

THE DIVINE CITY OF THE CAUCASUS











GANDJA MASTERPLAN 2040 or WHAT IS A HEALTHY CITY?



"Health is a state of complete physical, mental and social well-being and not merely the absence of disease or infirmity"

meeting of basic needs

high health status

optimum public health

identity of city

diverse, vital and innovative economy

healthy
city

Healthy Cities 21st Century

access to a wide variety of experiences and resources

clean, safe physical environment

sustainable ecosystem

strong, supportive community

participation and control by citizens over decisions

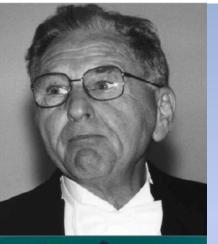
Healthy City Checklist WHO European Healthy Cities Network











Aaron Antonovsky

How People Manage Stress and Stay Well



- "Sense of Coherence" regarding life and its challenges
- comprehensibility
- manageability
- meaningfulness

The mind: How you feel

Aaron AntonovskyFather of Salutogenesis

better quality of life

- cause health
- self-reliance, public health
- holistic approach

Latin salus = health

& Greek genesis = origin.
salutogenic design









A salutogenic masterplan envisions a city that enhances health in daily life

1. SIX Vital Elements:

- **NATURE**: Design that is inspired by the natural world
- **IDENTITY**: Design that draws on meaningful local influences
- **DIGNITY:** Design that centres on human needs inclusive & addressing all ages and abilities
- VARIETY: A range of experiences and a sense of discovery
- VITALITY: Regenerative space facilitates flow of people and ideas animated spaces
- LEGACY: Design that makes a lasting contribution to health





IF THE CAUCASUS IS THE CENTER OF THE WORLD, GANDJA IS THE CENTER OF THE CAUCASUS









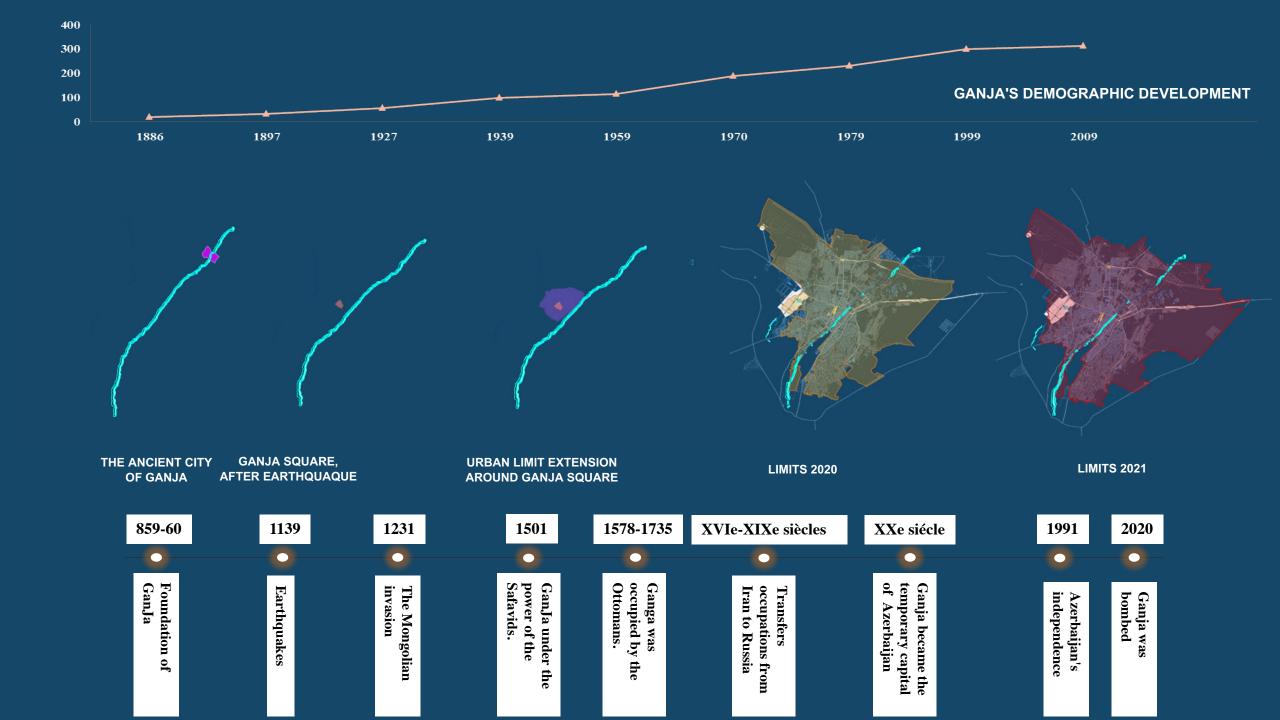


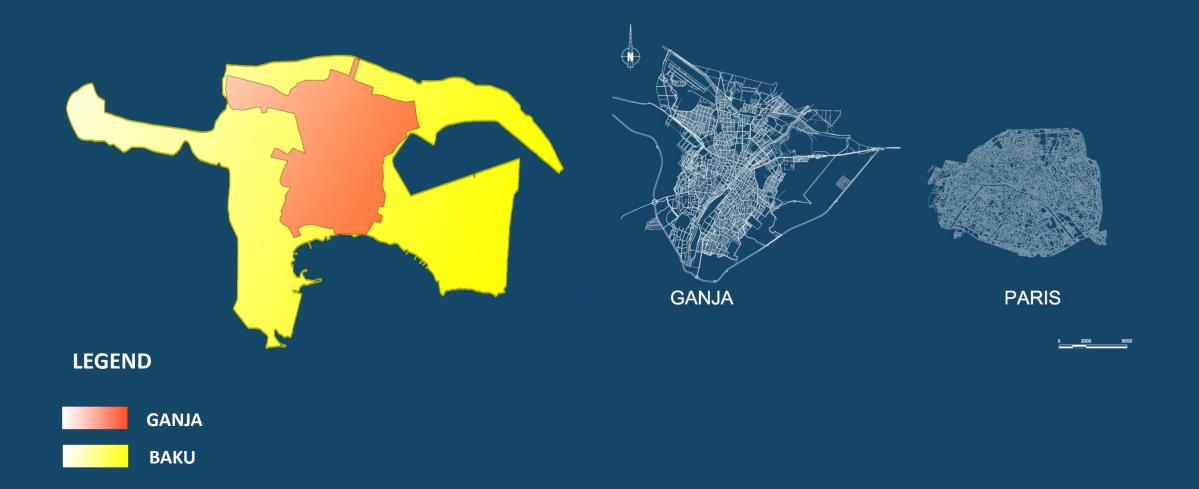




LEGEND







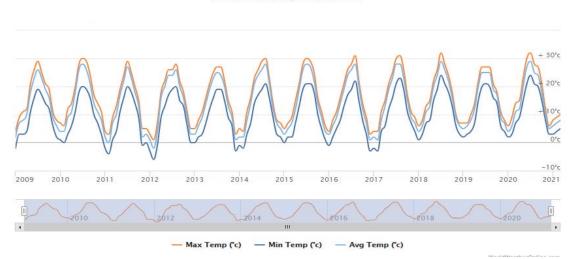






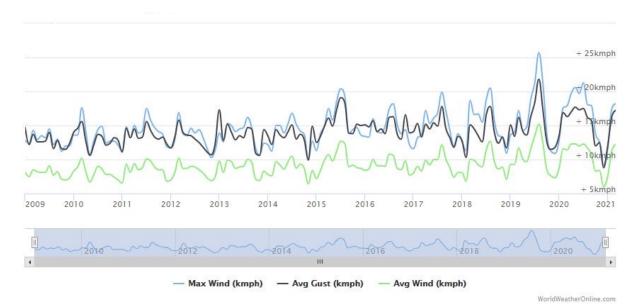


Max, Min and Average Temperature (°c)



Ganja

Average and Max Wind Speed and Gust (kmph)



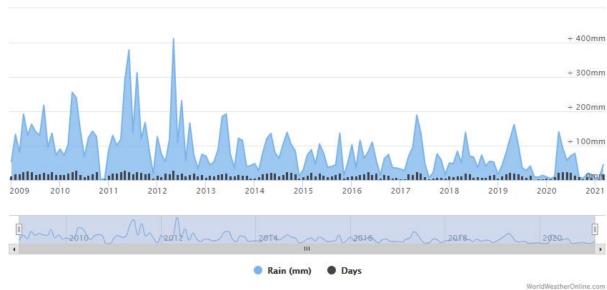
CLIMATE

| Climate data for Ganja | | | | | | | | | | | | | |
|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|----------------|
| Month | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Year |
| Average high °C (°F) | 6.5 (43.7) | 6.8 (44.2) | 11.9 (53.4) | 19.2 (66.6) | 23.4 (74.1) | 27.9 (82.2) | 31.7 (89.1) | 29.9 (85.8) | 26.0 (78.8) | 19.3 (66.7) | 12.6 (54.7) | 8.3 (46.9) | 18.6 (65.5) |
| Daily mean °C (°F) | 1.4 (34.5) | 2.2 (36) | 6.2 (43.2) | 13.1 (55.6) | 17.8 (64) | 21.9 (71.4) | 25.4 (77.7) | 24.3 (75.7) | 20.6 (69.1) | 13.8 (56.8) | 8.3 (46.9) | 4.1 (39.4) | 13.3 (55.9) |
| Average low °C (°F) | -2.3 (27.9) | -1.2 (29.8) | 2.2 (36) | 7.7 (45.9) | 12.2 (54) | 16.3 (61.3) | 19.5 (67.1) | 18.3 (64.9) | 15.2 (59.4) | 9.2 (48.6) | 4.5 (40.1) | 0.0 (32) | 8.5 (47.3) |
| Average precipitation mm (inches) | 10 (0.39) | 17 (0.67) | 32 (1.26) | 30 (1.18) | 42 (1.65) | 46 (1.81) | 23 (0.91) | 18 (0.71) | 16 (0.63) | 32 (1.26) | 14 (0.55) | 18 (0.71) | 298 (11.73) |
| Average precipitation days | 4 | 5 | 5 | 6 | 9 | 7 | 3 | 4 | 3 | 6 | 3 | 4 | 59 |
| | | | | | | Source | #1: [36] | | | | | | |

Source #2: NOAA[37]

Ganja

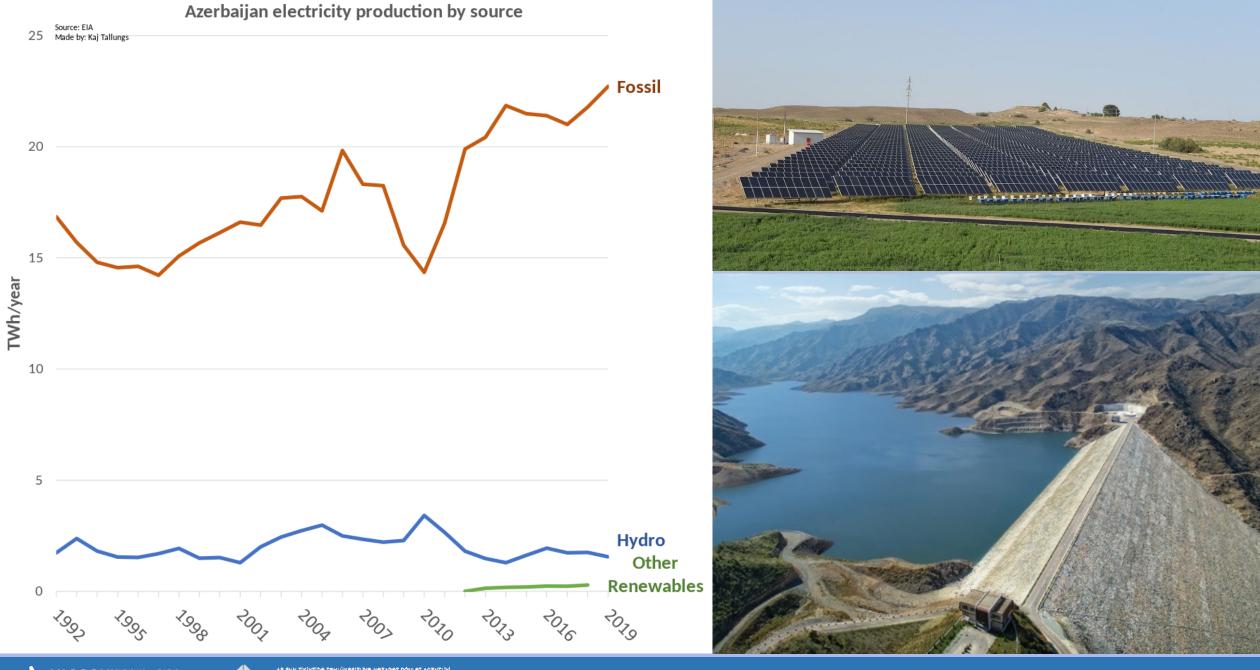
Average Rainfall Amount (mm) and Rainy Days



















THE FACT THAT THE POPULATION REMAINED AT HOME DURING PANDEMIC LED TO CERTAIN PSYCHOLOGICAL DISTRESS THAT REQUIRED EMOTIONAL COMPETENCE IN ORDER TO ENSURE THE OBJECTIVITY OF THE SURVEY







