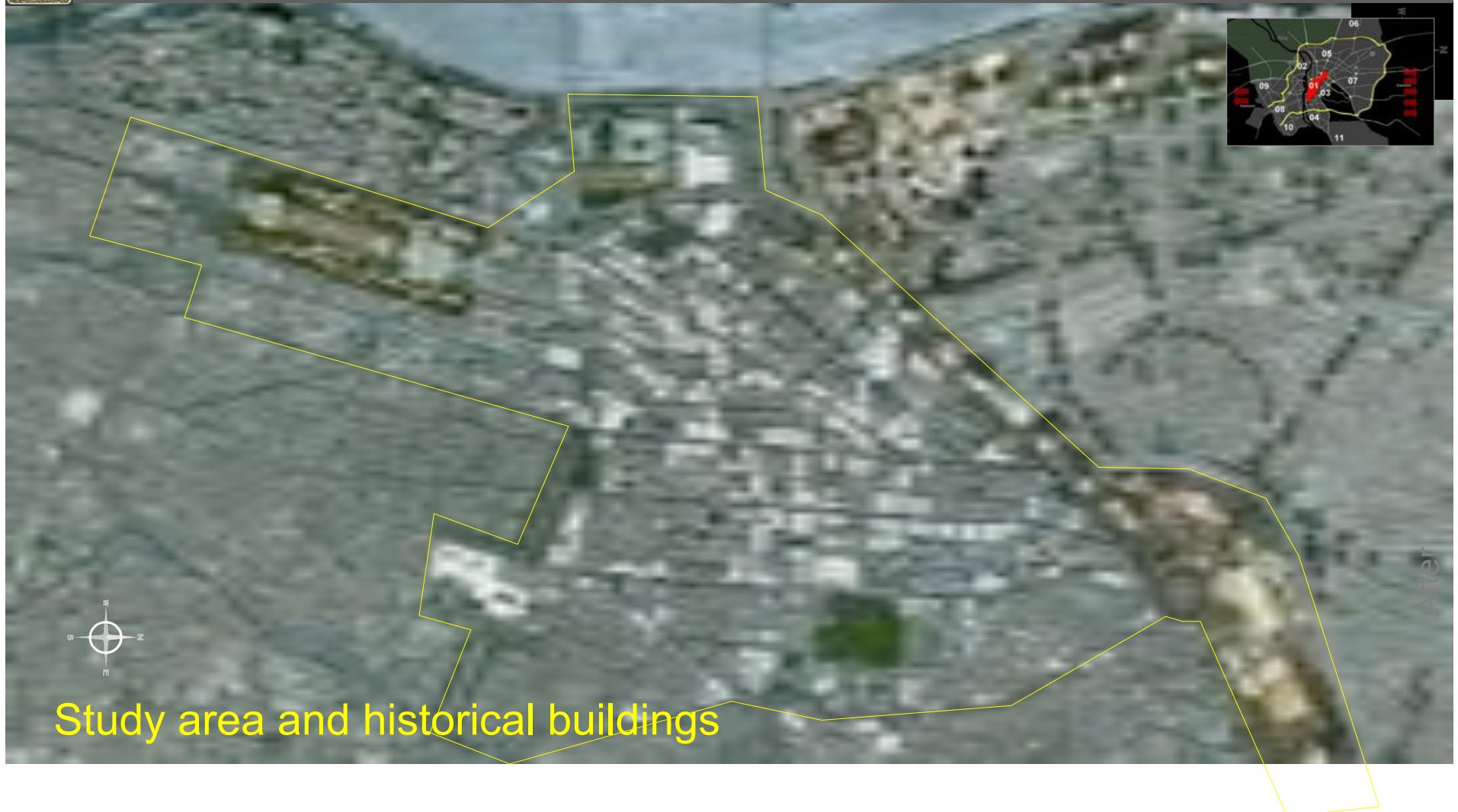


Upgrading city center – Khedive Cairo





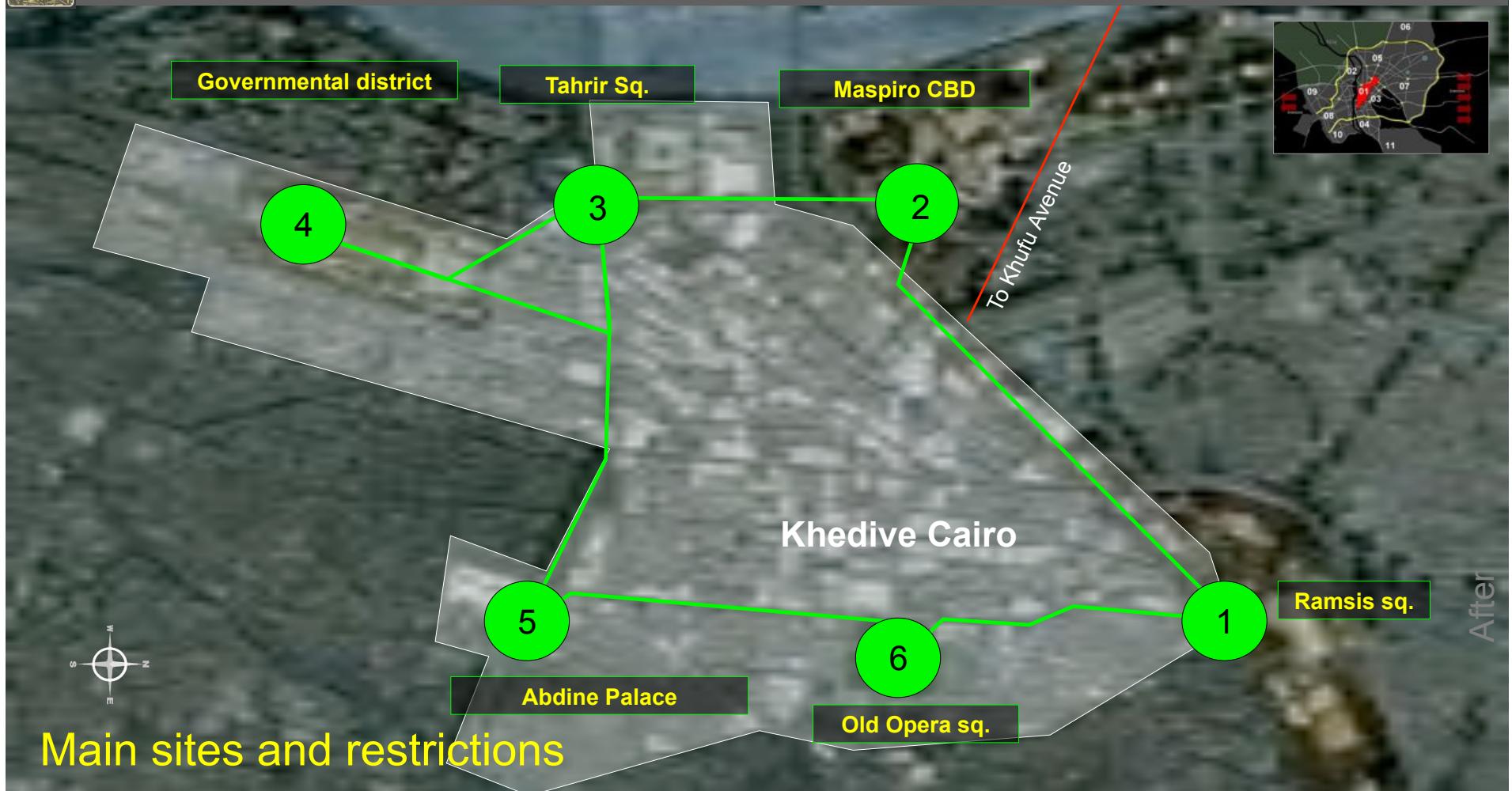
Upgrading city center – Khedive Cairo



Study area and historical buildings

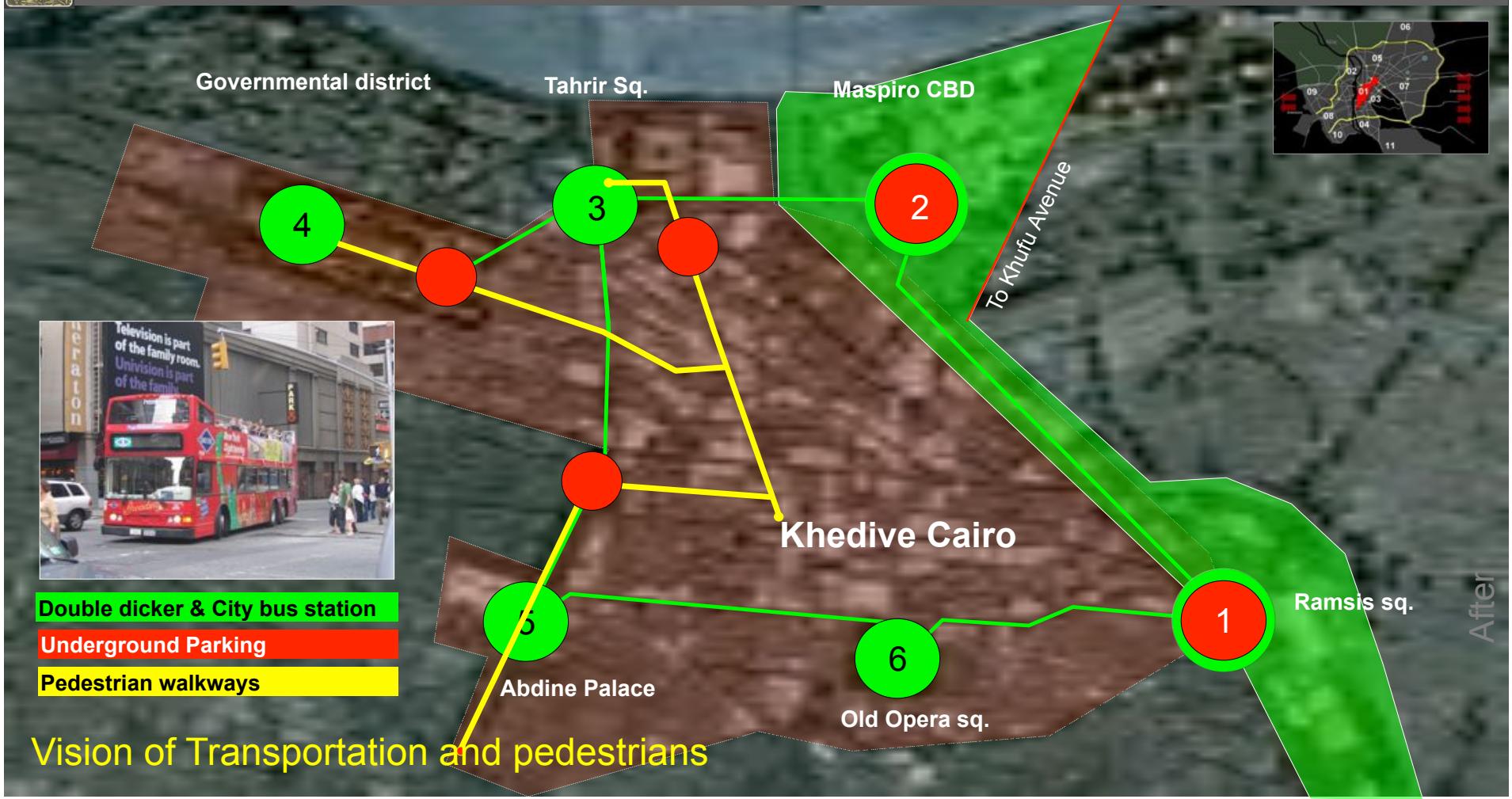


Upgrading city center – Khedive Cairo





Upgrading city center – Khedive Cairo





Upgrading city center – Khedive Cairo



Before



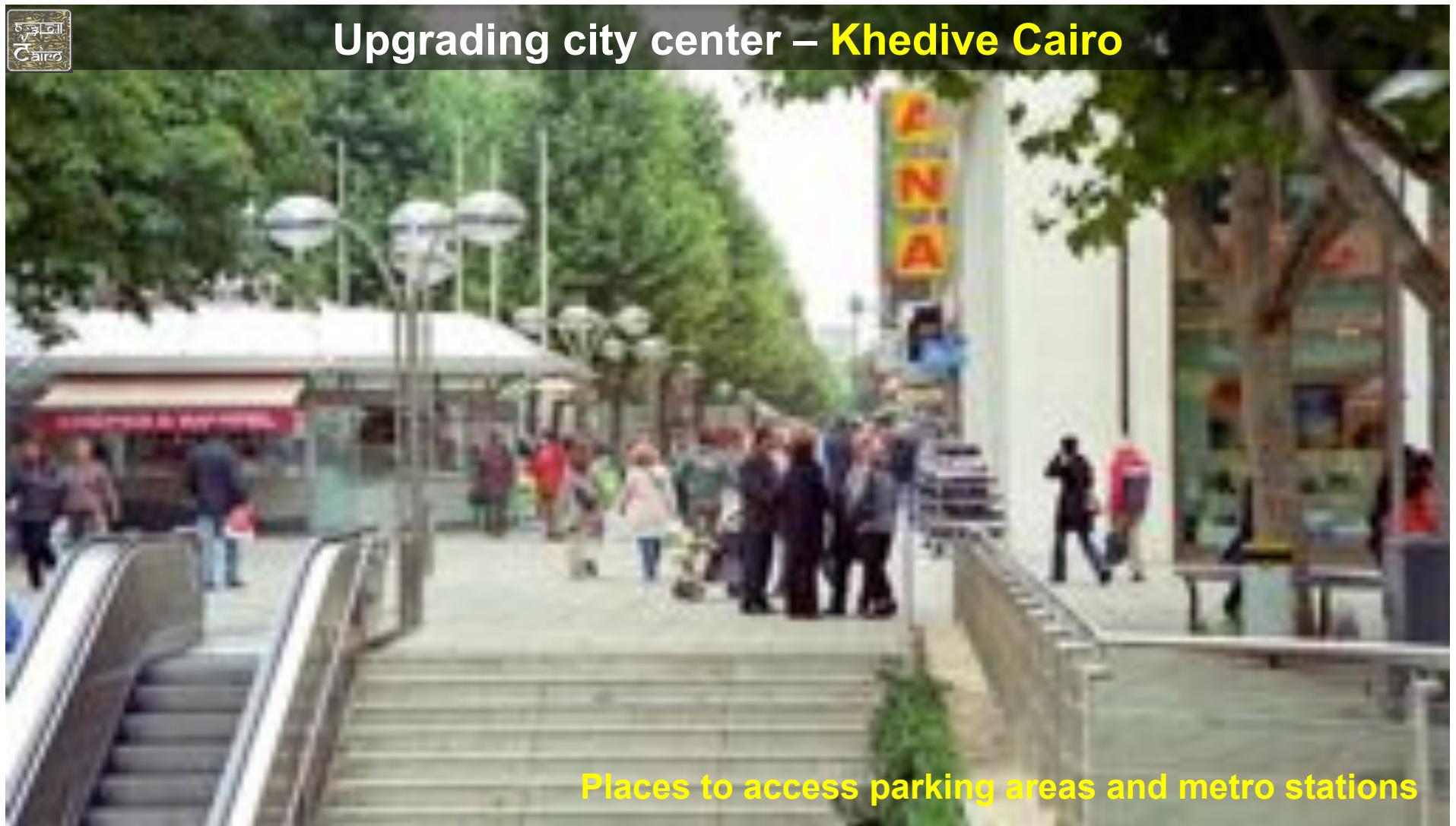
Upgrading city center – Khedive Cairo



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.



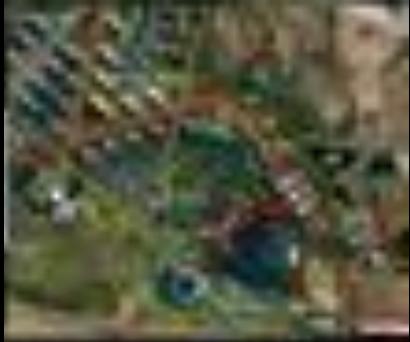
City Centre Upgrading – Ramsis street and square

After





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



New business center in Cairo (New governmental district)

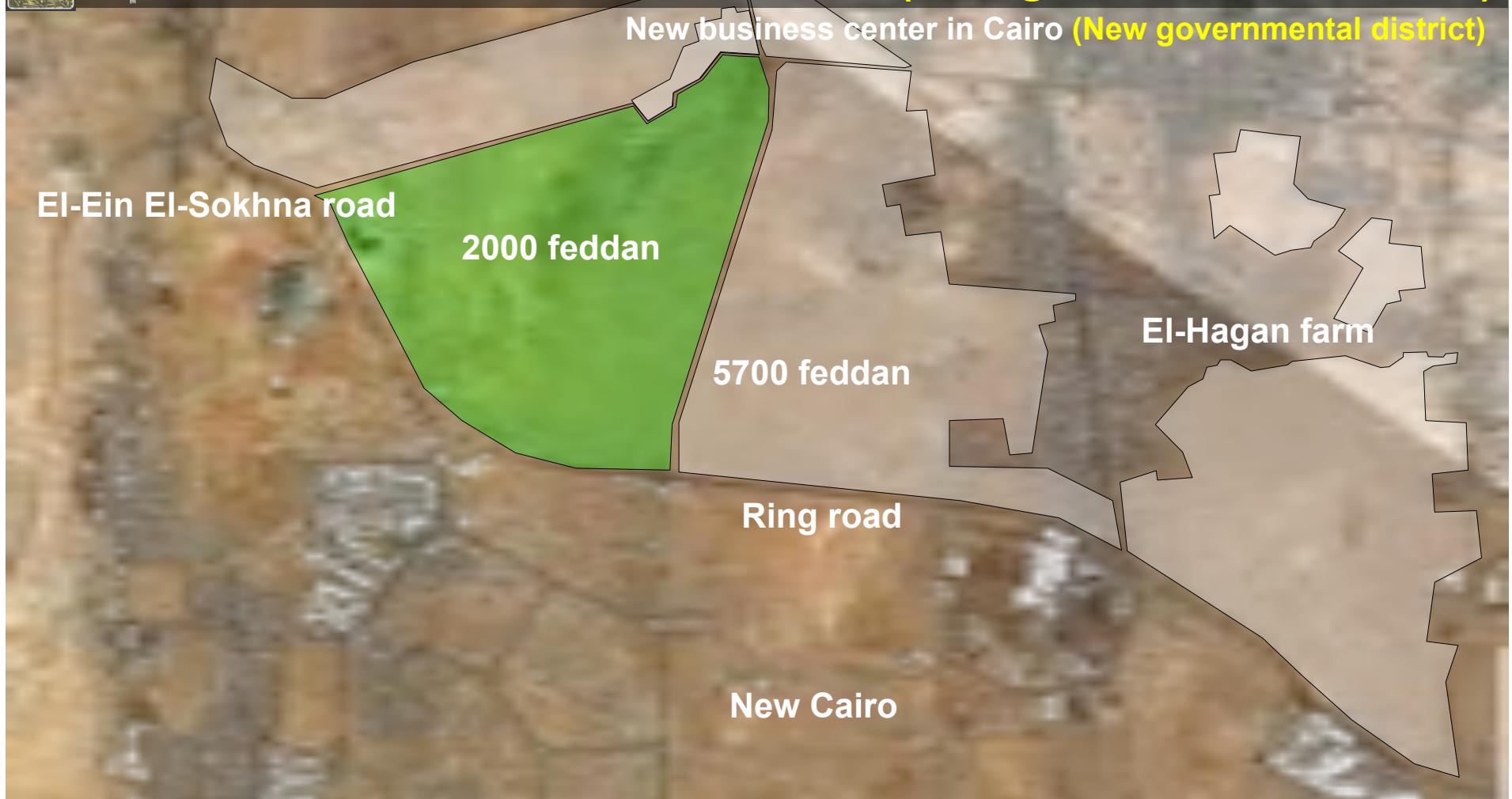


- The construction of a new city trade and business center (CBD) east Cairo, area of 2000 Feddan.
- Some of the ministries, governmental authorities, and syndicates will be transferred to the new CBD.
- The new CBD will include a park (public open area) with area of 300 Feddan.
- An administrative area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



New Cairo trade business center (New governmental district)

New business center in Cairo (New governmental district)



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)



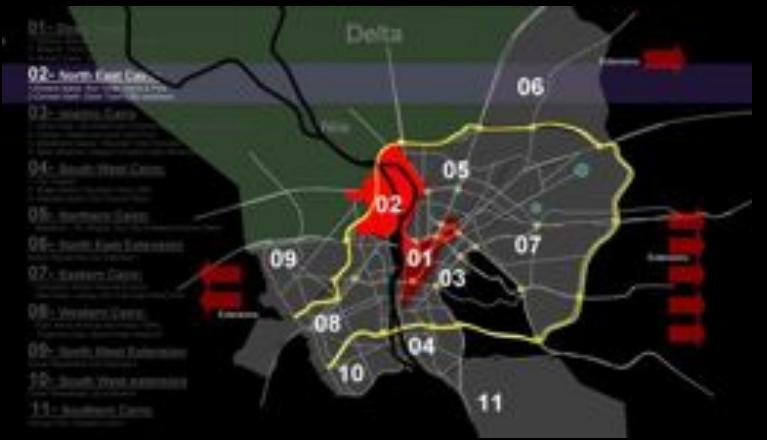
Increasing green areas



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



Sector-02



Legend:

- 01- West Extension
- 02- North East Extension
- 03- Incentive Areas
- 04- Residential Areas
- 05- Industrial Areas
- 06- South East Extension
- 07- Southern Areas
- 08- Residential Areas
- 09- Industrial Areas
- 10- South West Extension
- 11- Southern Areas

- Starting from Mapiro 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



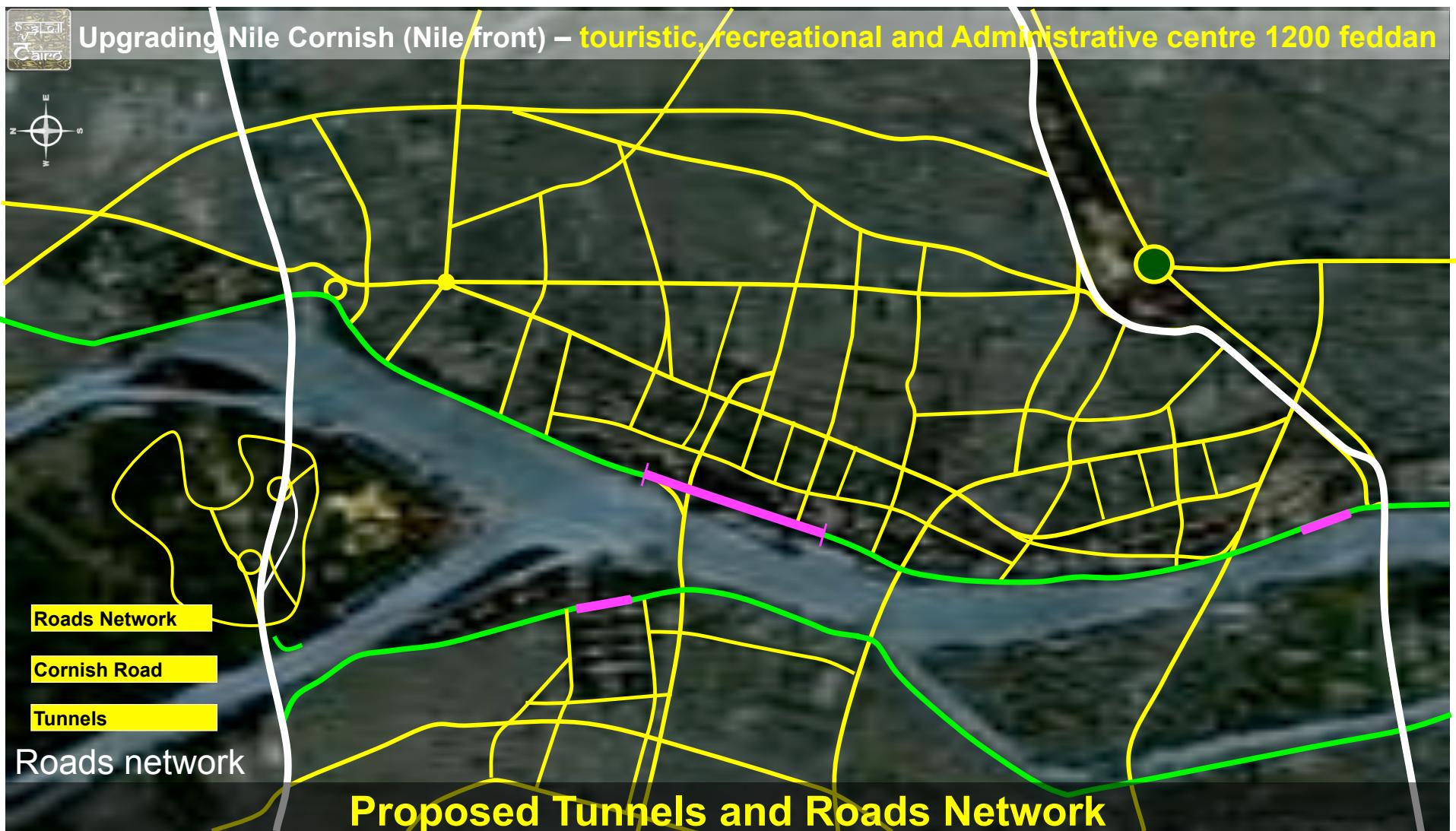


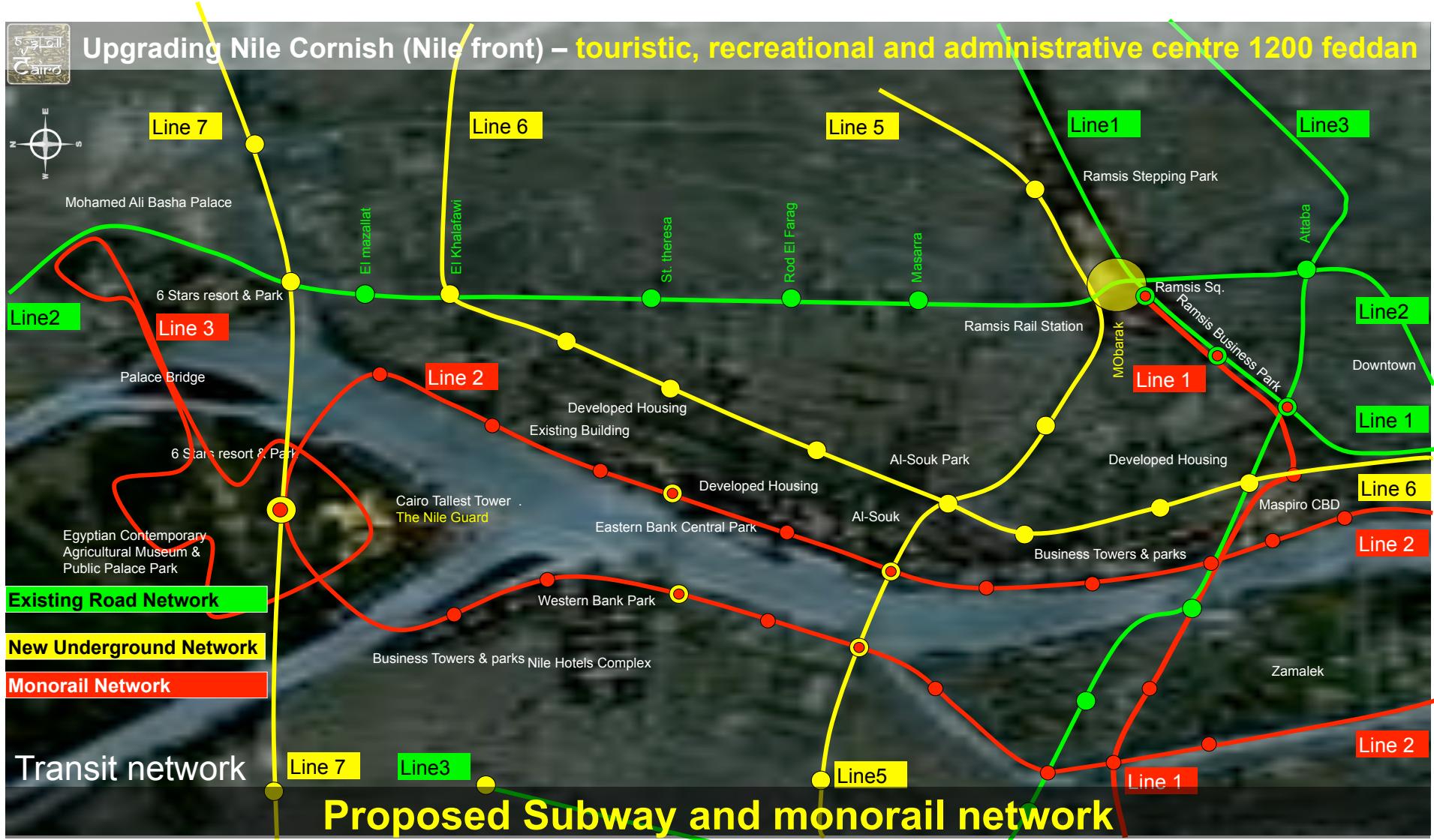
Upgrading Nile Cornish (Nile front) – touristic, recreational and Administrative centre 1200 feddan





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)



El Azhar Parks (Salah Salem Cemeteries Area)



El Azhar Parks (Salah Salem Cemeteries Area)