LIVING





MARITIAL STATUS



AVERAGE FAMILY 4,2 PEOPLE

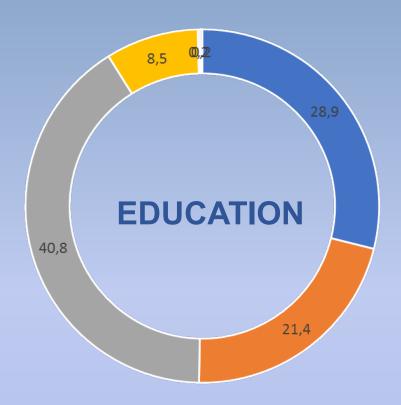
AVERAGE 1,1 MINORS / FAMILY

AVERAGE FAMILY 4,2 PEOPLE

20% HAVE FAMILY MEMBERS

WITH CHRONIC DISEASES

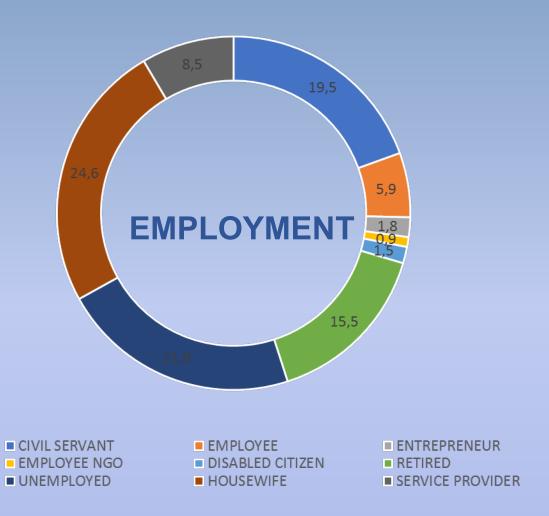
EDUCATION LEVEL



- BACHELOR AND HIGHER
- HIGHSCHOOL
- ELEMNTARY SCHOOL

- COLLEGE
- 9th GRADE MIDDLE SCHOOL
- ILLITERATE

EMPLOYMENT

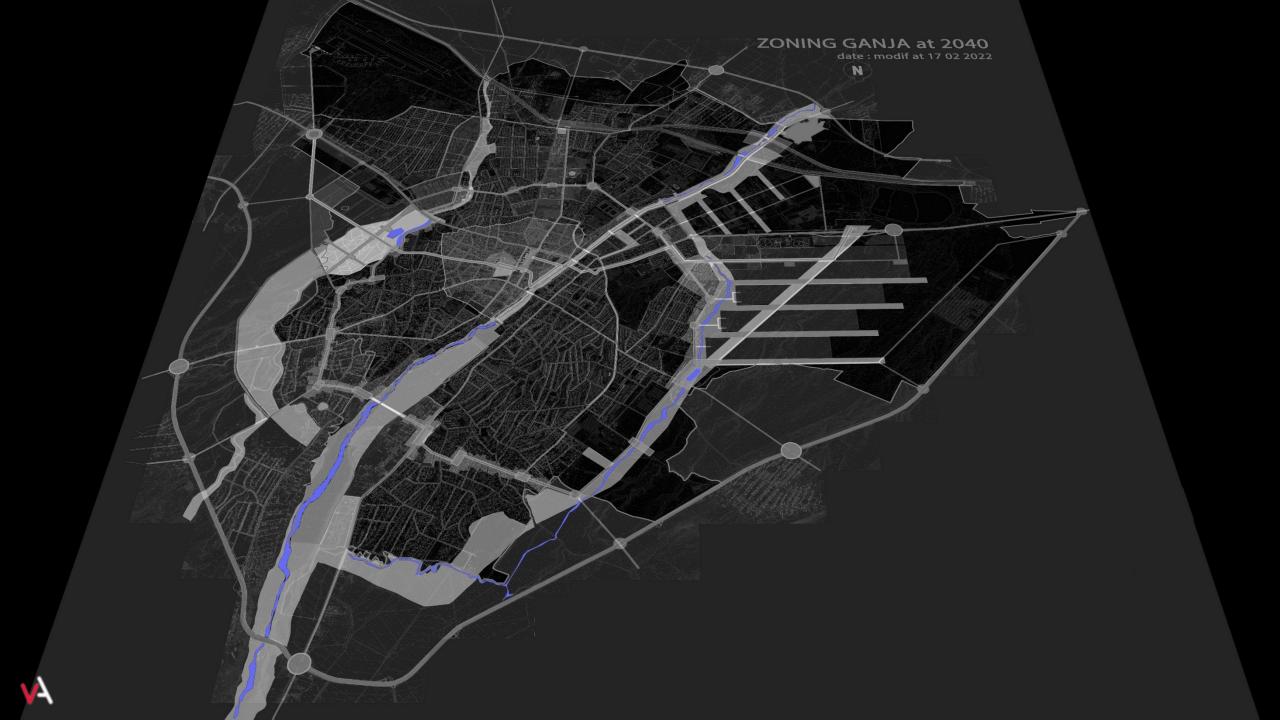


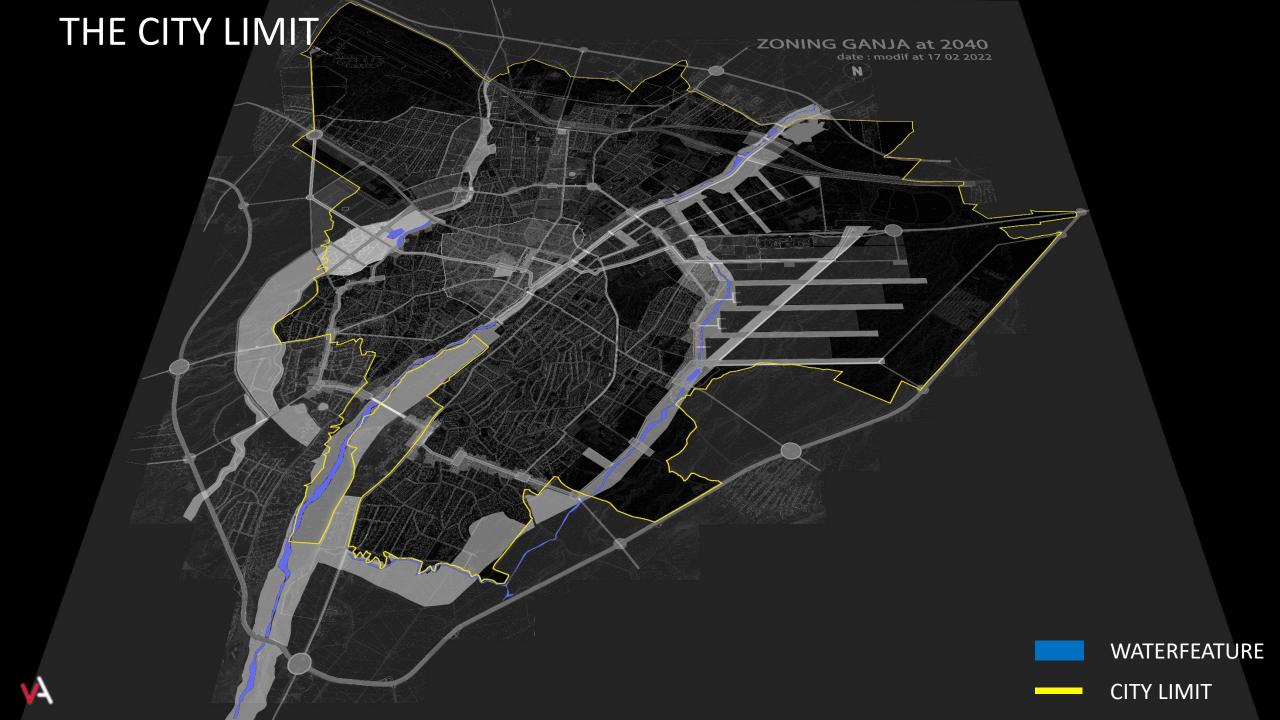
66% HAVE HIGHER EDUCATION
OR DEGREE

35,1% CONFIRM THEY WORK

STRATEGIES FOR URBAN DEVELOPMENT

GANDJA MASTERPLAN 2040

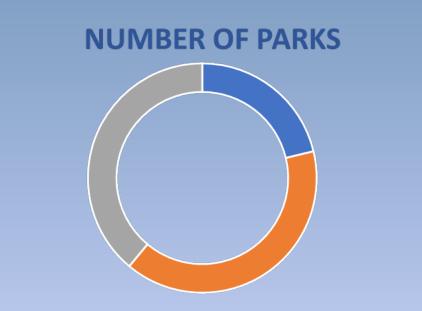
















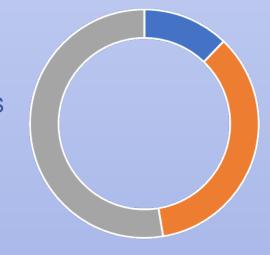
CITY GREEN PROTECTION

■ EXCELLENT ■ SATISFACTORY ■ NOT ACCEPTABLE

THE NUMBER OF PARKS IS NOT ENOUGH PARKS ARE NOT SUITABLE FOR RECREATION THE CITY DOES NOT RETAIN FORMER GREEN SPACES NOT ENOUGH BENCHES NOT ENOUGH PLAYGROUNDS