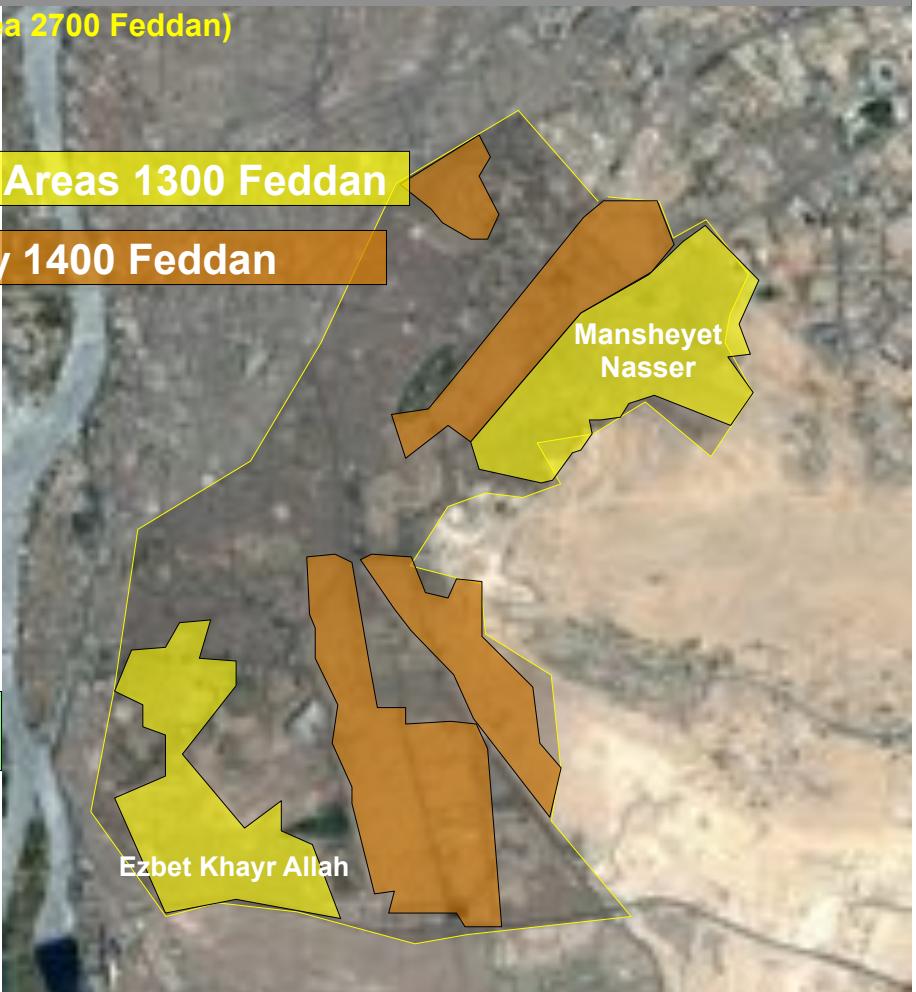
El Azhar Parks (Salah Salem Cemeteries Area)

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

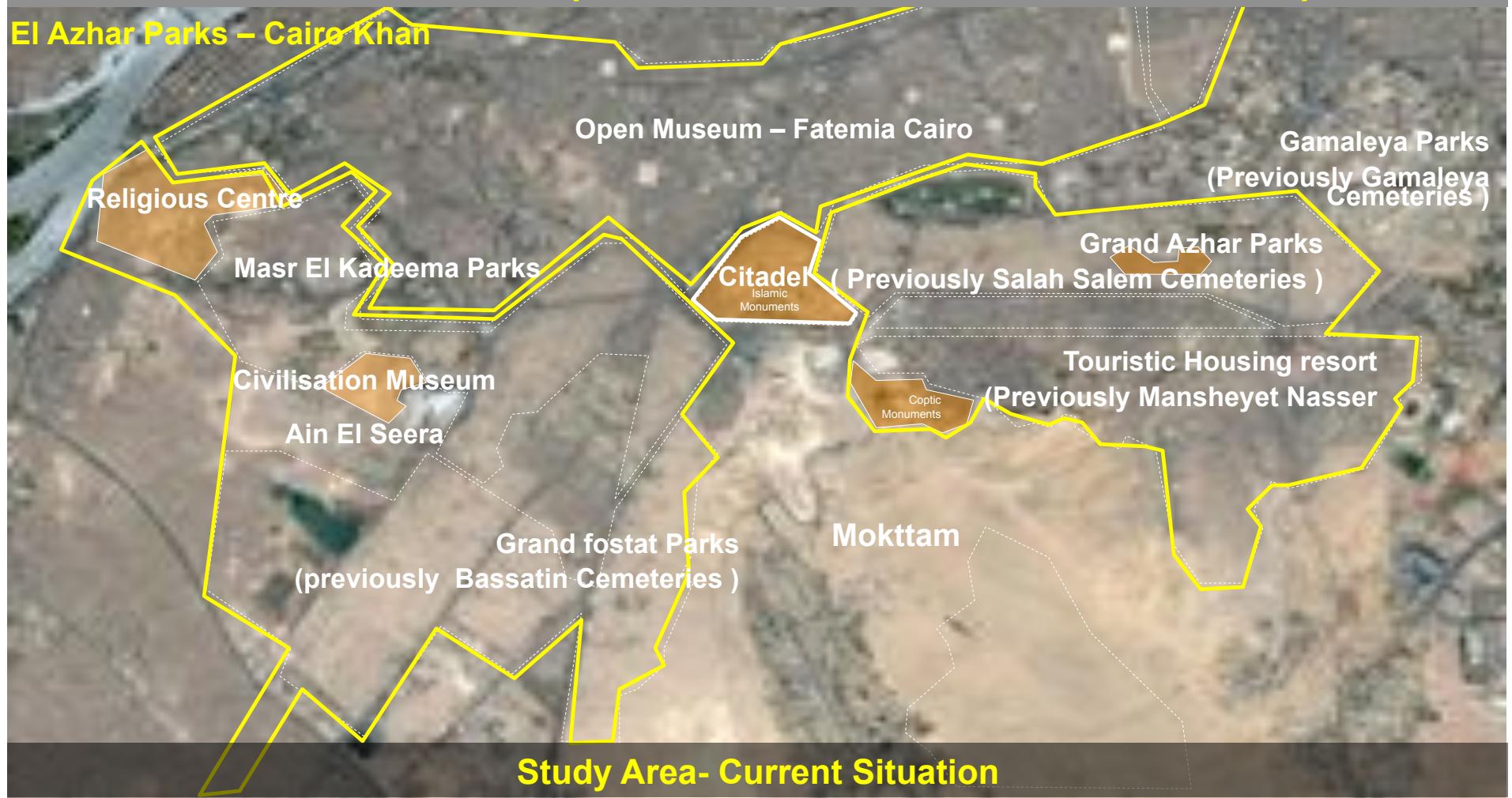


Informal Areas 1300 Feddan

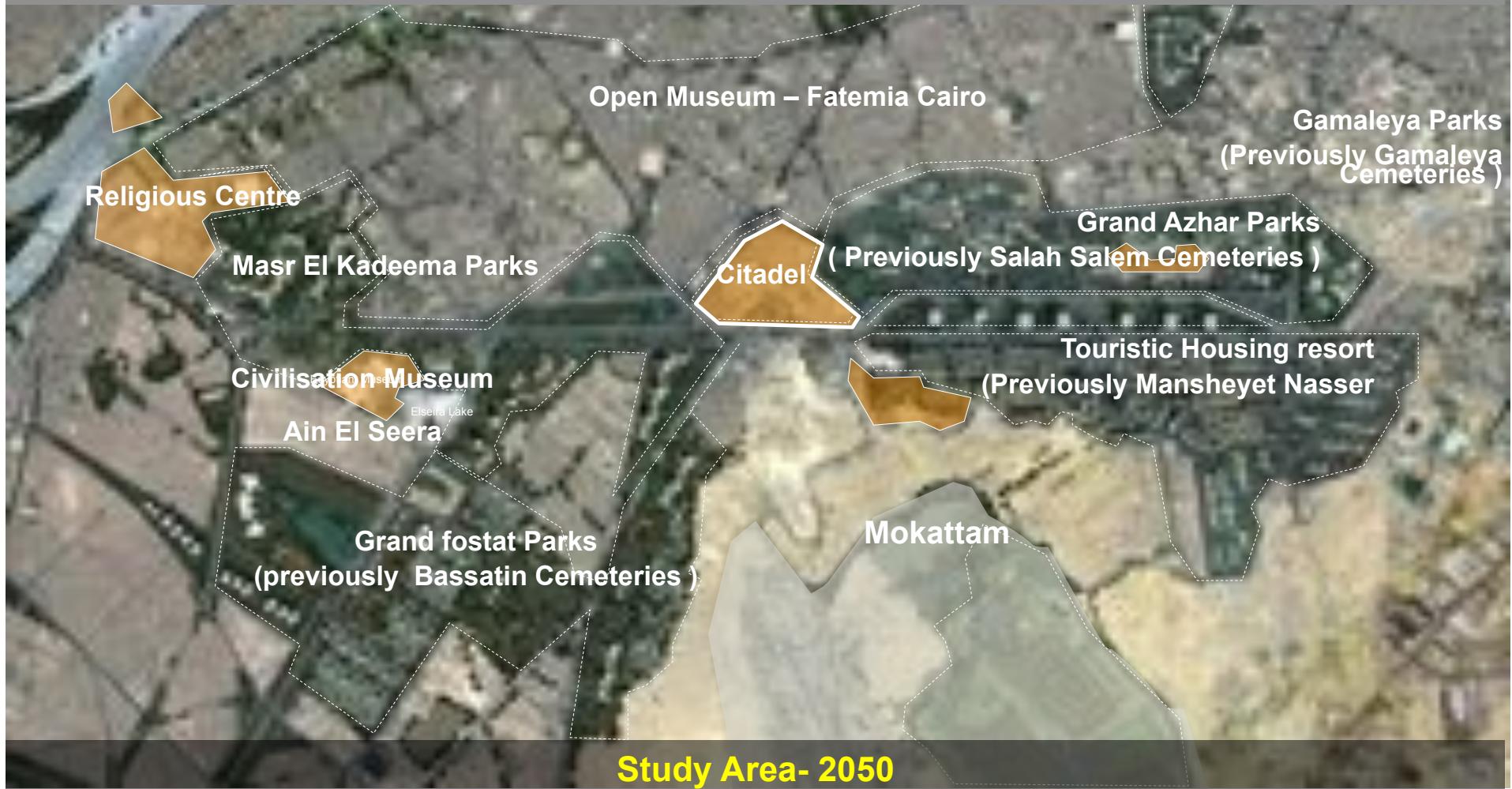
Cemetery 1400 Feddan



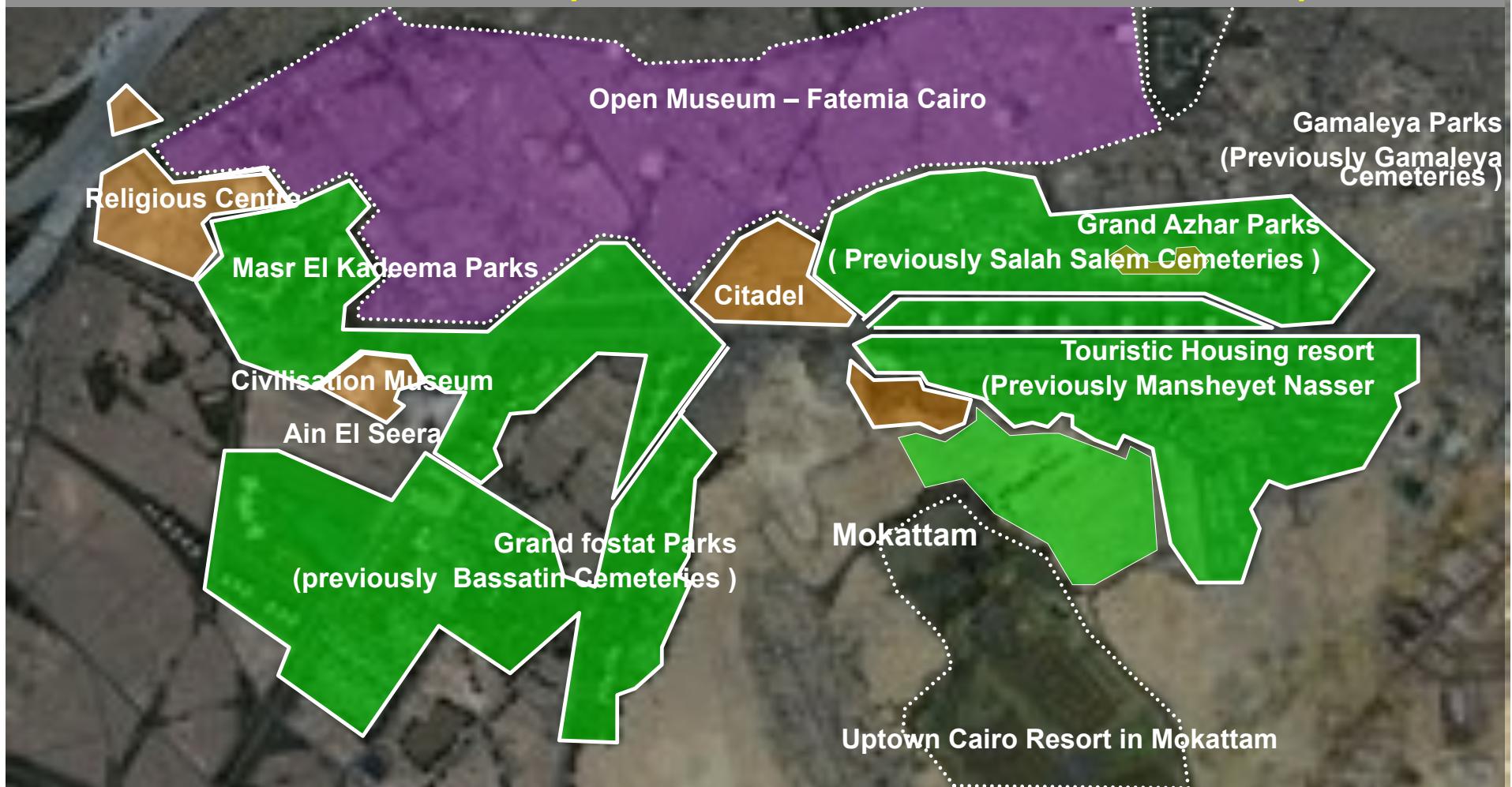
El Azhar Parks (Salah Salem Cemeteries Area)



El Azhar Parks (Salah Salem Cemeteries Area)



El Azhar Parks (Salah Salem Cemeteries Area)





El Azhar Parks (Salah Salem Cemeteries Area)