SITUATION





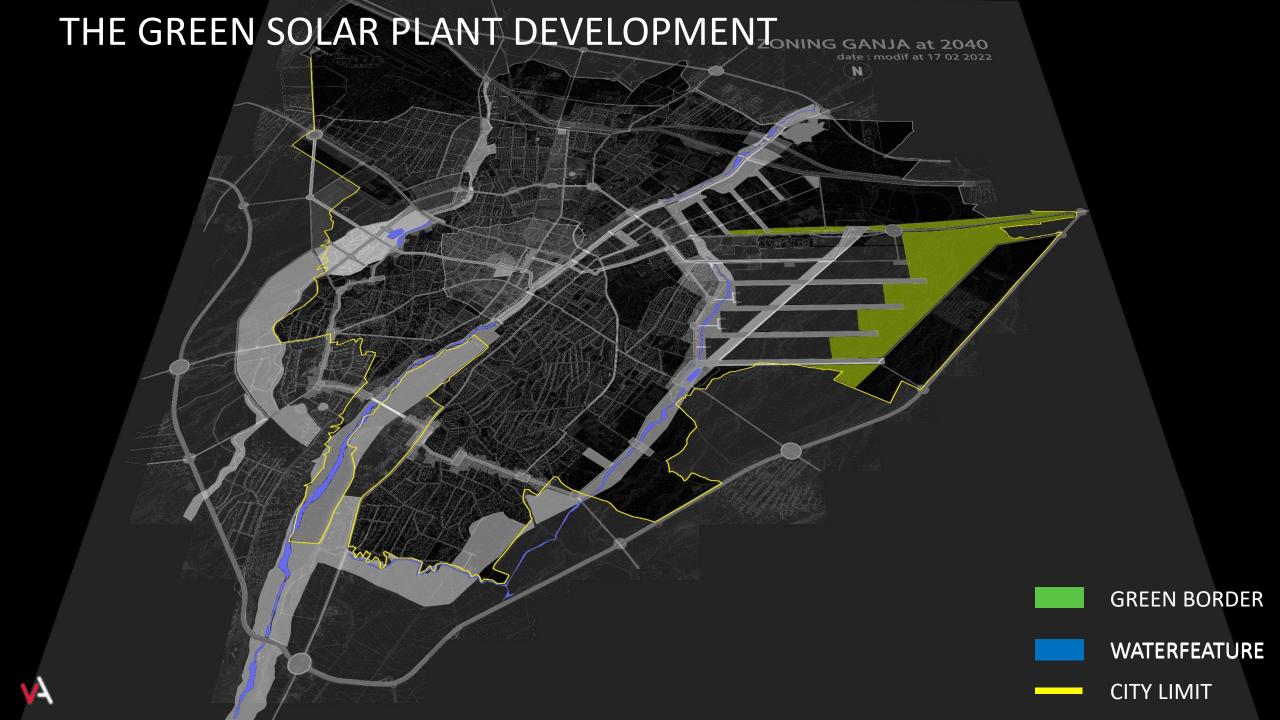






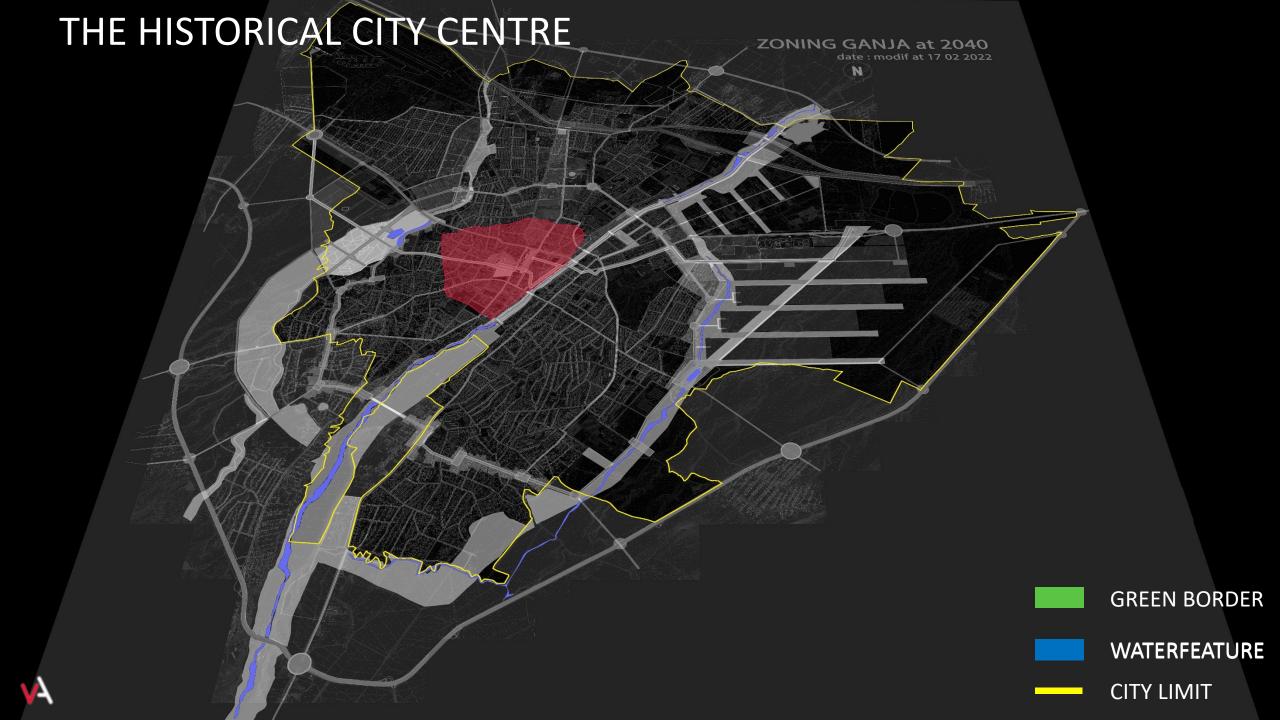






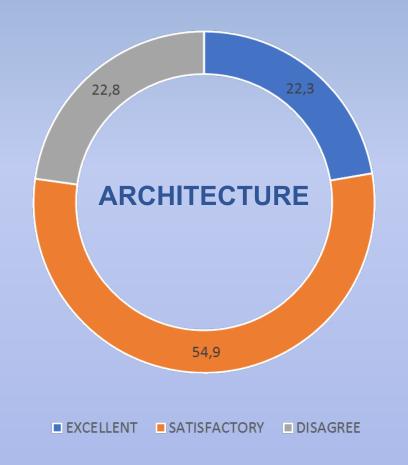








ARCHITECTURE OF THE CITY THE BUILT ENVIRONMENT



APPEARANCE AND
ARCHITECTURE OF THE CITY
TO PRESERVE ITS IMAGE

56% THINK THE CURRENT CONSTRUCTION VIOLATE THE HISTORICAL ARCHITECTURE AND ORIGINALITY OF THE CITY

63% THINK THE
CONSTRUCTION WORKS ARE
NOT CARRIED OUT IN
ACCORDANCE TO THE
ENVIRONMENT

77% THINK THE VIEWS OF THE POPULATION ARE NOT TAKEN INTO ACCOUNT

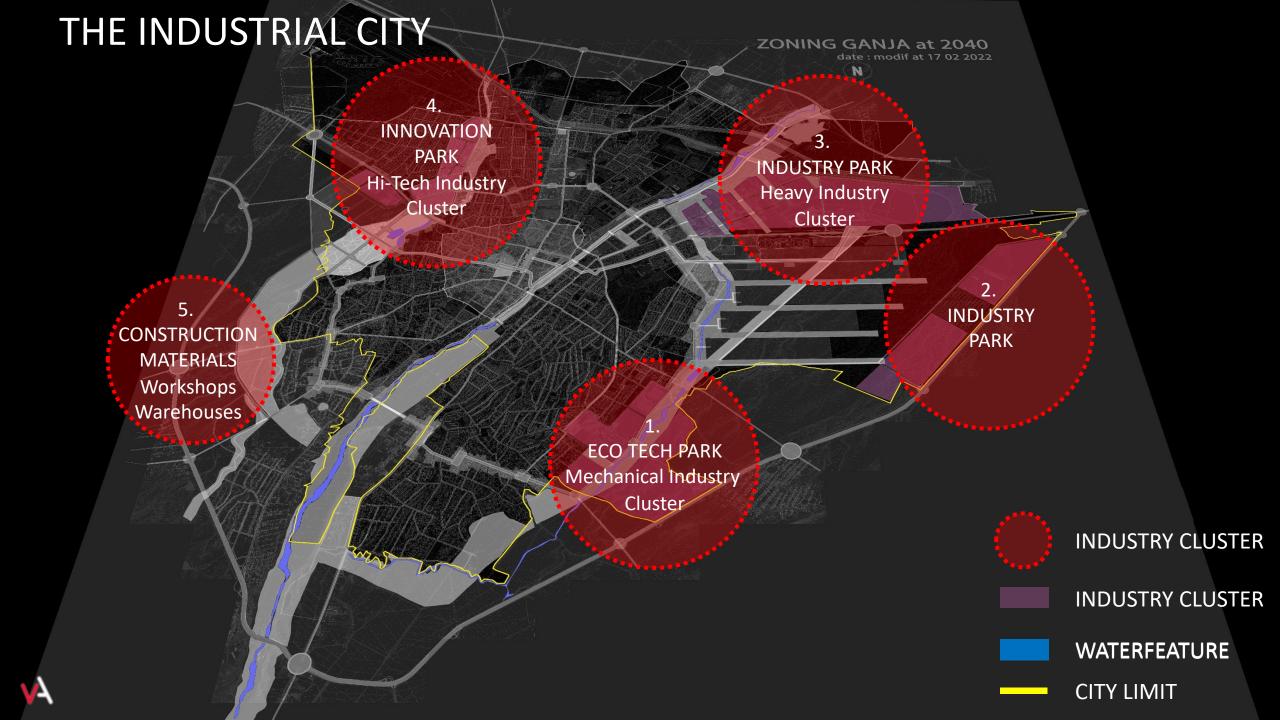




THE HISTORICAL CITY CENTRE