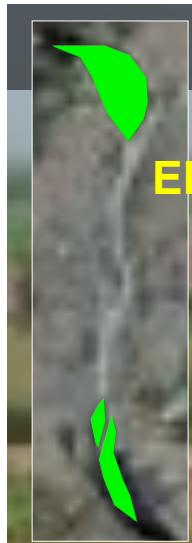


القاهرة 2050 - مصر 2050
Cairo Future Vision 2050

Cairo 2050



The great traditional handicrafts bazaars, workshops & joints



Upgrading of Nile Islands - El Warрак & El Dahab



El Warрак Island

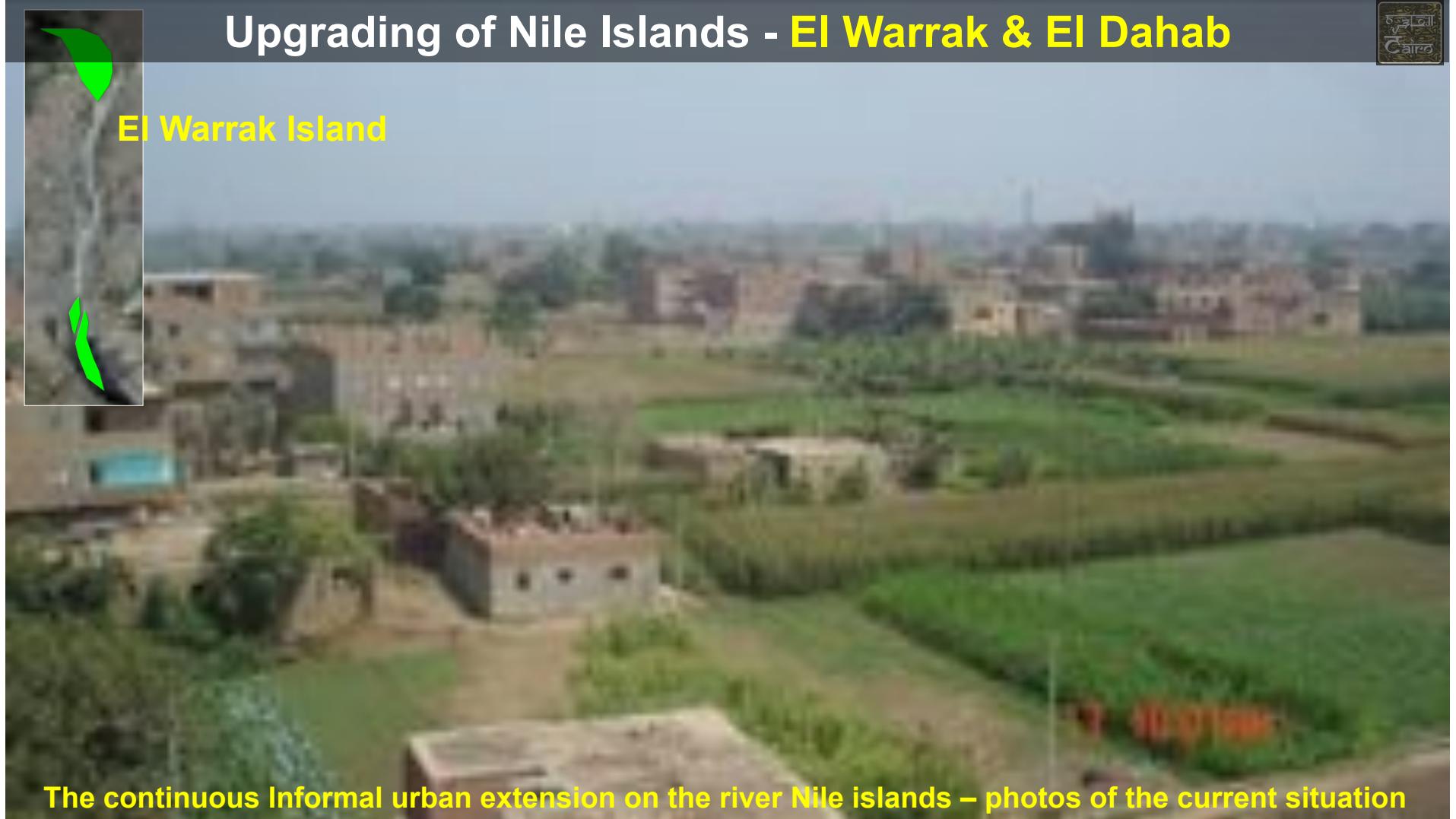


The continuous Informal urban extension on the river Nile islands – photos of the current situation

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

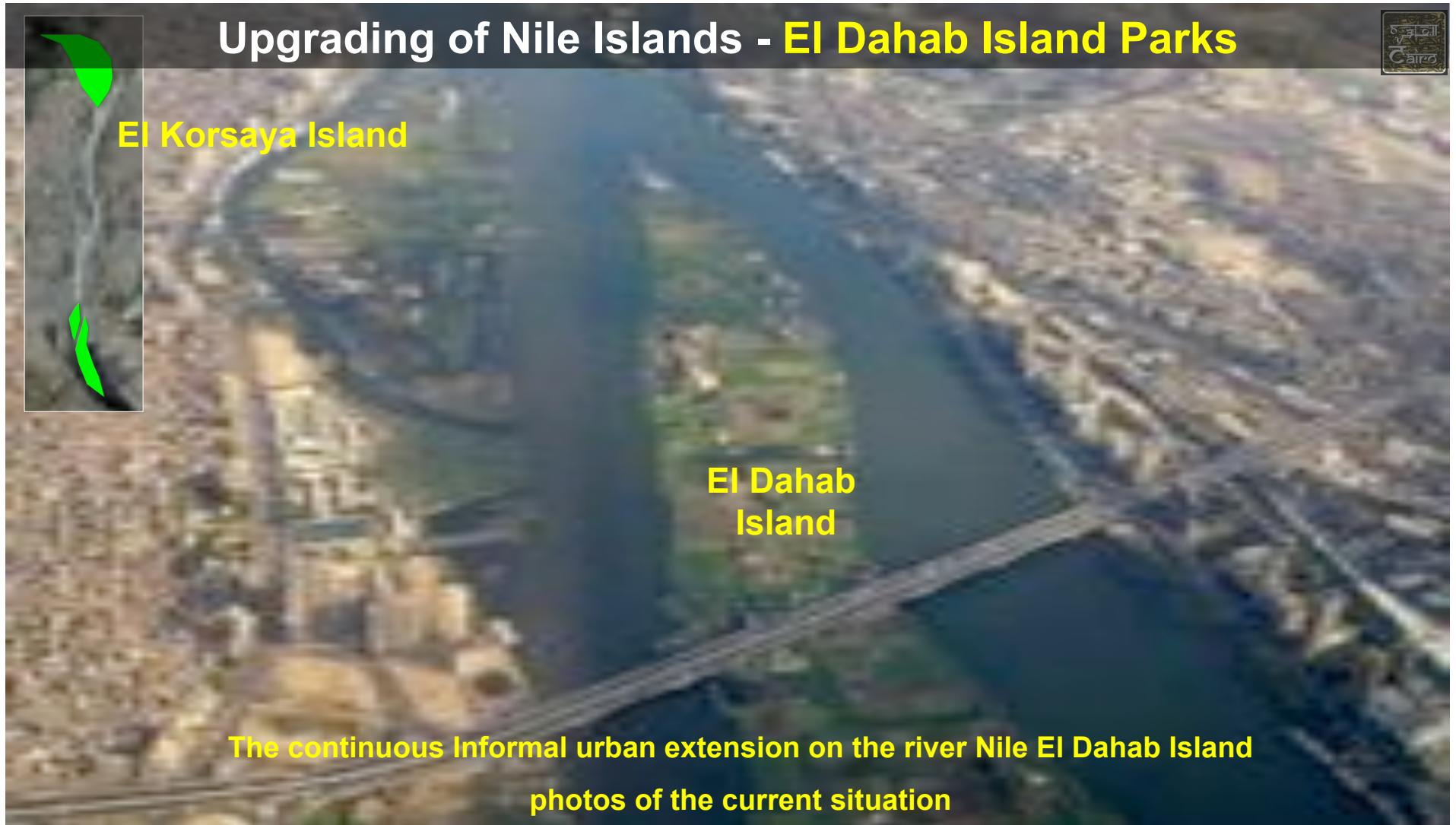


El Warrak Island



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

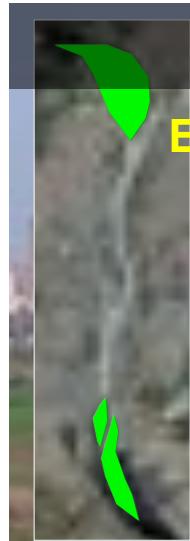
Upgrading of Nile Islands - El Dahab Island Parks



Upgrading of Nile Islands - El Dahab Island Parks



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

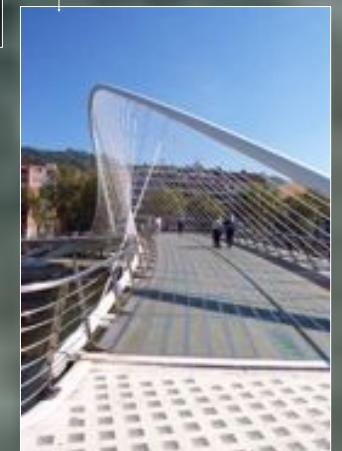


Agri-Island Parks – Open
Agri-Museum

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

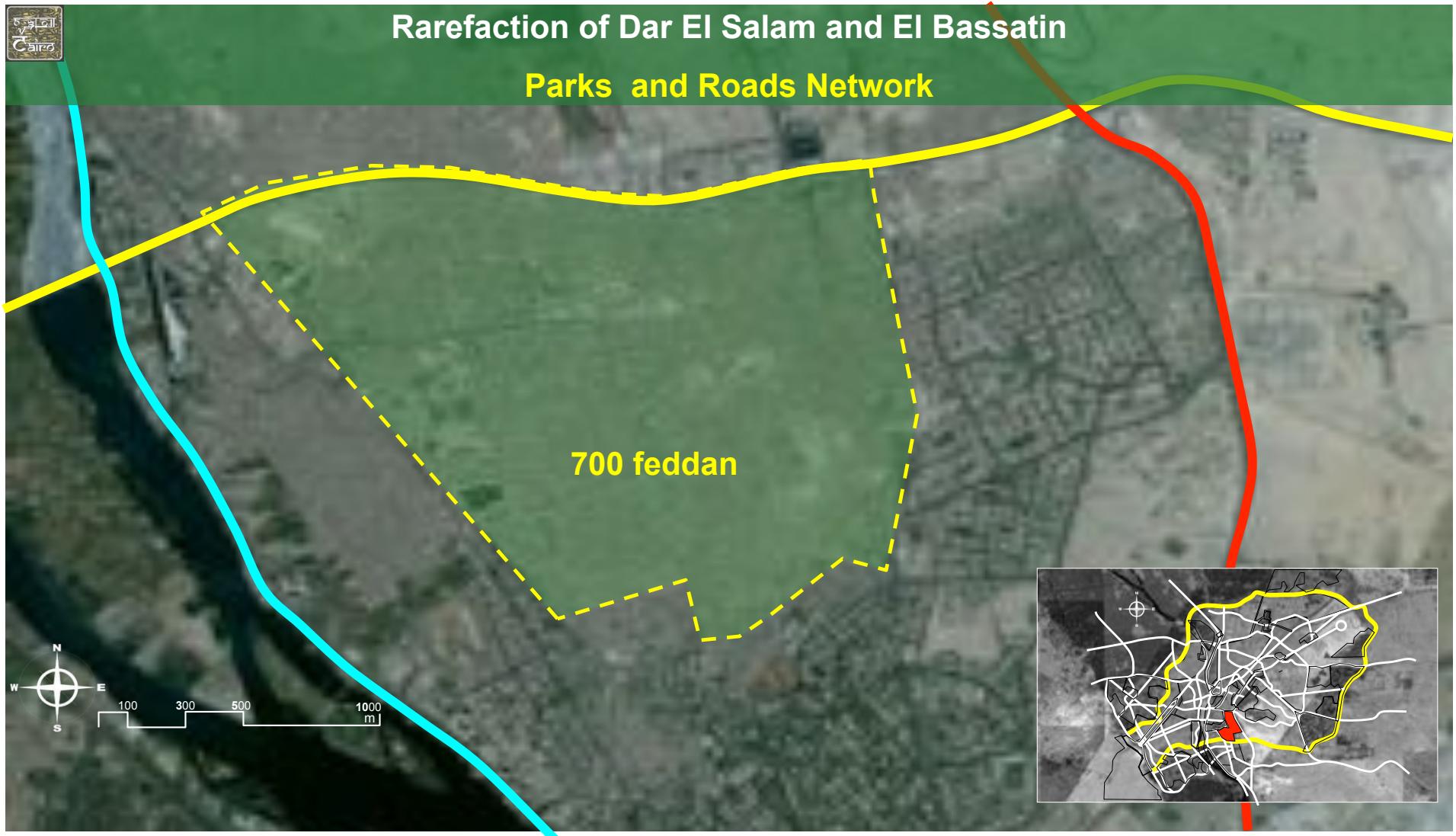
The Cairo Cloud- El Dahab Island Parks

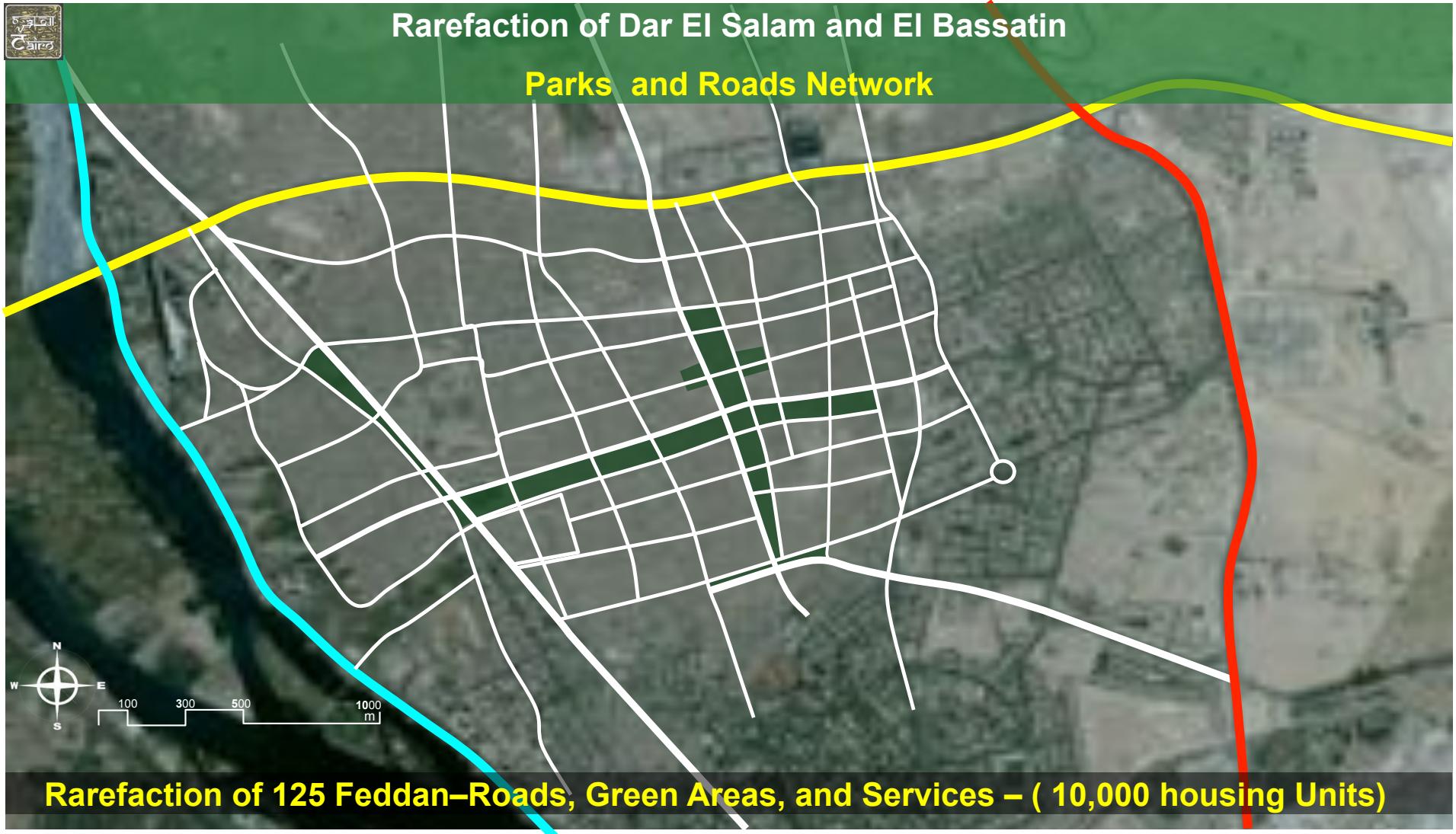




Rarefaction of El Bassatin and Dar El Salam Parks and Roads







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)