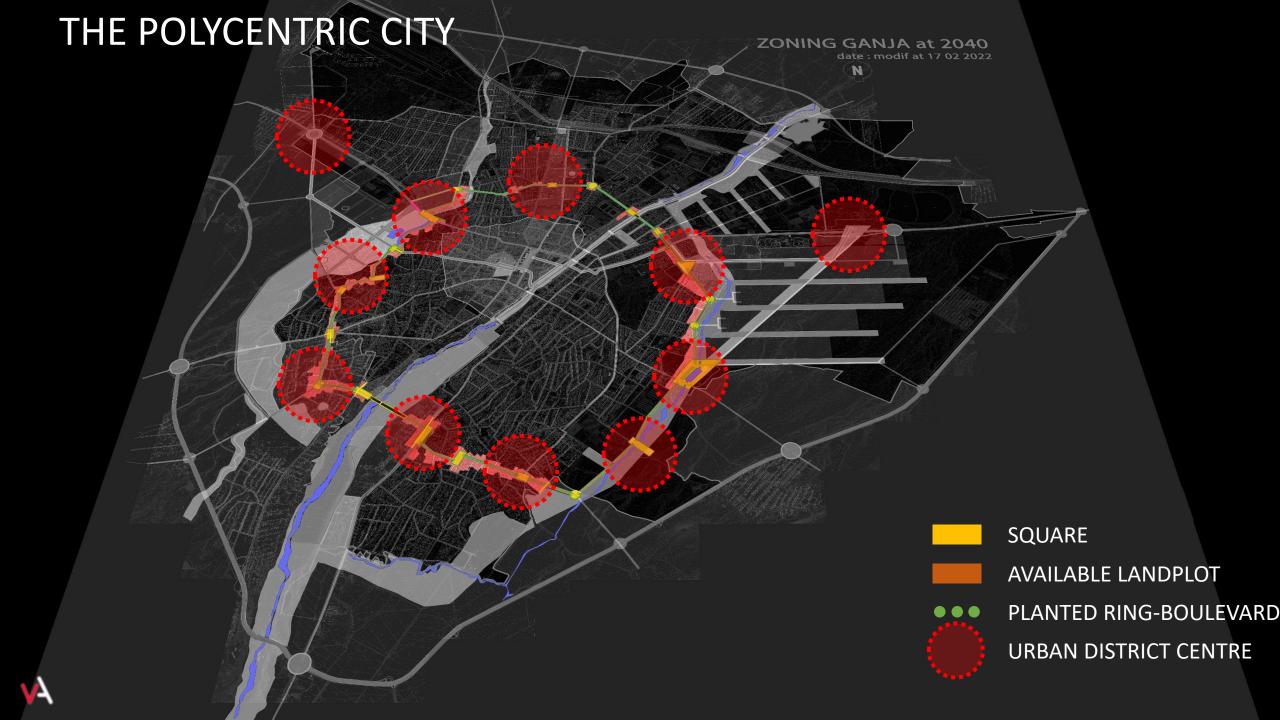


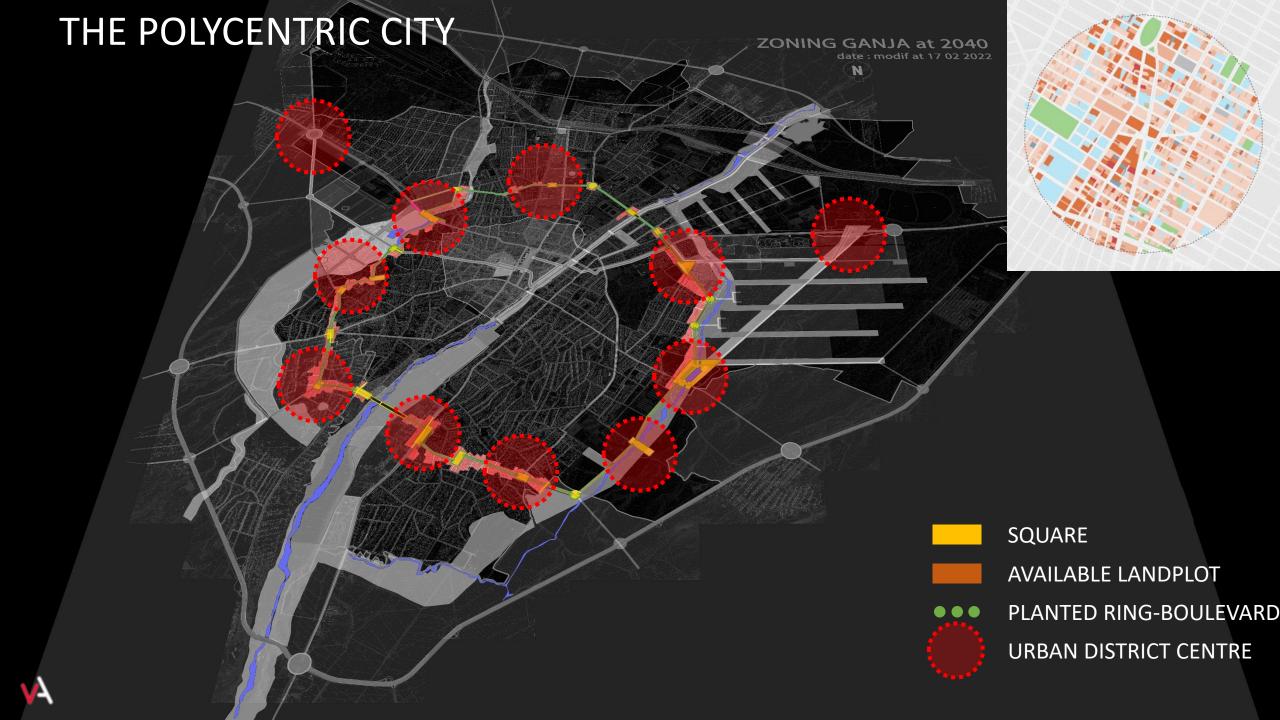




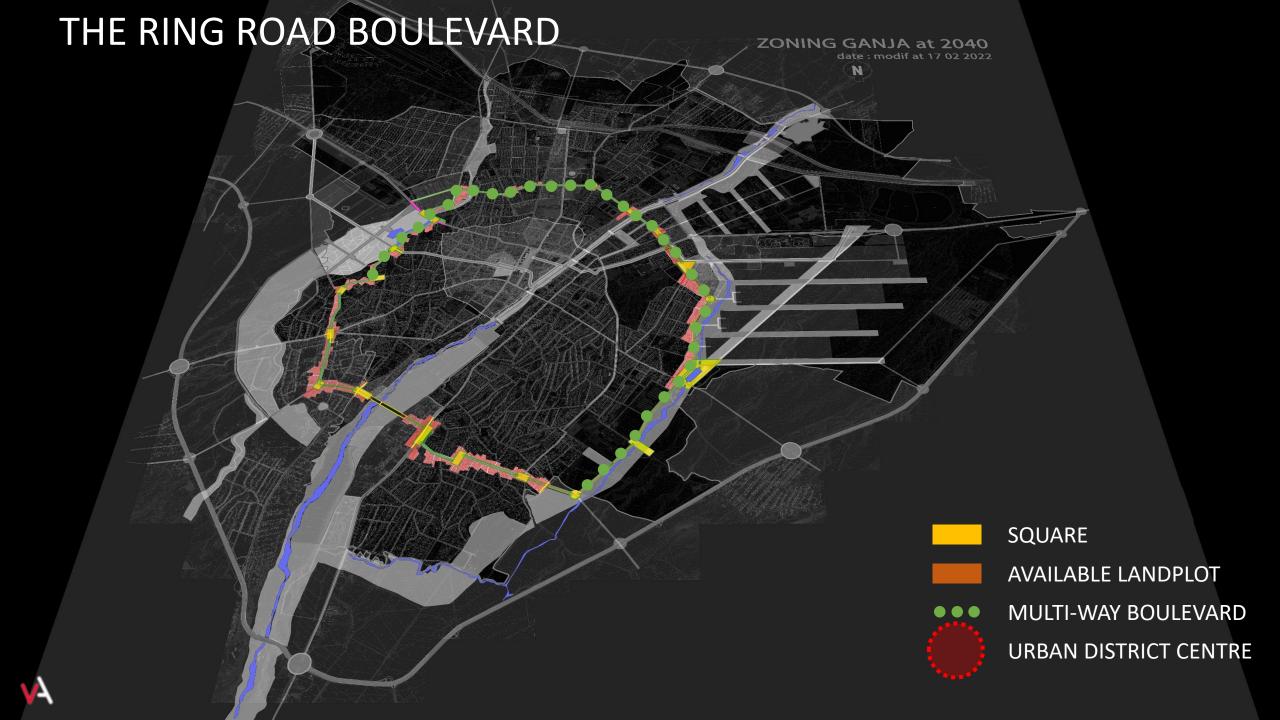




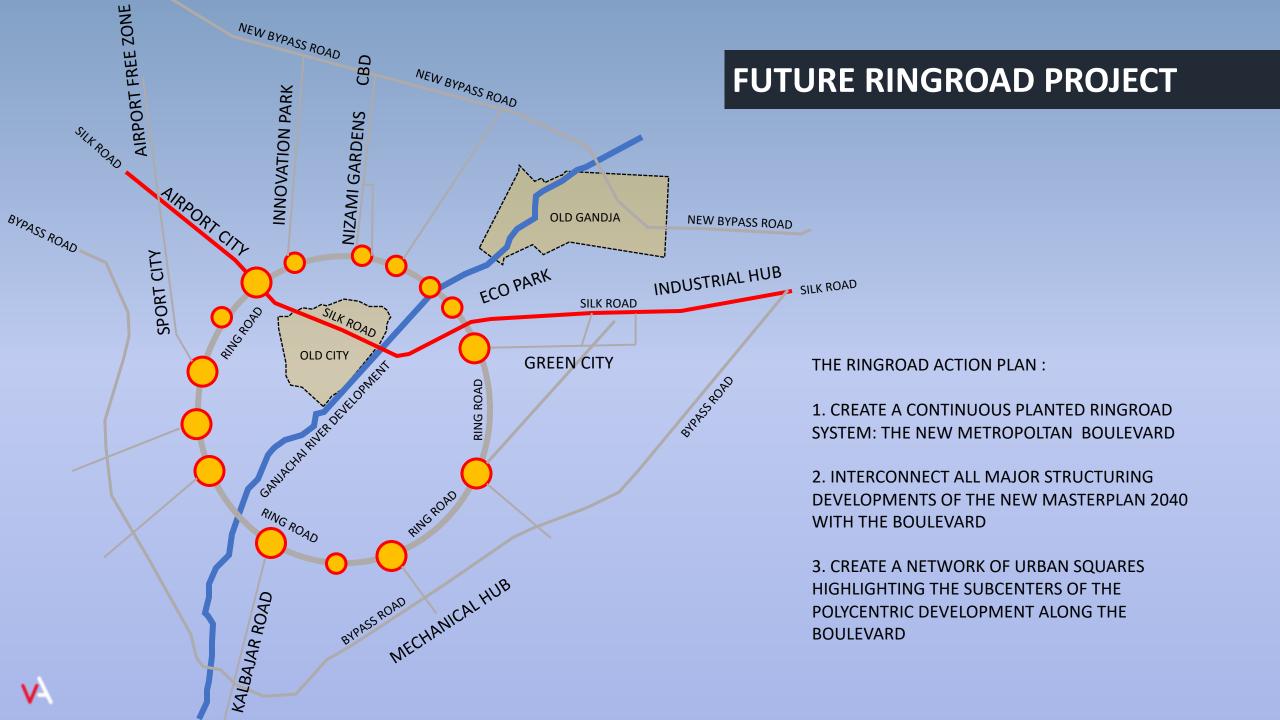




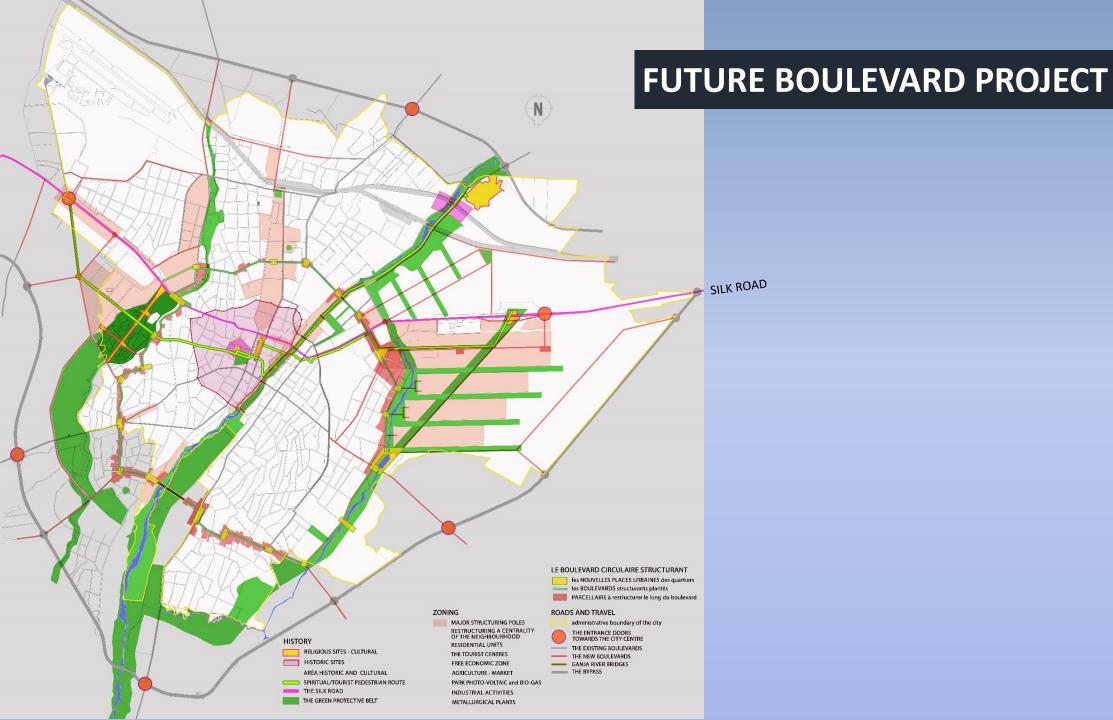


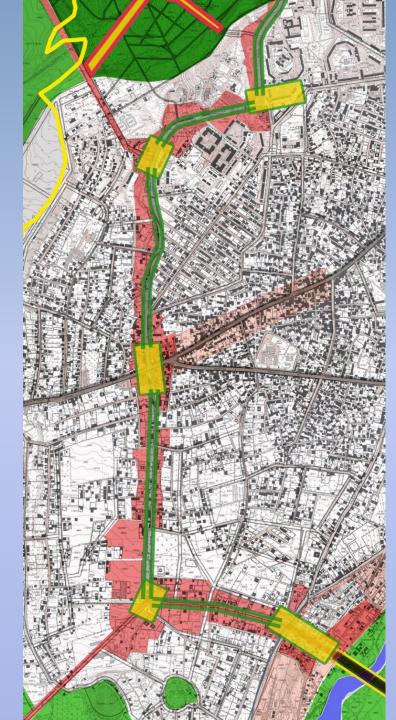




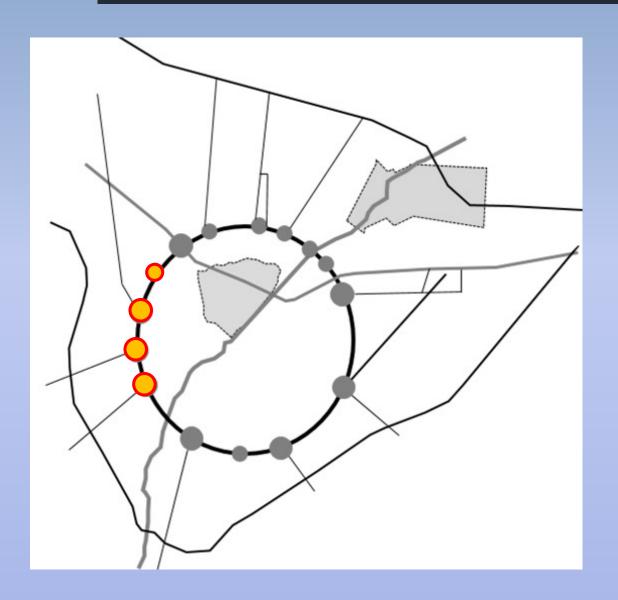








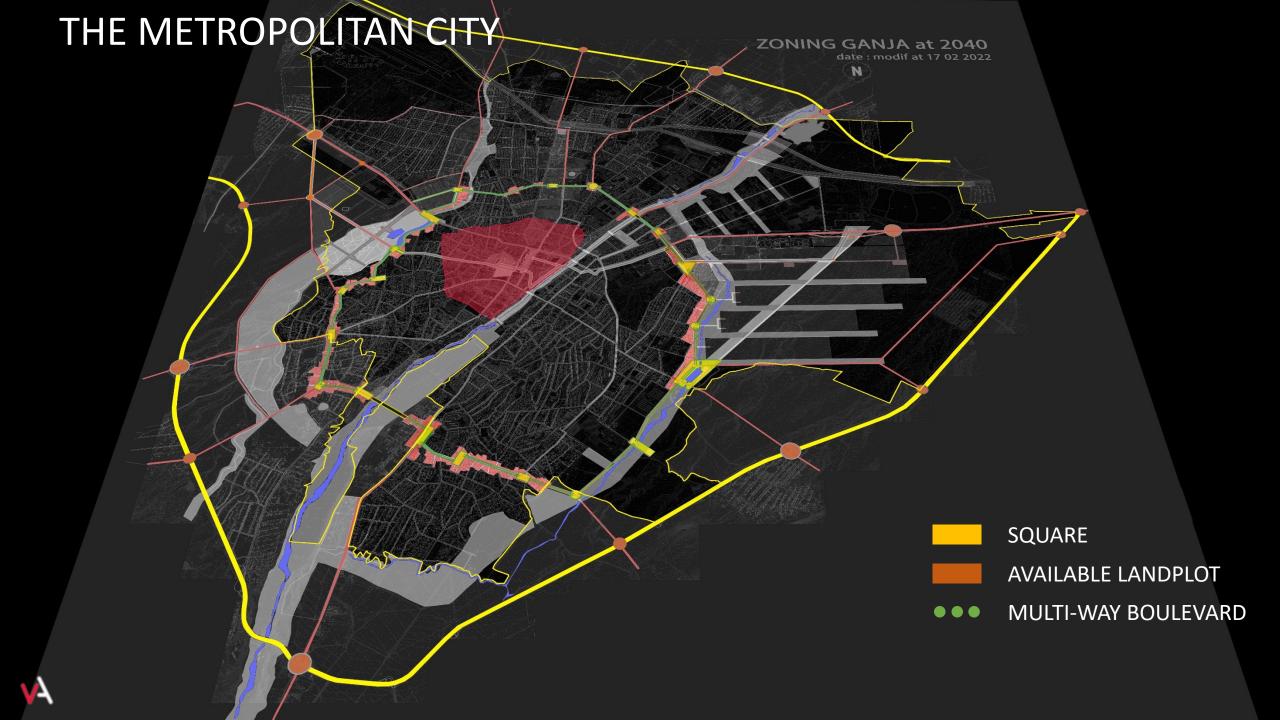
THE RINGROAD DEVELOPMENT





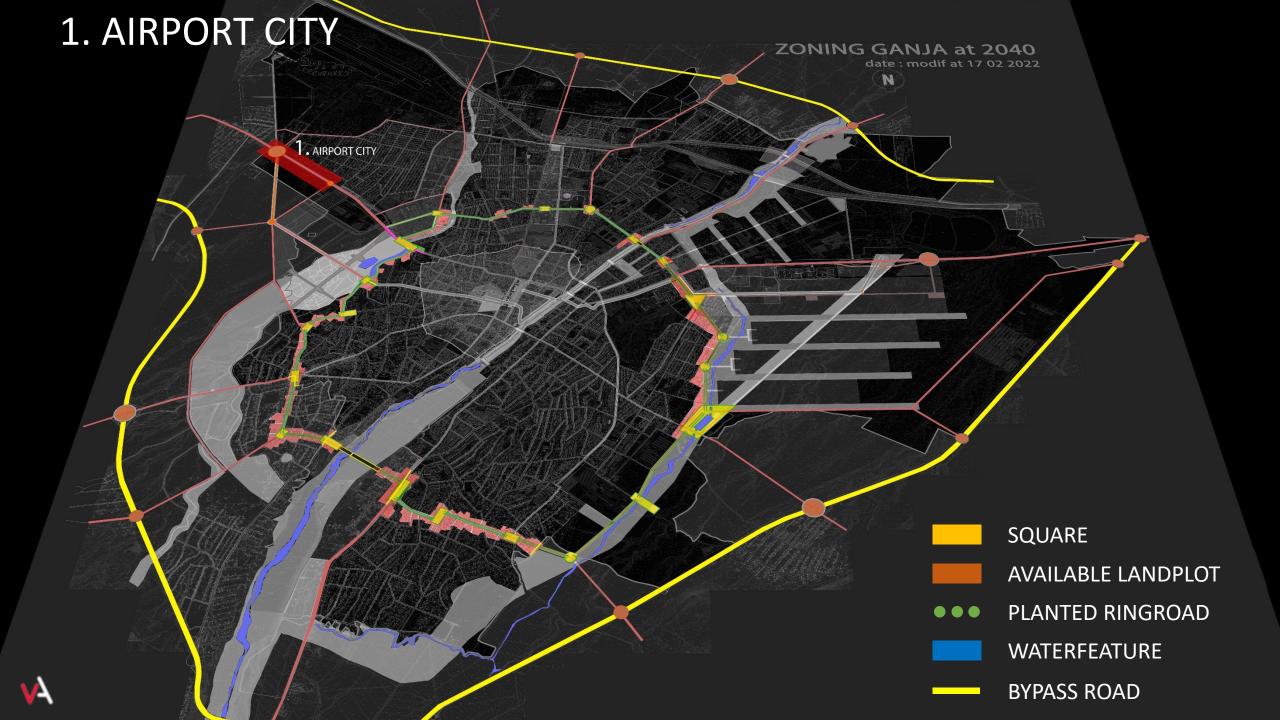


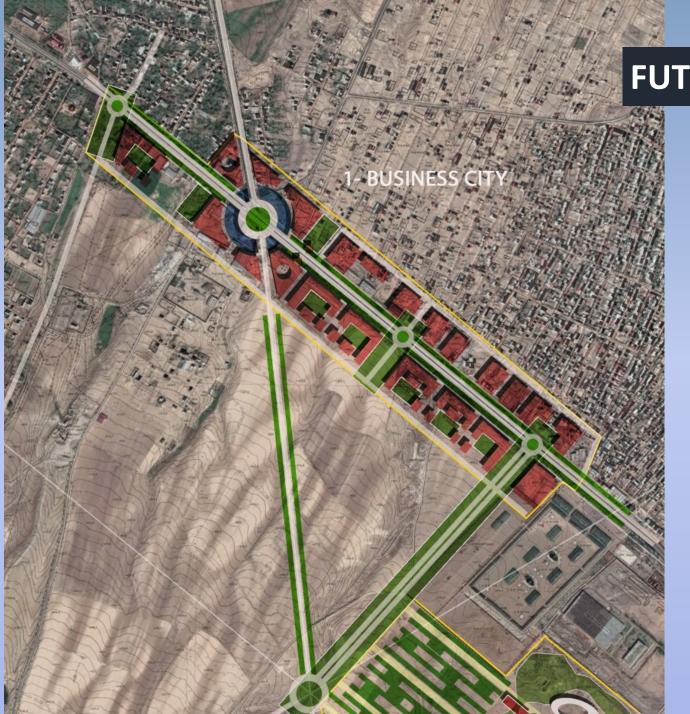




FUTURE STRUCTURING PROJECTS

GANDJA MASTERPLAN 2040



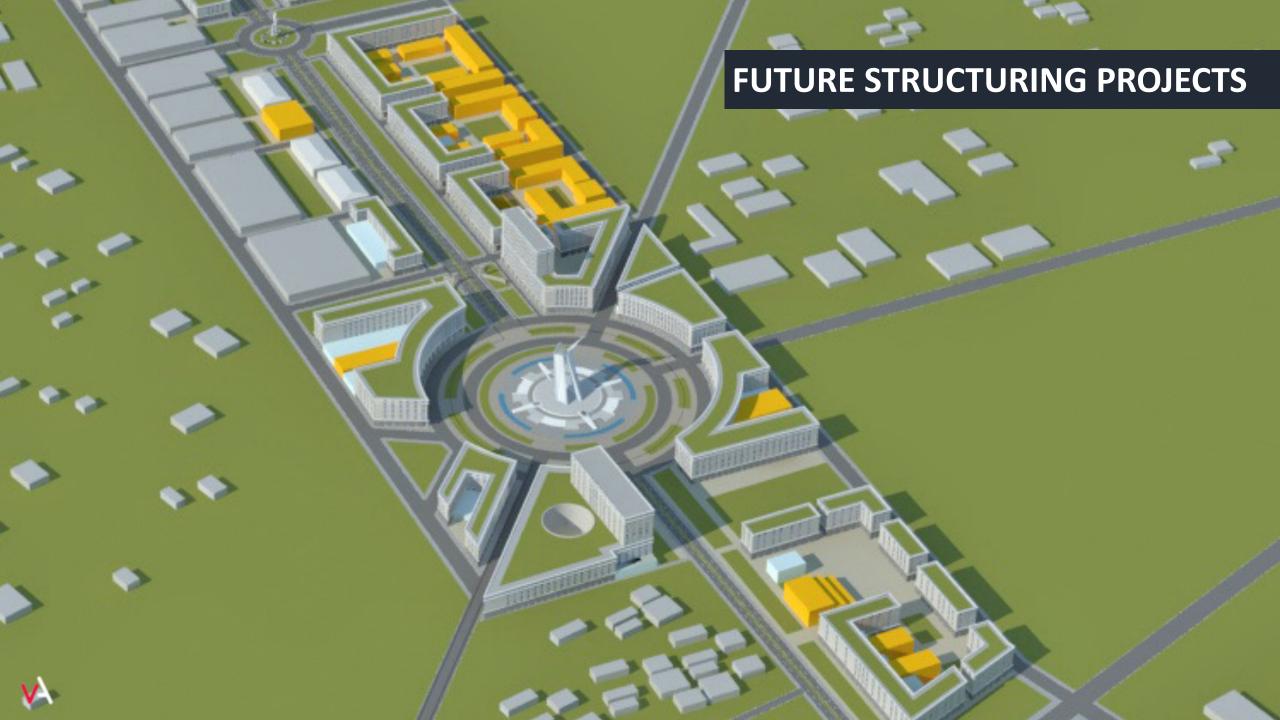


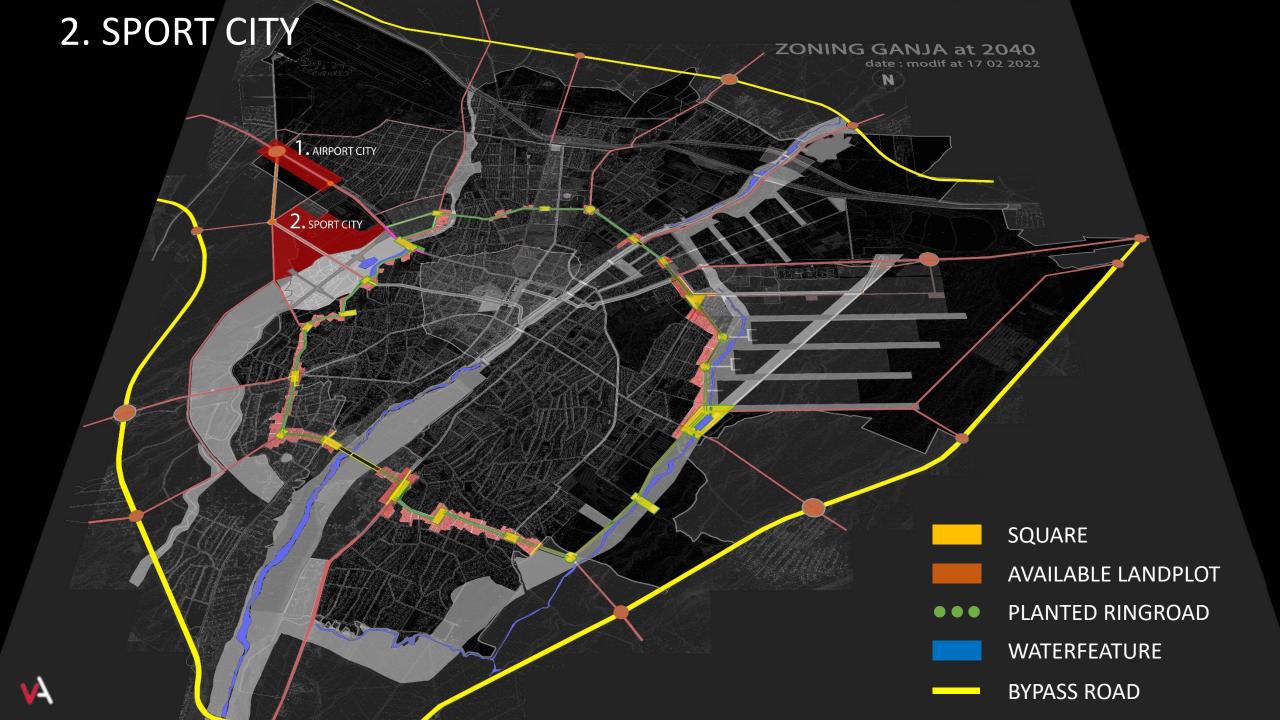