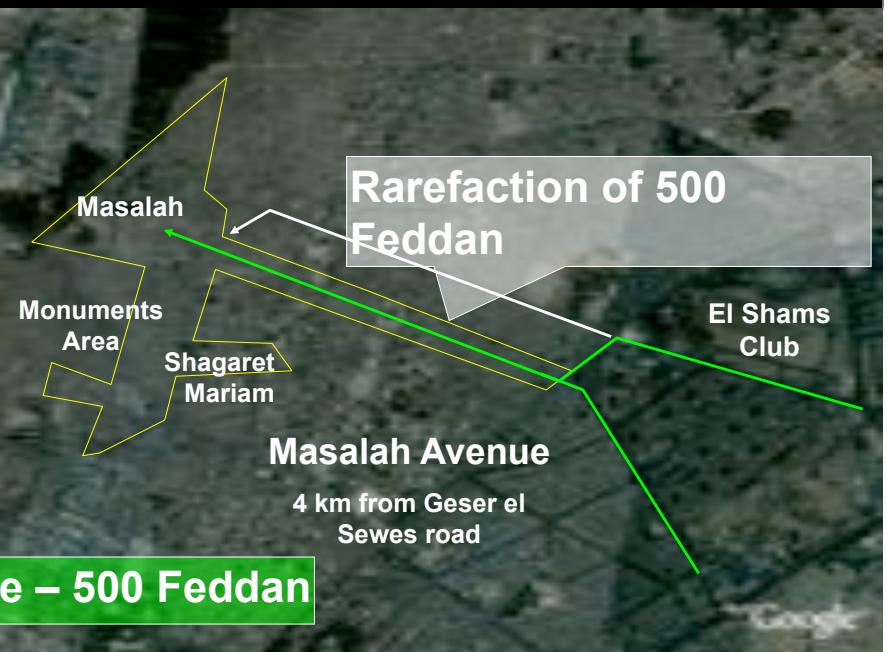
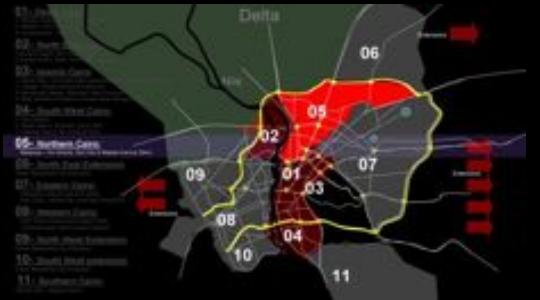
City of the Sun- El Masalah Avenue





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

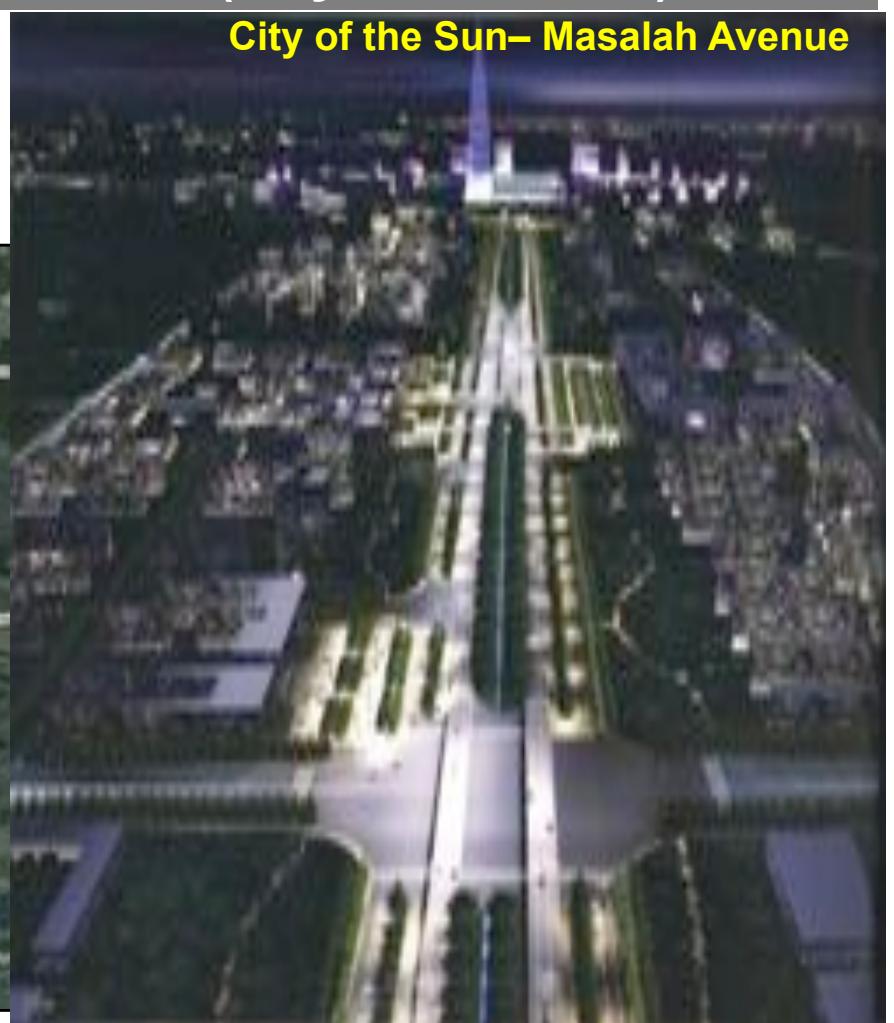
City of the Sun – El Masalah Avenue





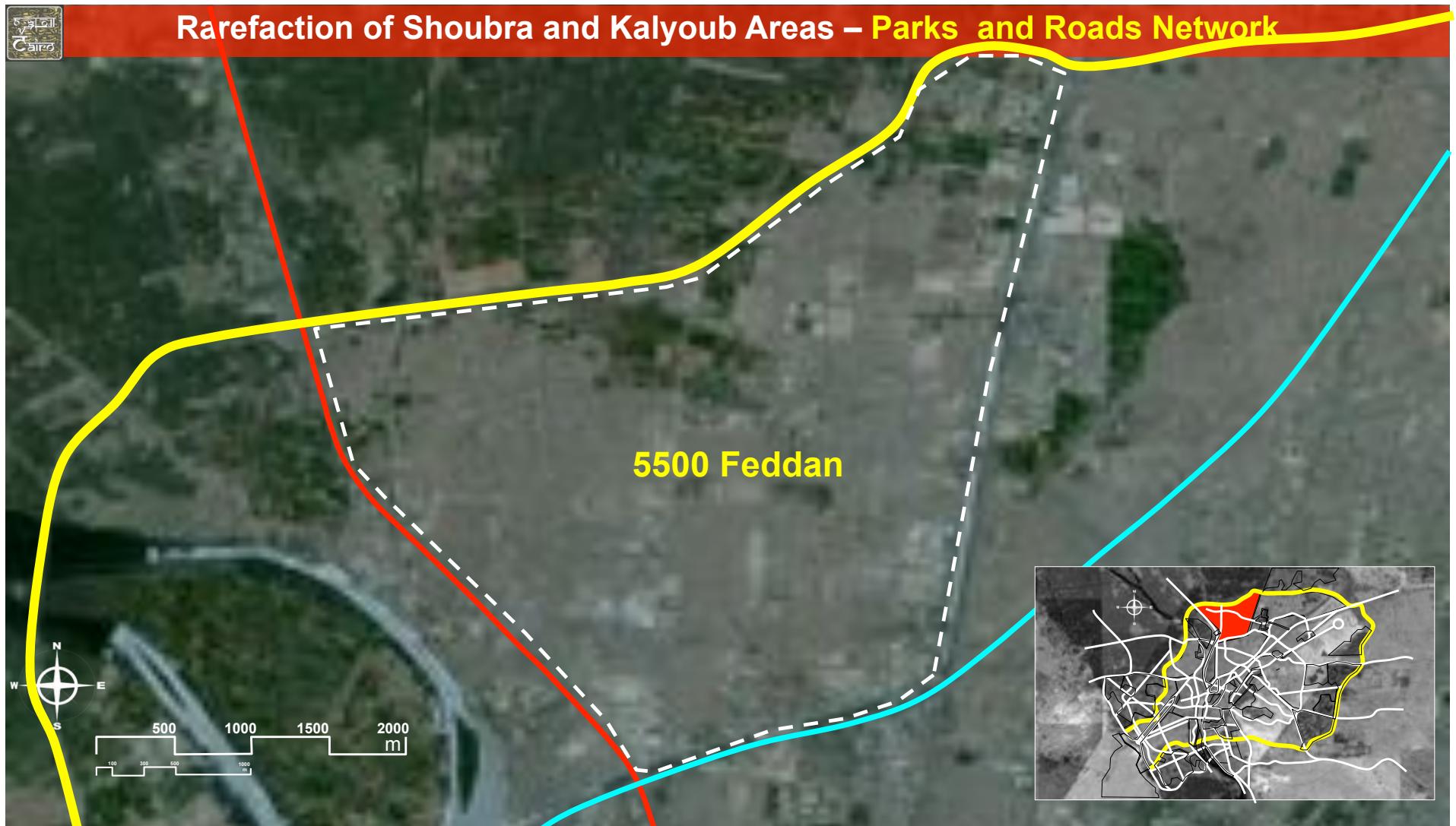
Ain Shams and el Matareyah Parks – (City of the Sun)

Parks and City of the Sun Avenue – 500 Feddan





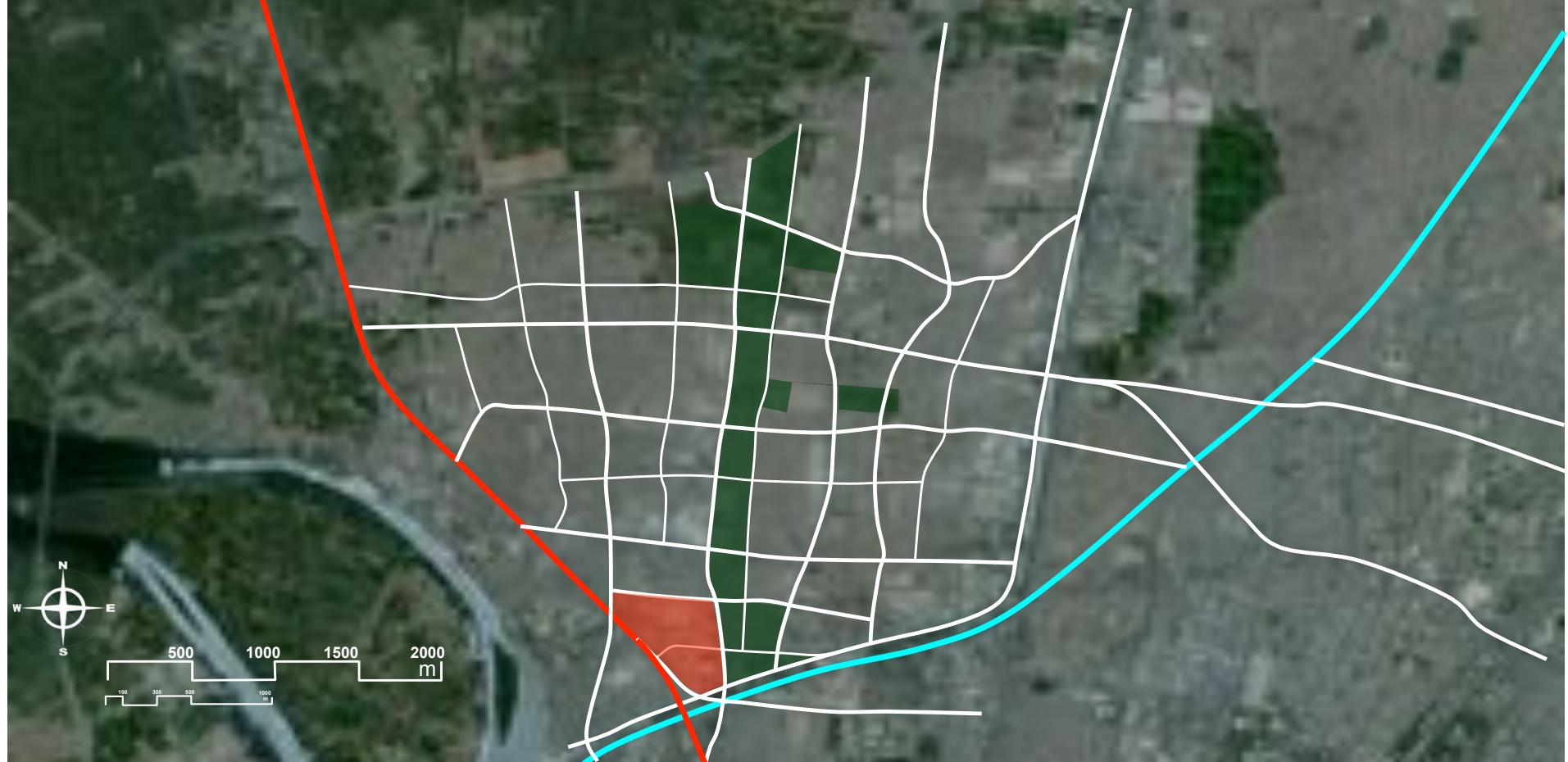
Rarefaction of Shoubra and Kalyoub Areas – Parks and Roads Network





Rarefaction of Shoubra and Kalyoub Areas – Parks and Roads Network

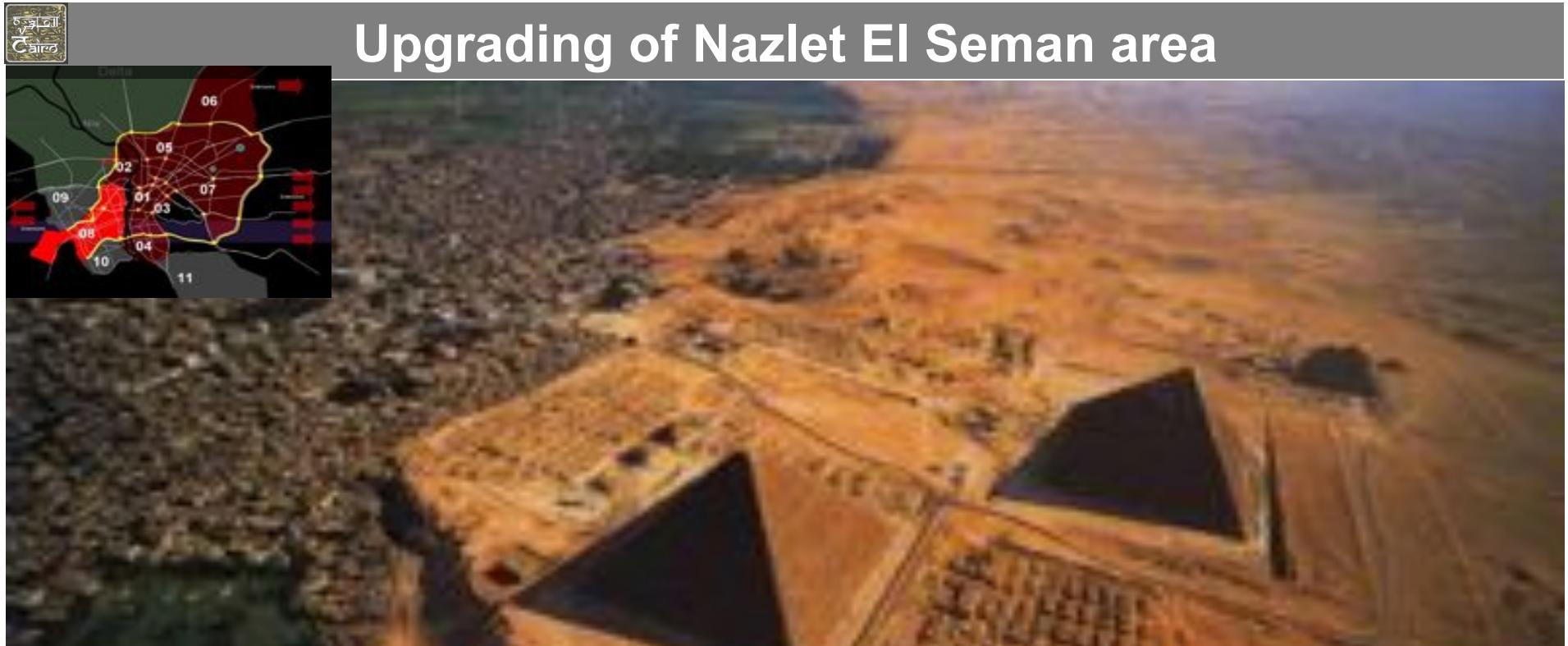
Rarefaction of 180 Feddan – Roads, services and Parks – (14,000 housing Unit)



**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



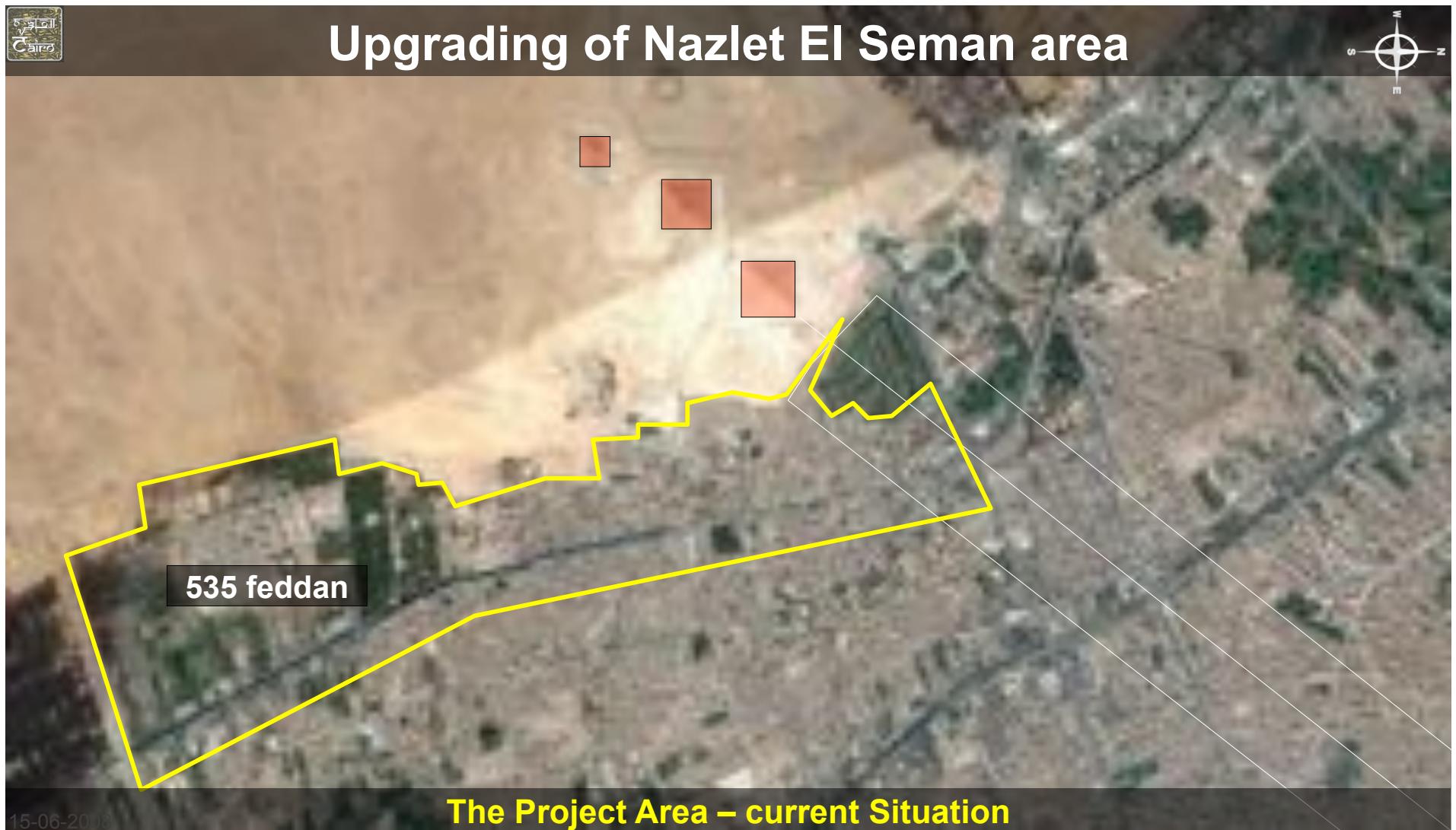
15-06-2008

The Project Area – current situation





Upgrading of Nazlet El Seman area



15-06-2008

The Project Area – current Situation



Upgrading of Nazlet El Seman 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



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

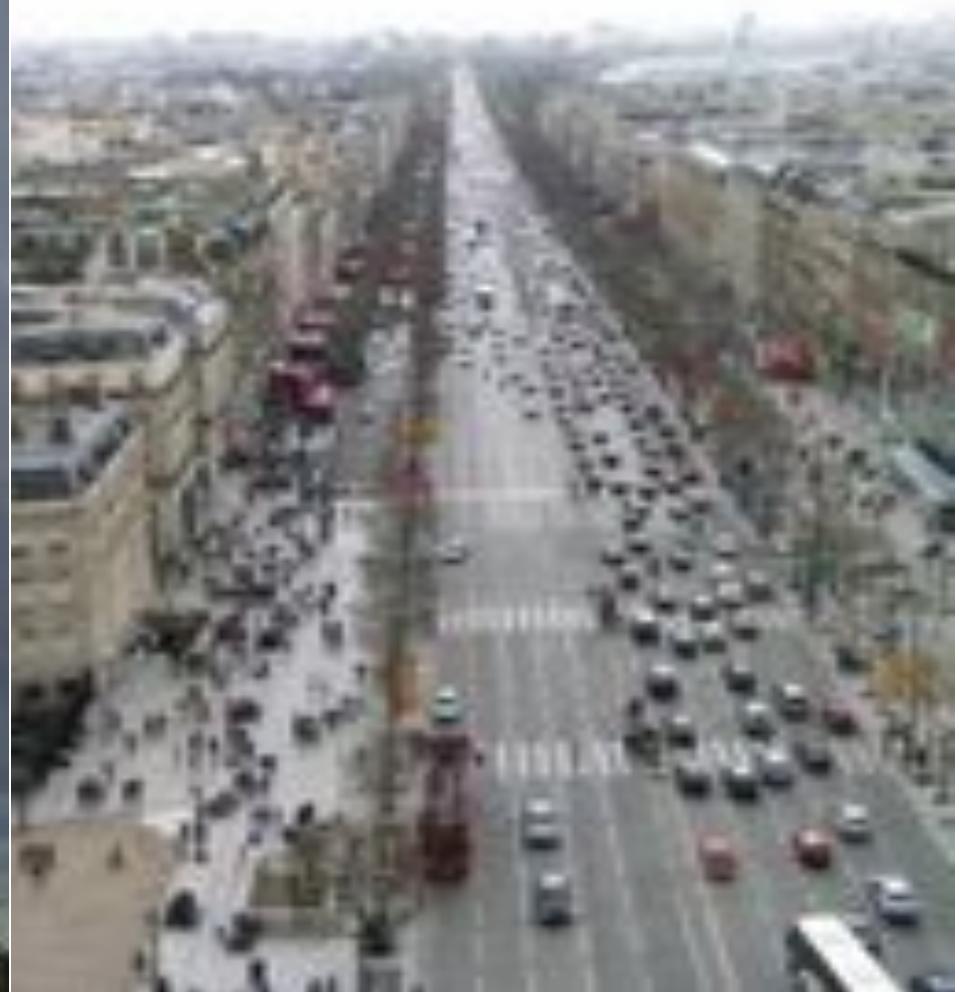
International Examples Champ Elysees - Paris



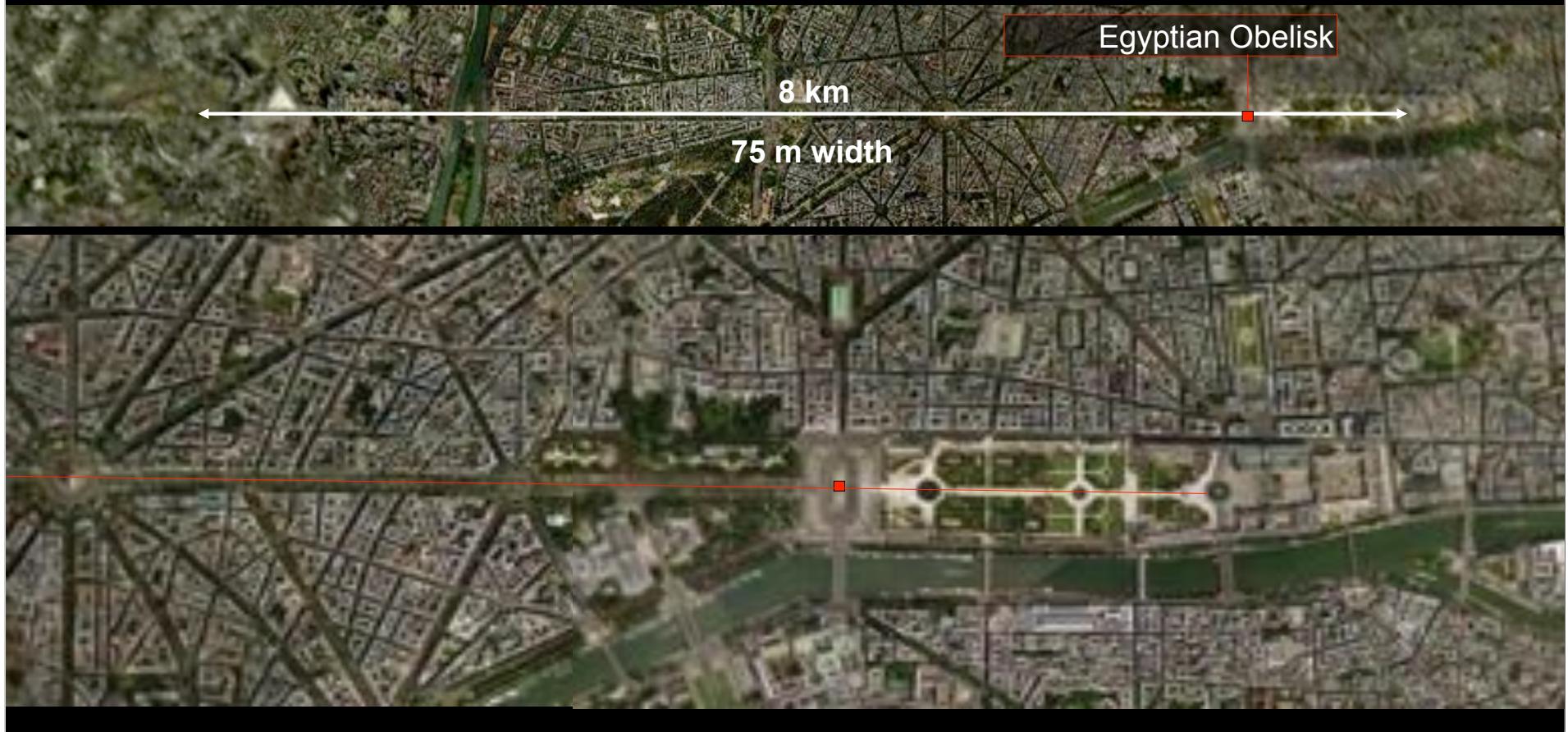
Avenue des Champs-Élysées

1968 (Kammerer, Minutine)