FUTURE STRUCTURING PROJECTS

1- AIRPORT CITY: Thegreat ciruclar Square as Gate-Entrance to Gandja. A Business district targeting the logistics and trade industries in close relation to the Airport-Freezone Area.

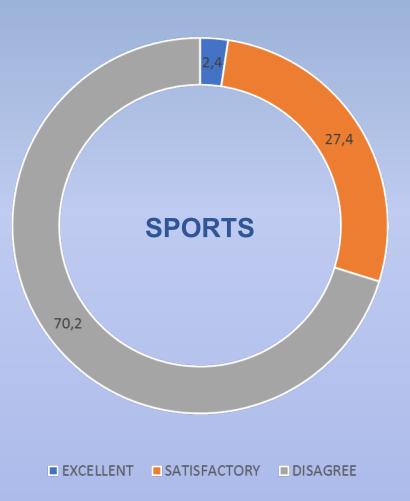








SPORT FACILITIES



GANDJA WAS A SPORT CITY WITH THE DYNAMO SPORTS CENTER AND THE KAPAZ FOOTBALL CLUB 36% WANT TO DO SPORTS







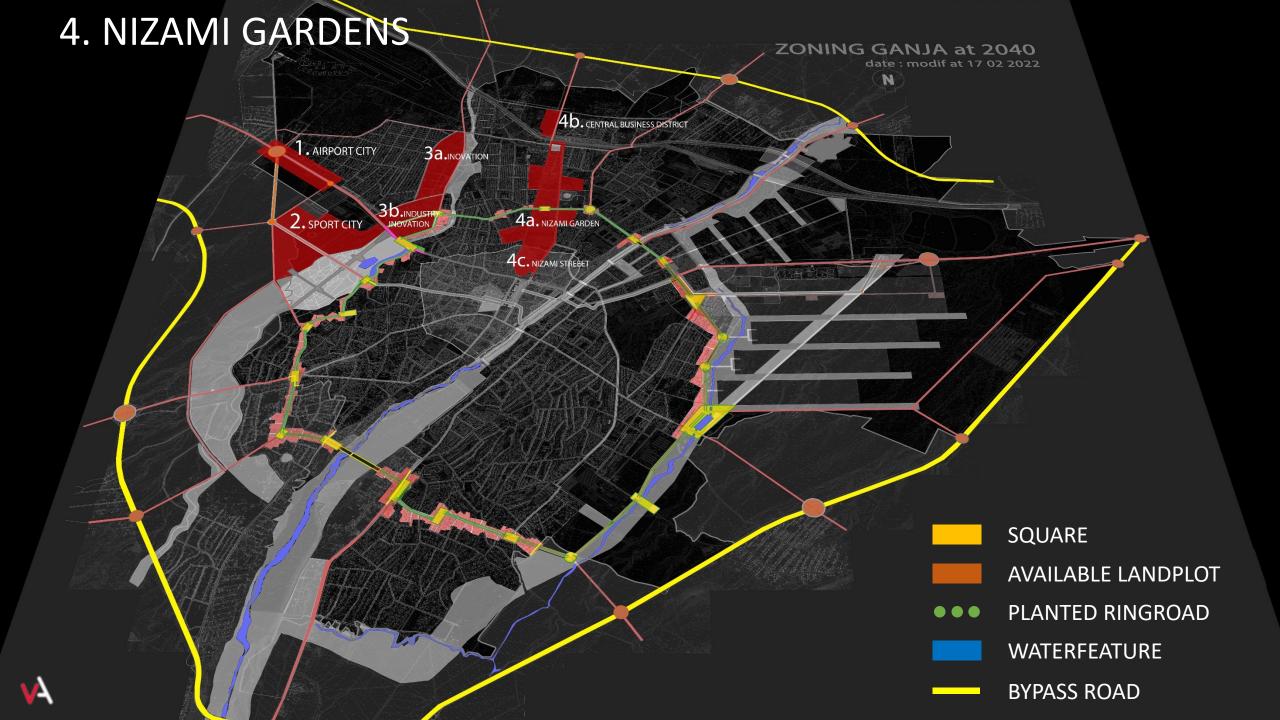
FUTURE STRUCTURING PROJECTS

2- SPORTS CITY: Creation of a City dedicated to Sports and events with a great ARENA close to the city centre.