International Examples Champ Elysees - Paris



International Examples Champ Elysees- Paris



International Examples Washington MALL - USA

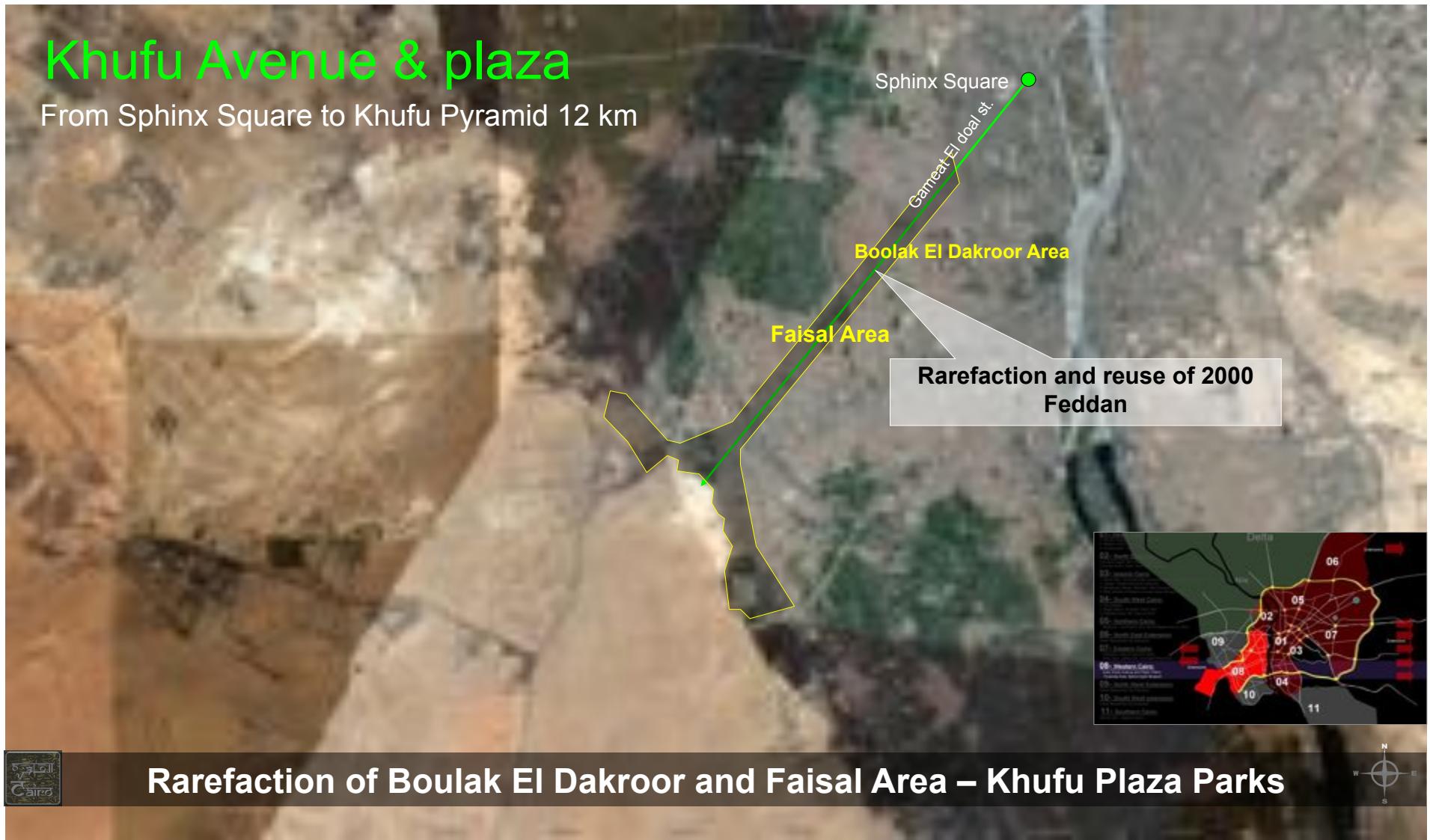


International Examples Washington MALL - USA



Khufu Avenue & plaza

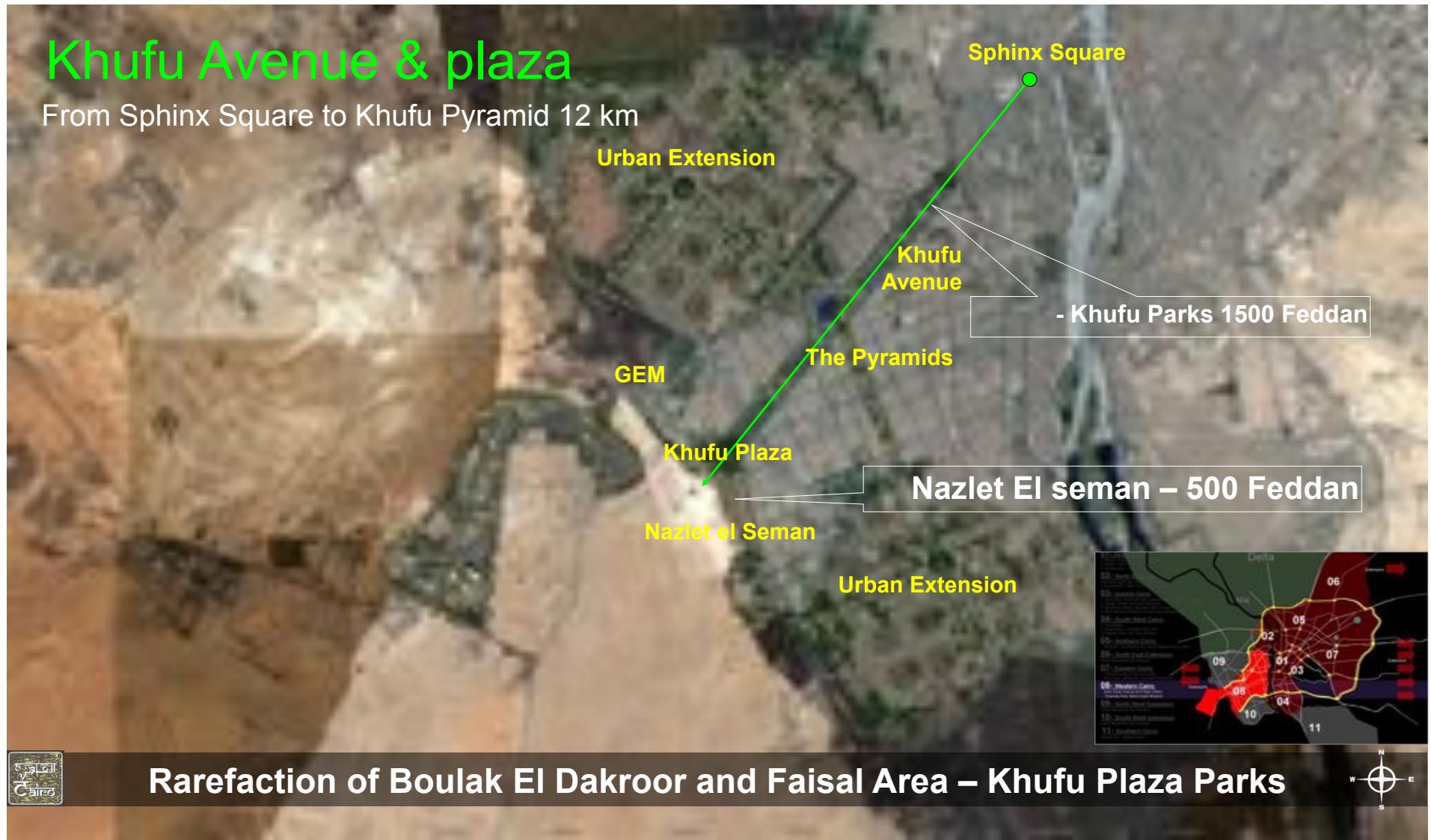
From Sphinx Square to Khufu Pyramid 12 km



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

Khufu Avenue & plaza

From Sphinx Square to Khufu Pyramid 12 km







Khufu Plaza & Sphinx open Museum



Video

Khufu Plaza Parks 2000 Feddan



Cairo Future Vision 2050
دراة مصر 2050



Khufu Avenue & Parks



Cairo Future Vision 2050
جهاز حماية البيئة



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



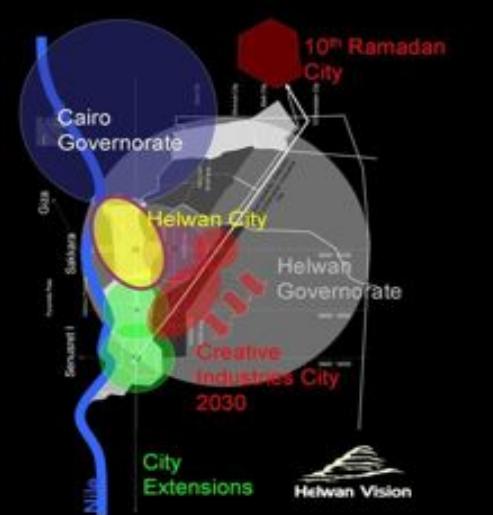
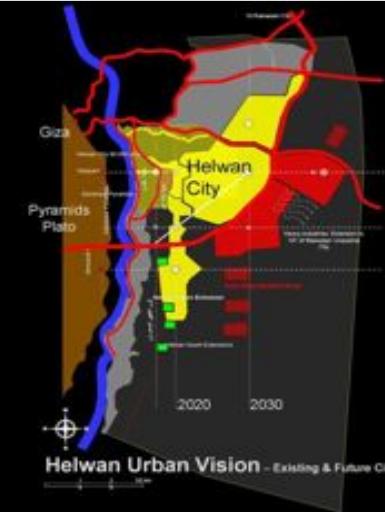
Khufu Plaza & Sphinx open Museum



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 15th May city, and the extension of Helwan city which will:

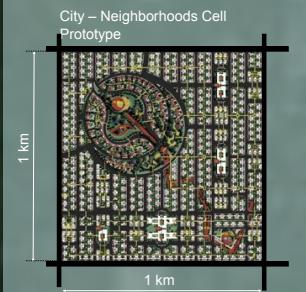
- Open the view of Sakkara pyramids.
- Rarefaction of slum areas.
- A park is centered in the avenue with width 150 m along the avenue
- Services and touristic buildings are allocated on both sides of the avenue.

Sakkara Avenue Parks - Helwan City Vision



Sakkara Avenue- Helwan city

The new housing neighborhood



500,000 housing unit

Nile Parks 500 Feddan

Sakkara Avenue



Layout

10 Km

The new residential areas

Spots Parks

15 City of May

5.0 Km

Service centre

Housing Neighborhoods

50

8.0 Km

10 Km

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





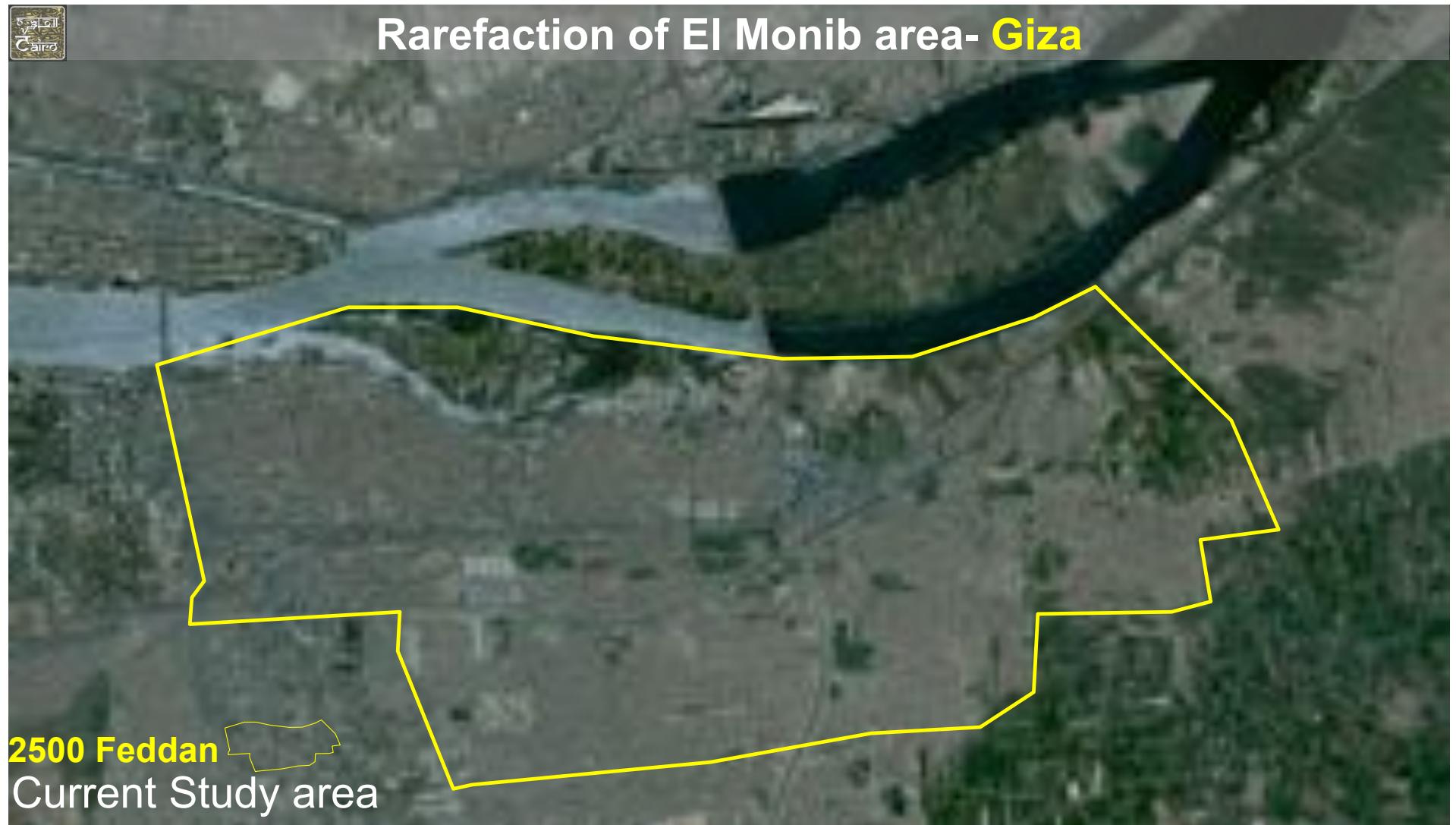
Rarefaction of El Monib area- **Giza**



2500 Feddan 
Current Study area

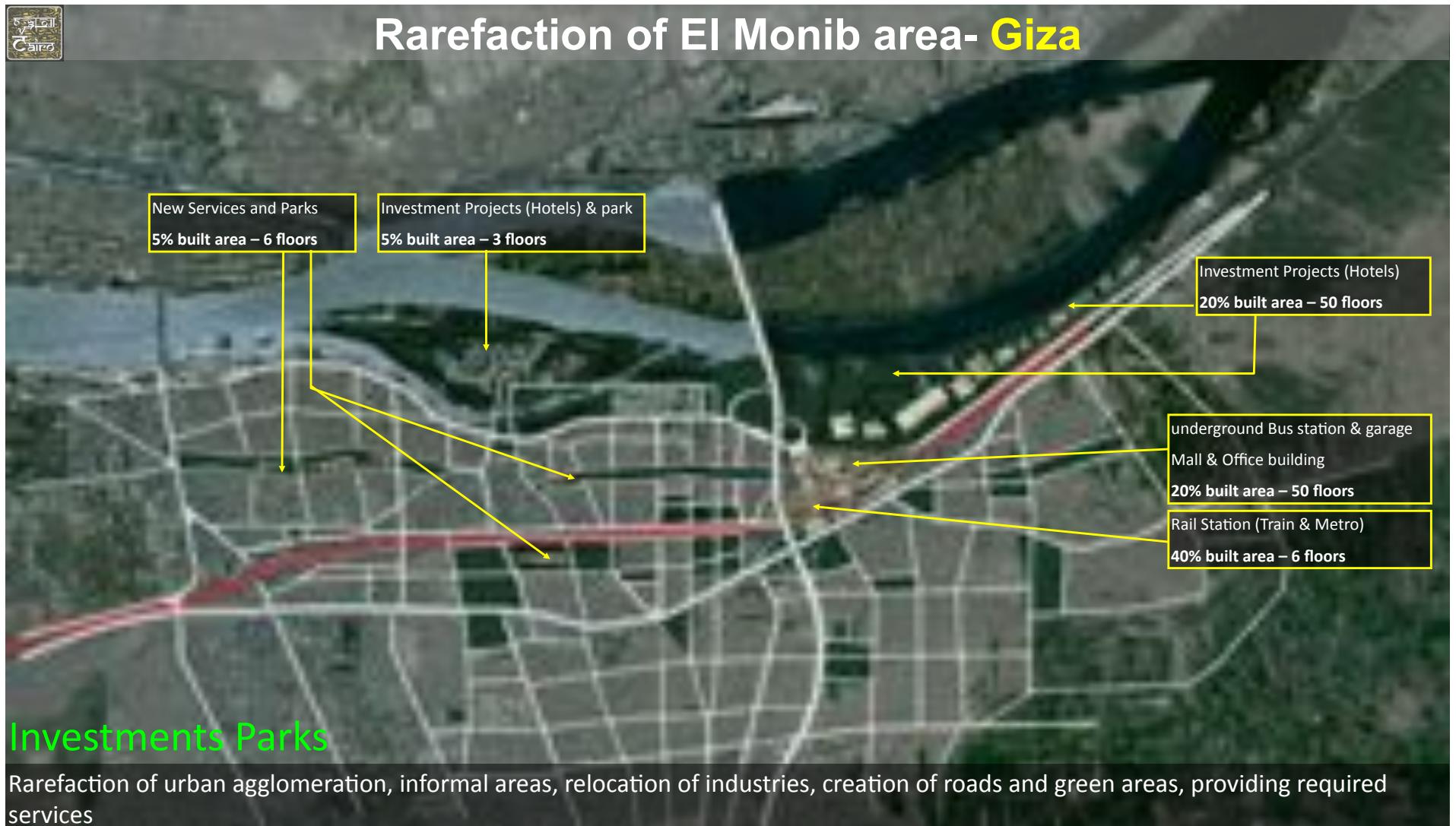


Rarefaction of El Monib area- **Giza**





Rarefaction of El Monib area- Giza





Rarefaction of El Monib area- Giza





Land Port – Monib - Giza





Land Port – Monib - Giza





Land Port – Monib - Giza





Land Port – Monib - Giza





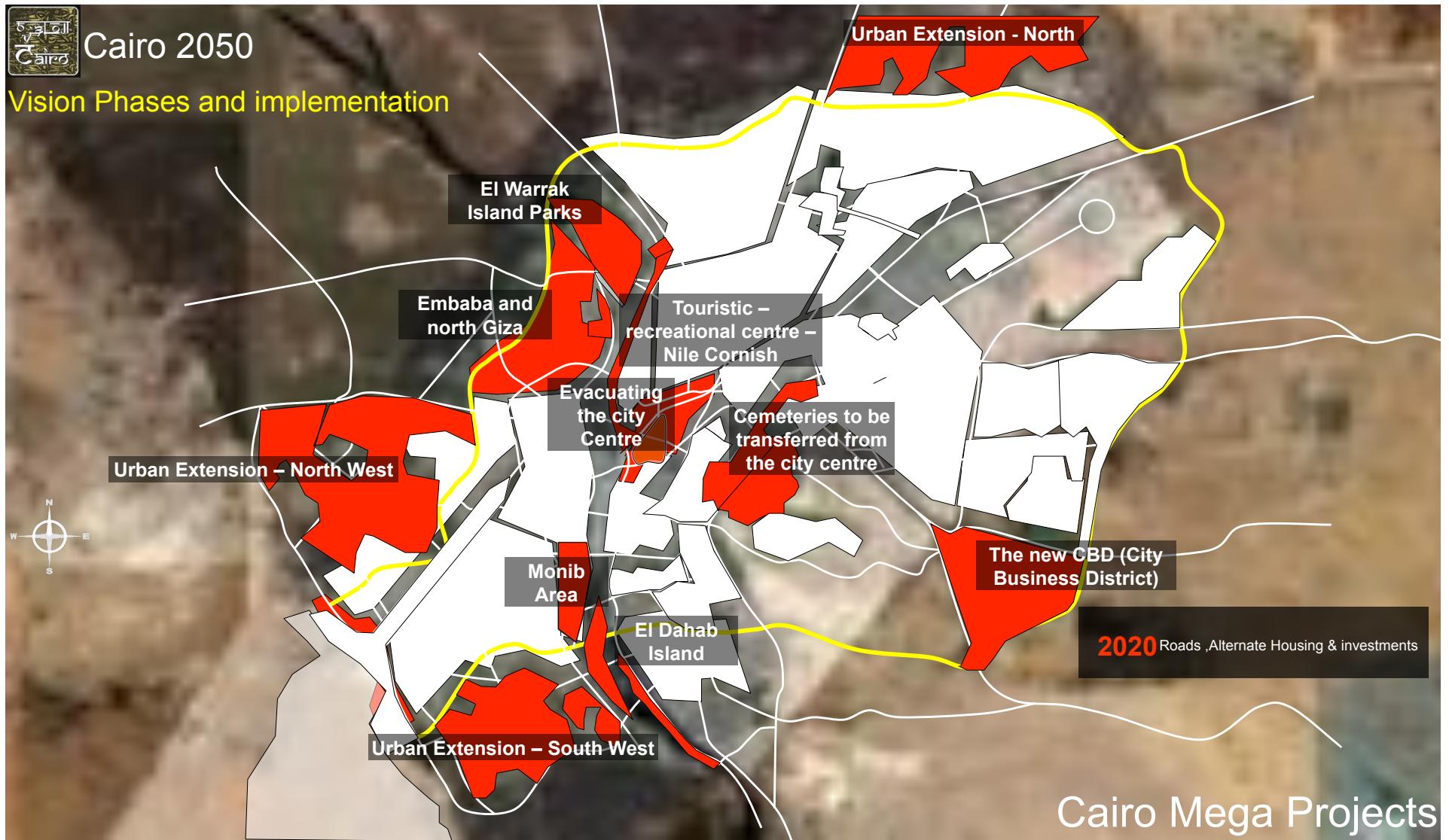
Land Port – Monib - Giza





Cairo 2050

Vision Phases and implementation





Cairo 2050

Vision Phases & implementation



Khufu Plaza Avenue

Sphinx Open museum

Rarefaction of Dar ElSalam and El Bassatin

El Azhar Central Parks

El Fostat Parks

Rarefaction of Ain Shams & El Matareya Areas

The Airport Parks

The New Government District Parks

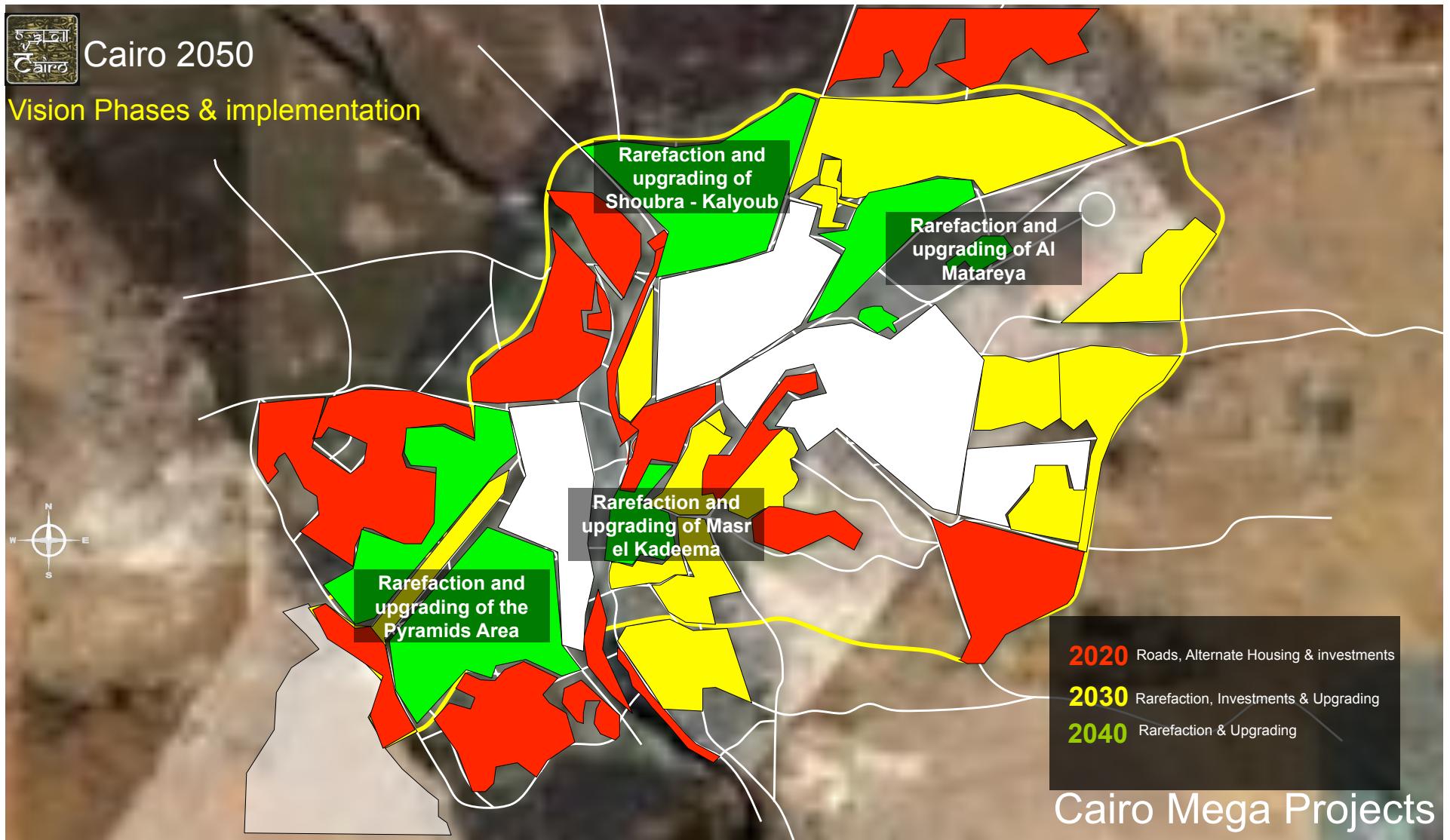
2020 Roads, Alternate Housing & investments
2030 Rarefaction, Investments & development

Cairo Mega Projects



Cairo 2050

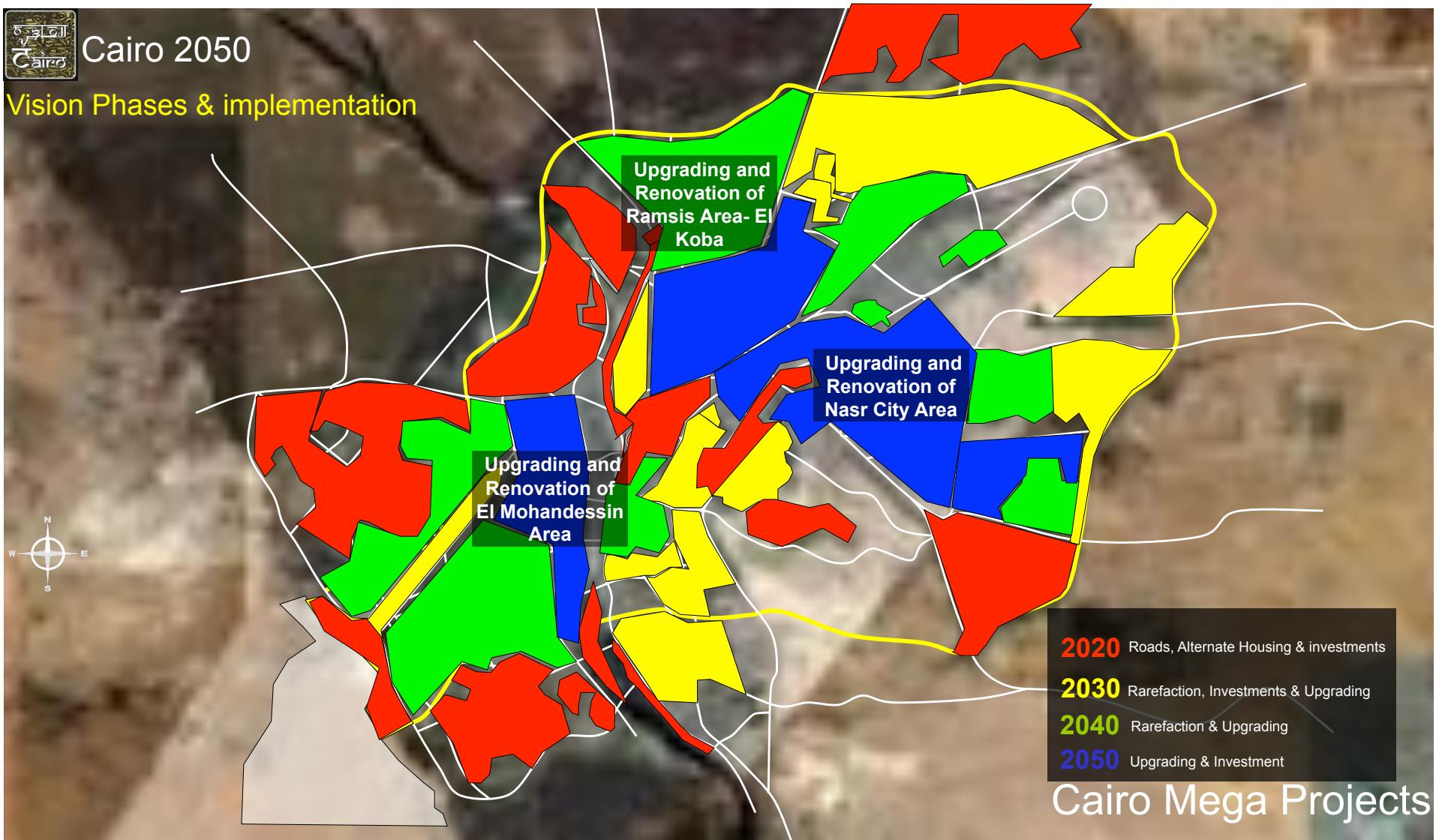
Vision Phases & implementation





Cairo 2050

Vision Phases & implementation





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