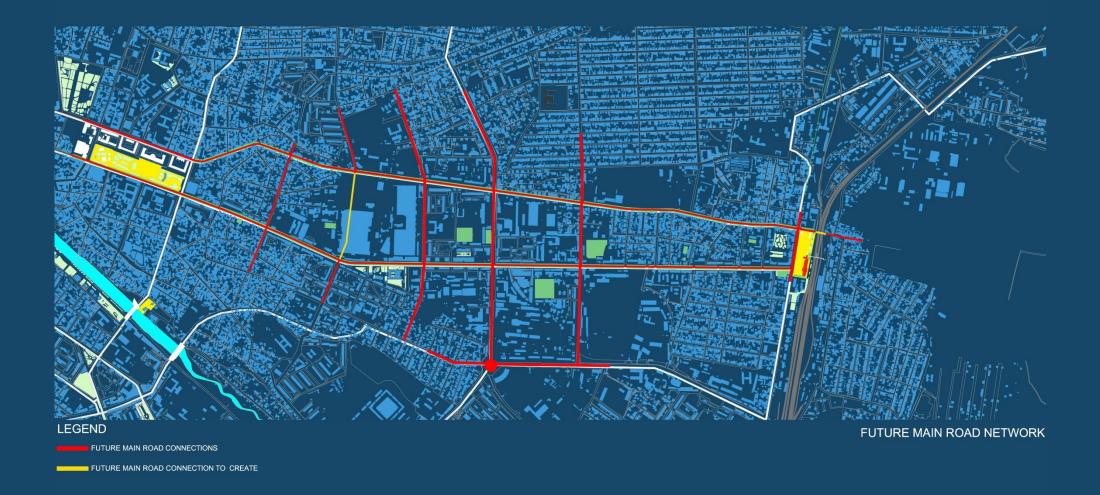
















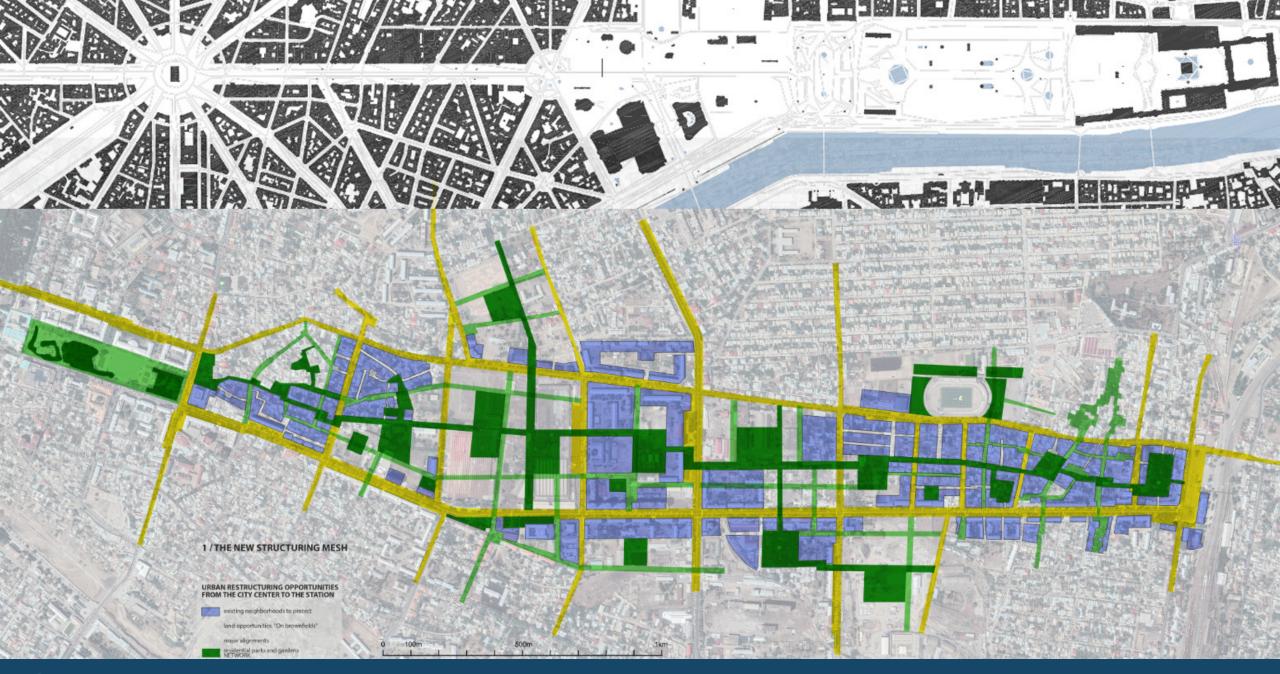


















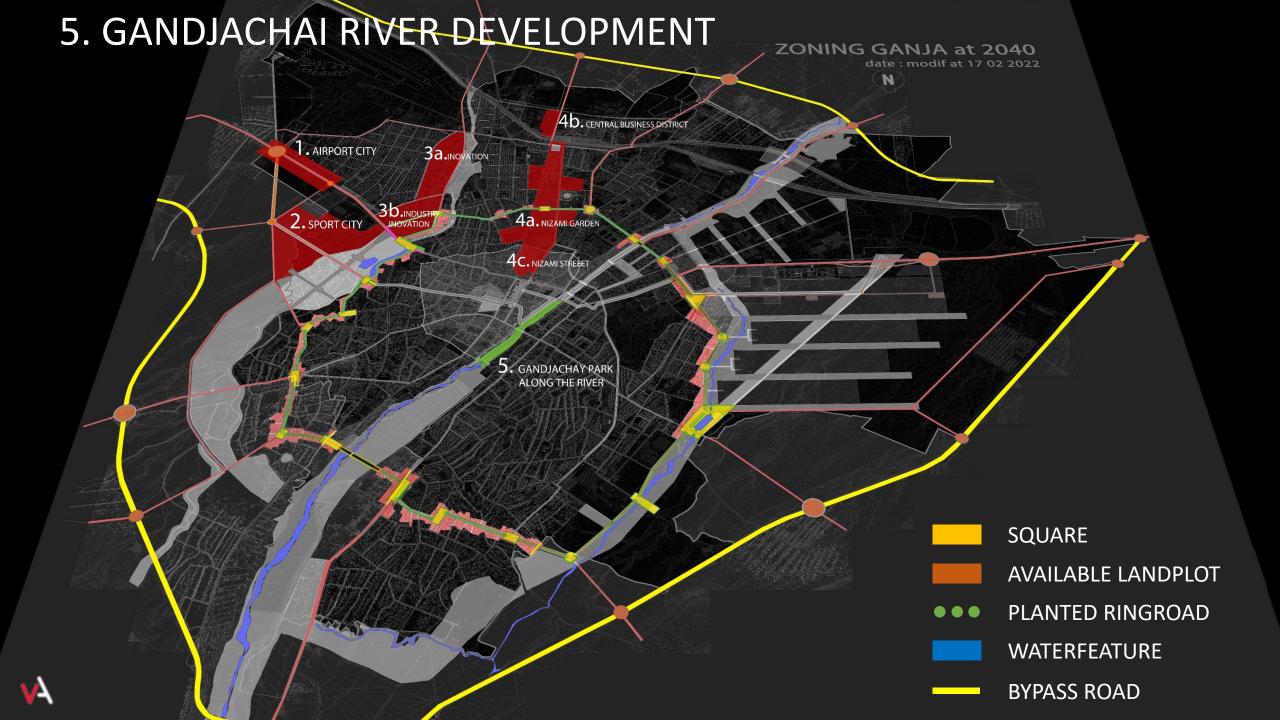


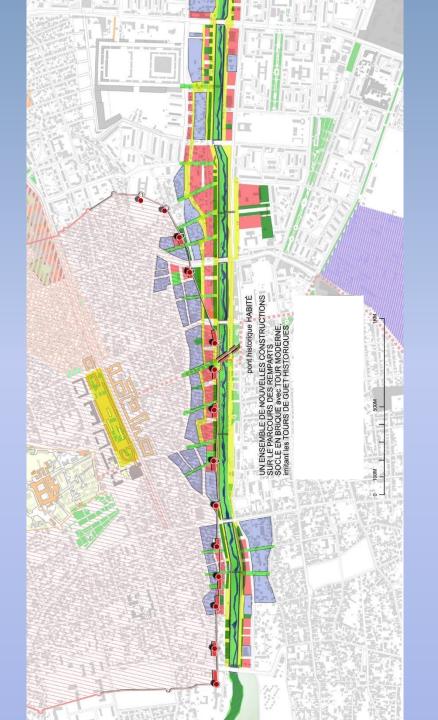






IE NIZAMI GARDEN CITY - CENTRAL COMMON AREA
TOWNHOUSES WITH PRIVATE GARDENS





5- RIVERCHAI-PARK: Along the River a promenade for pedestrians and bikes animated by cafés, restaurants and small shops. A new Riverfront development integrationg the historical city with a replica of the former Khanbridge and a sequence of small tower buildings reminding the former fortress of Gandja. The revitalisation of hte riverbed allows to enjoy a walk along and in the riverbed during the dry

season.

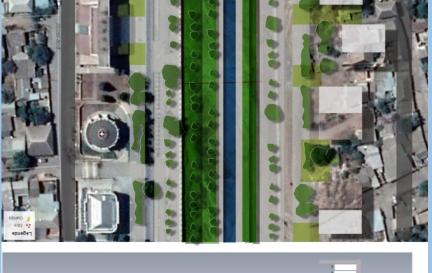




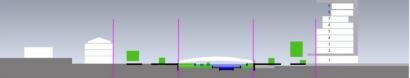




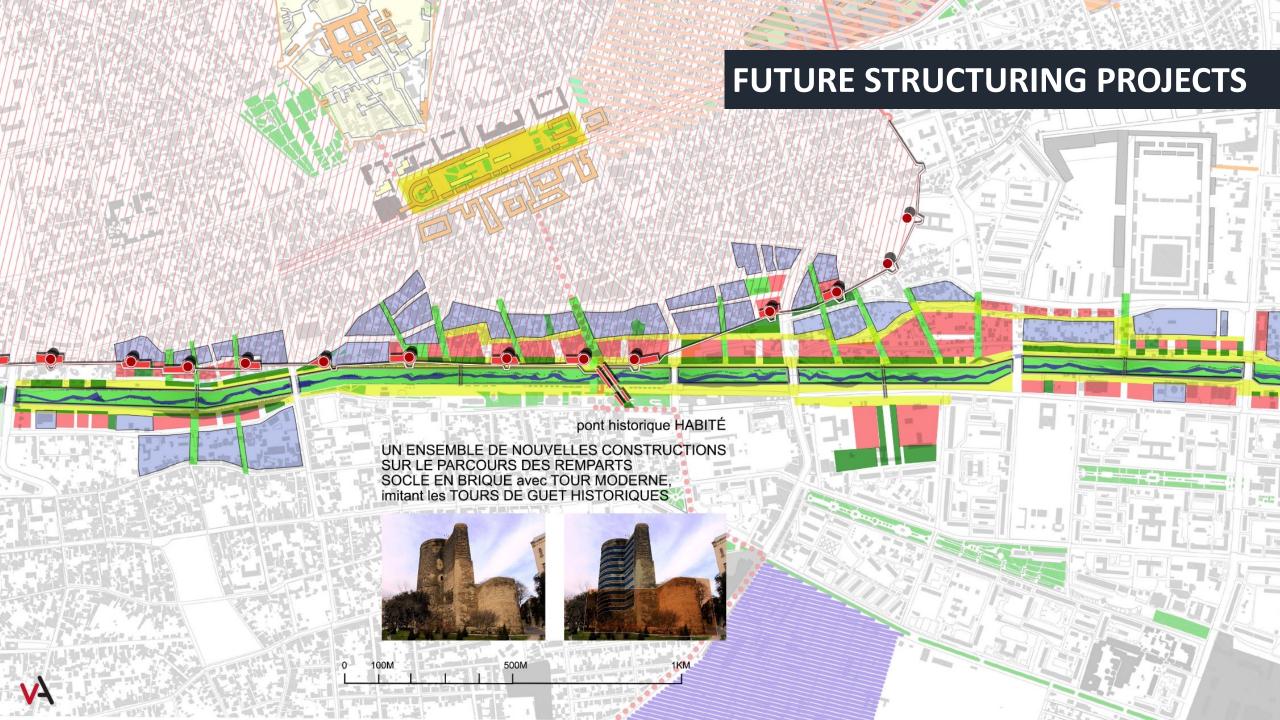






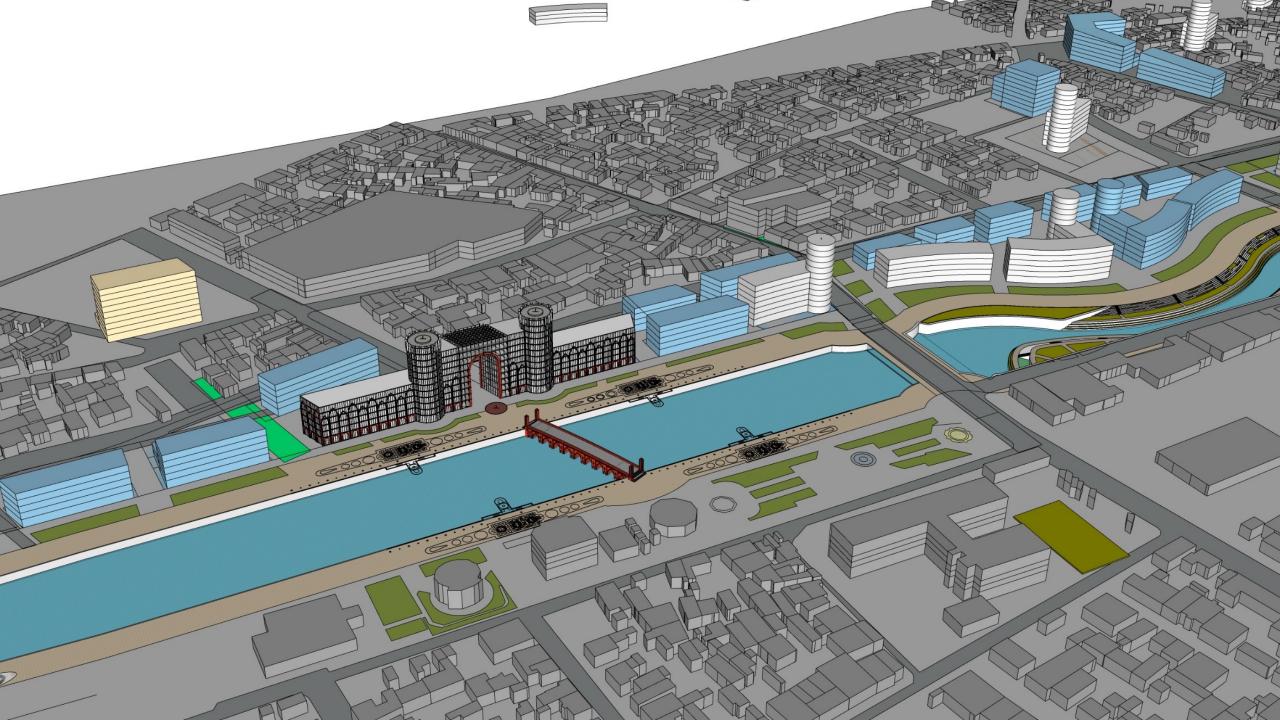


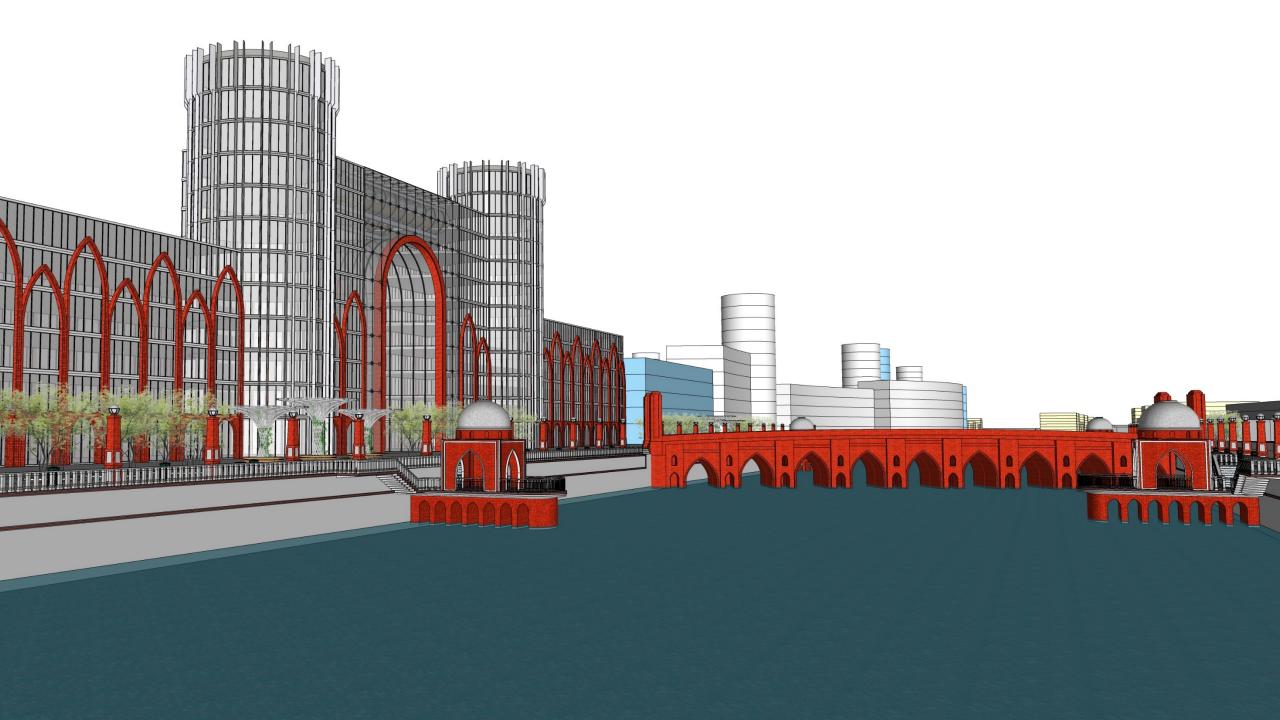




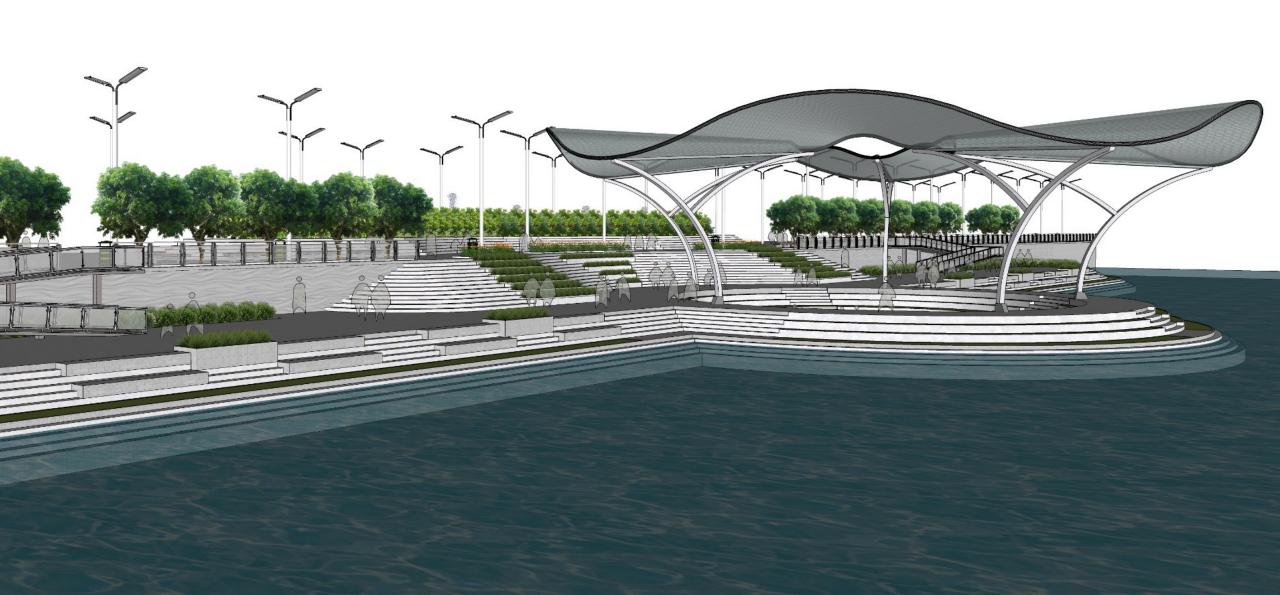






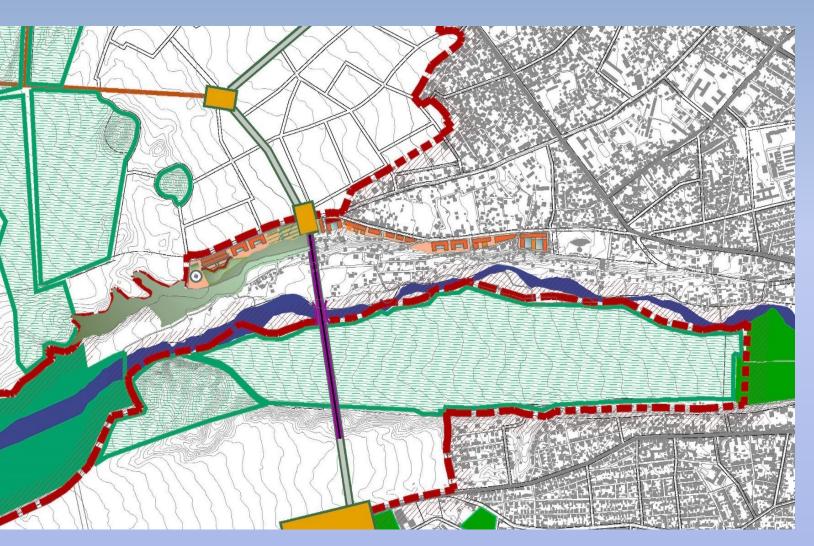








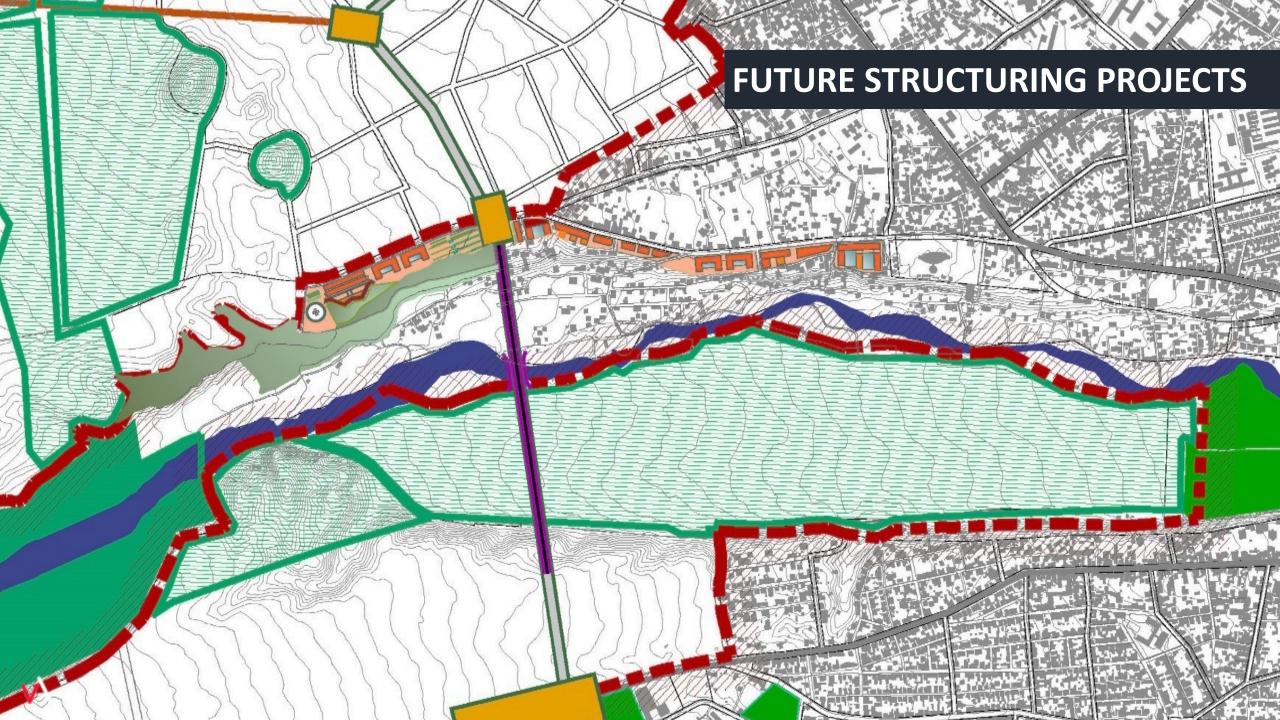




6- MEDICAL CAMPUS: A new Medical Campus surrounding a Sanatorium Hospital and Centre of Excellence with medical suppliers and service providers. A medical hub for the whole region at the scale of the metropolitan city.

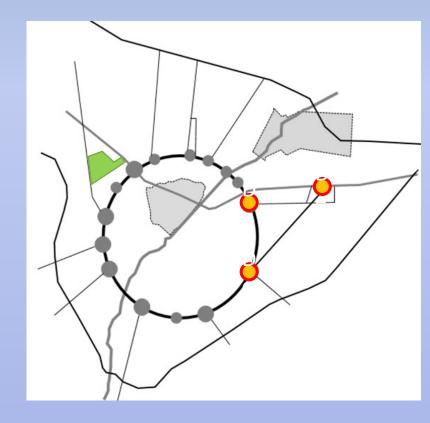




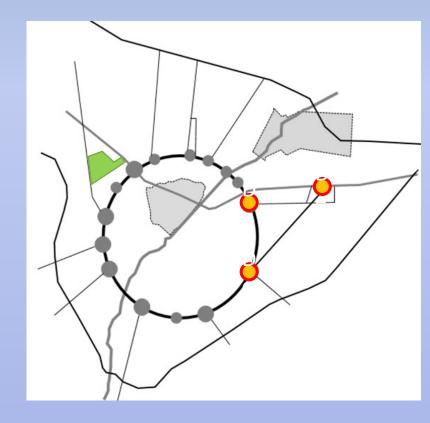




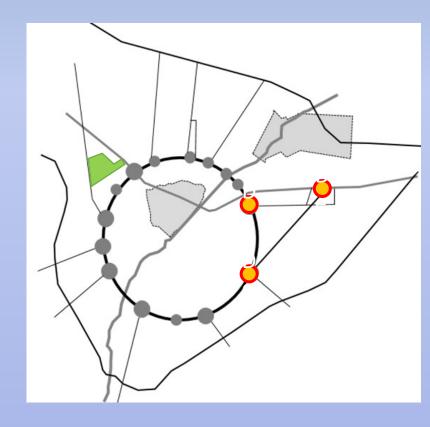




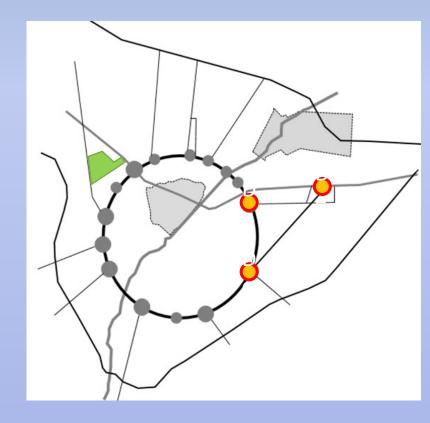




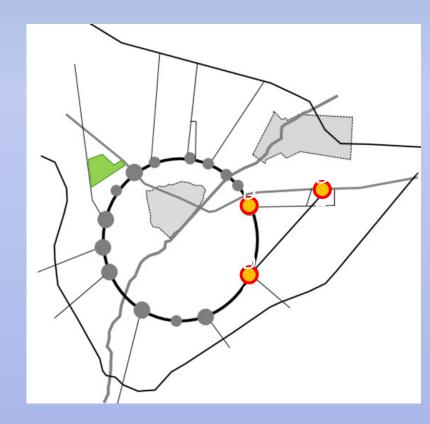






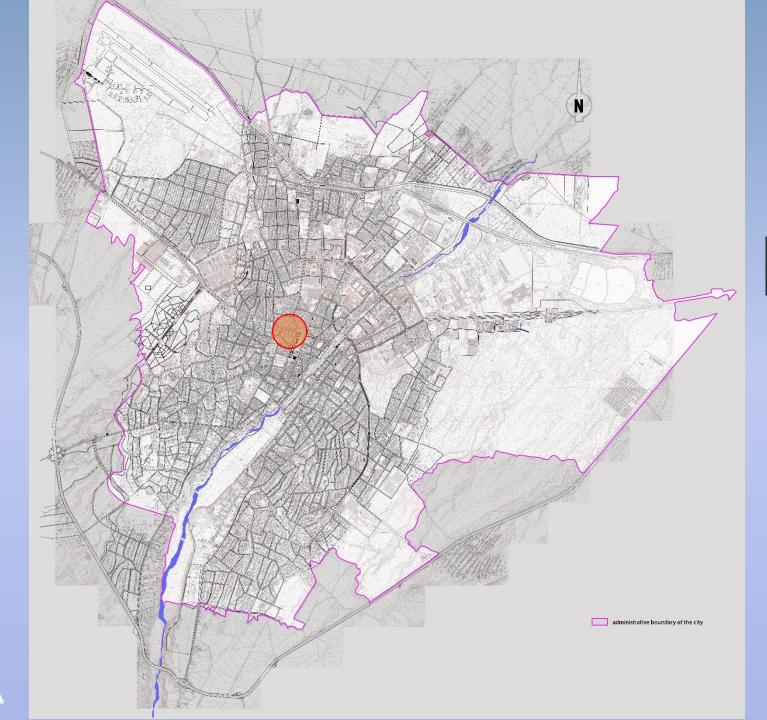






BUILD THE CITY ABOVE THE CITY

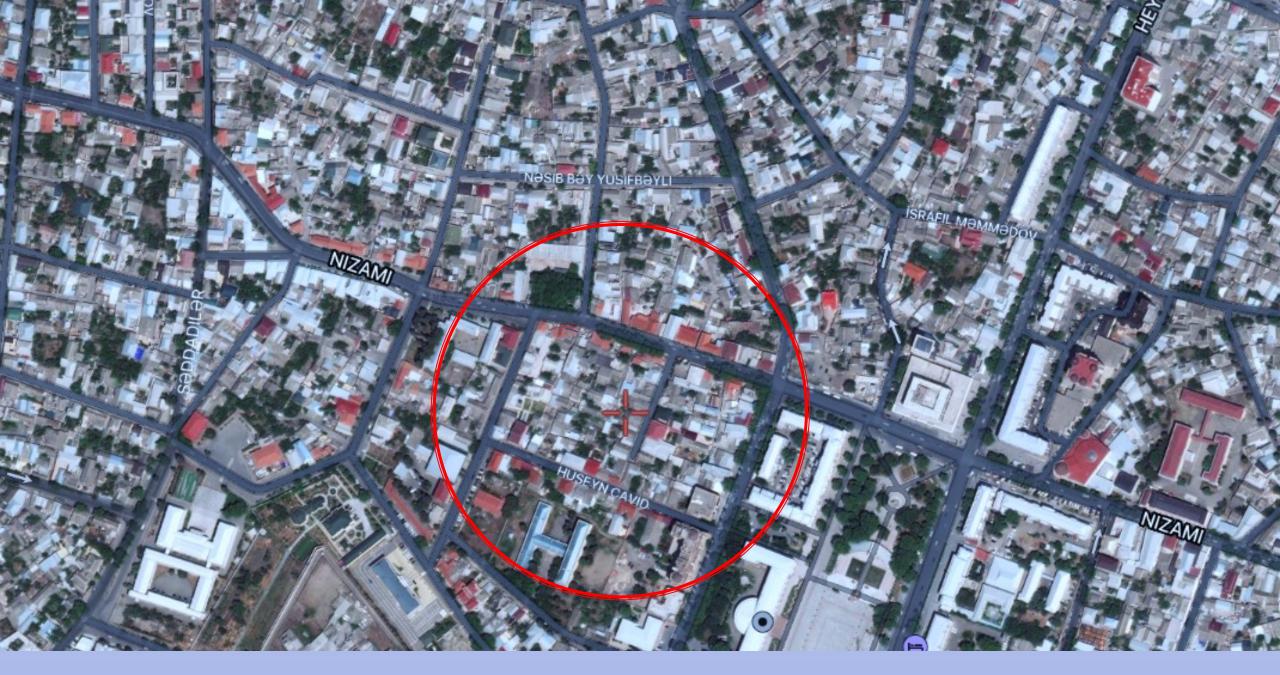
STRATEGIES FOR DENSIFYING THE EXISTING URBAN PATTERN

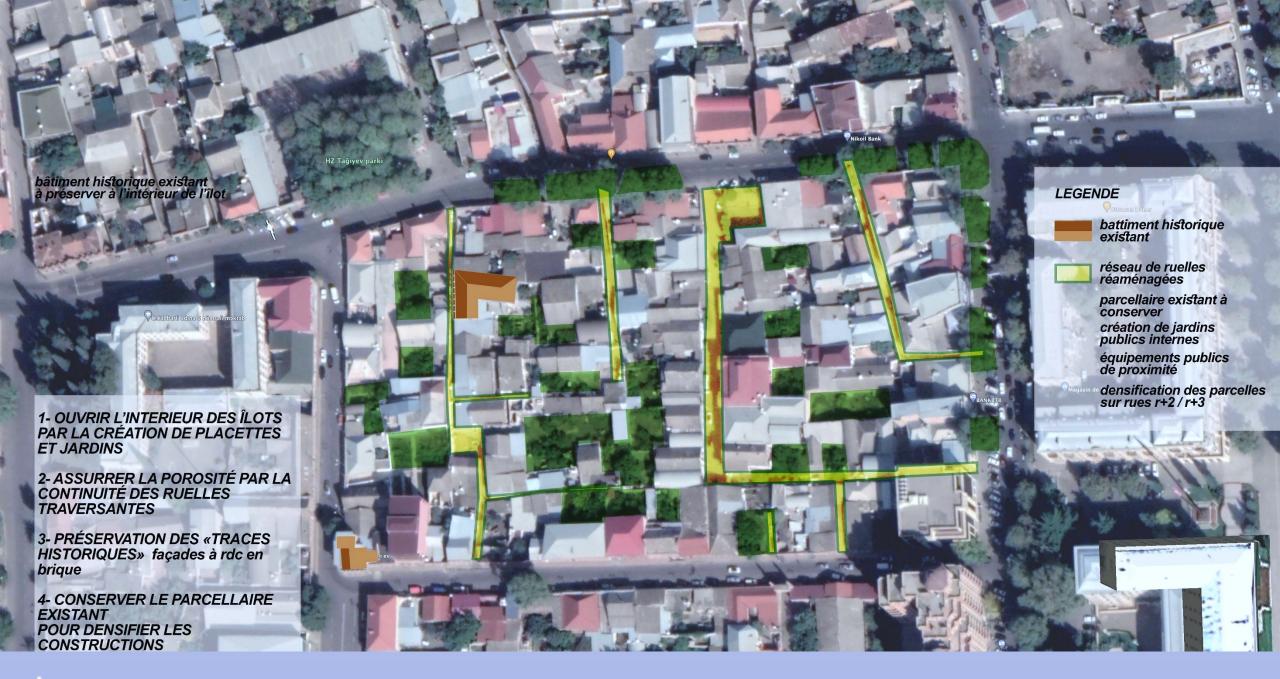


GANDJA MASTERPLAN 2040

BETWEEN HISTORY AND MODERNITY
THE SOUL OF GANDJA



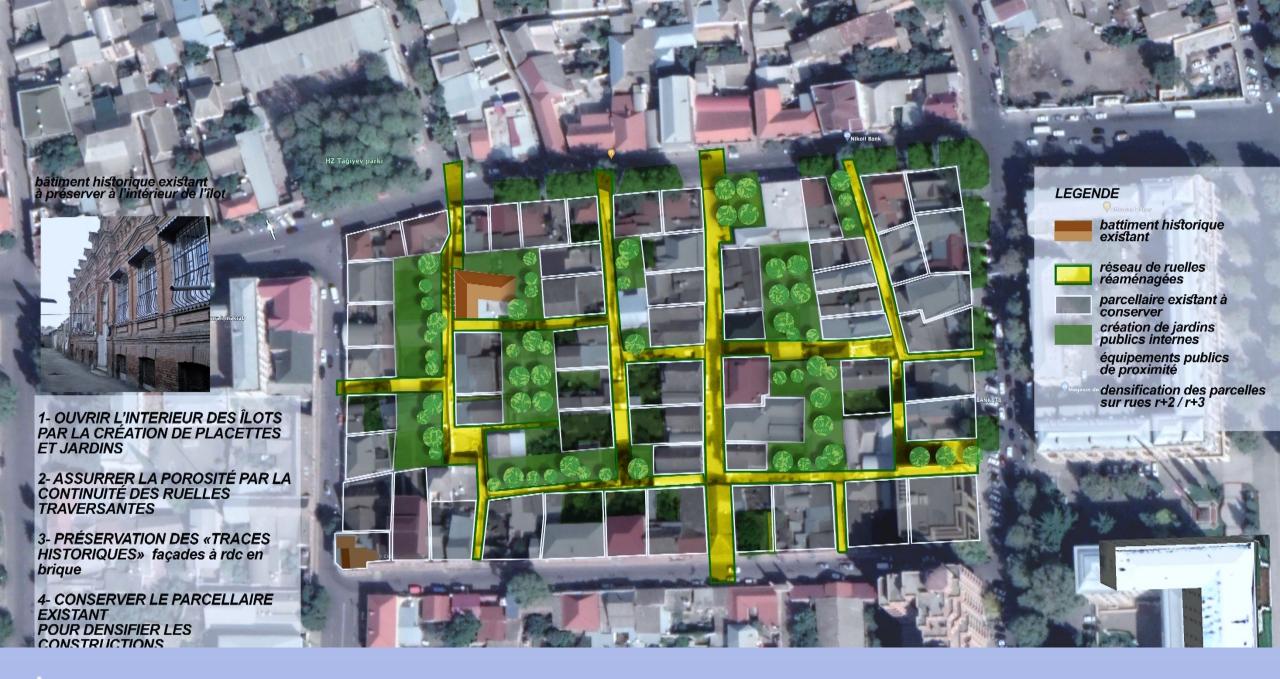






















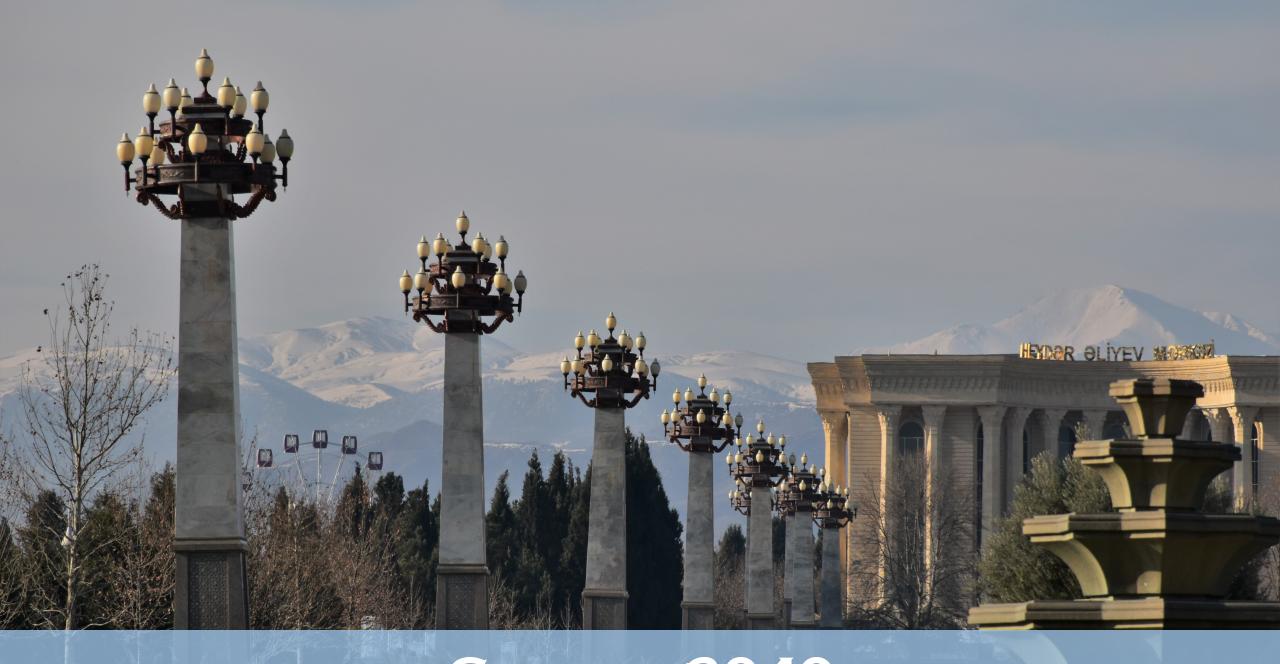
HISTOIRE & MODERNITÉ



Principe de REDENSIFICATION des îlots en centre ville, avec la prise en compte des façades historiques à préserver sur rue



entre HISTOIRE & MODERNITÉ



GANDJA 2040



