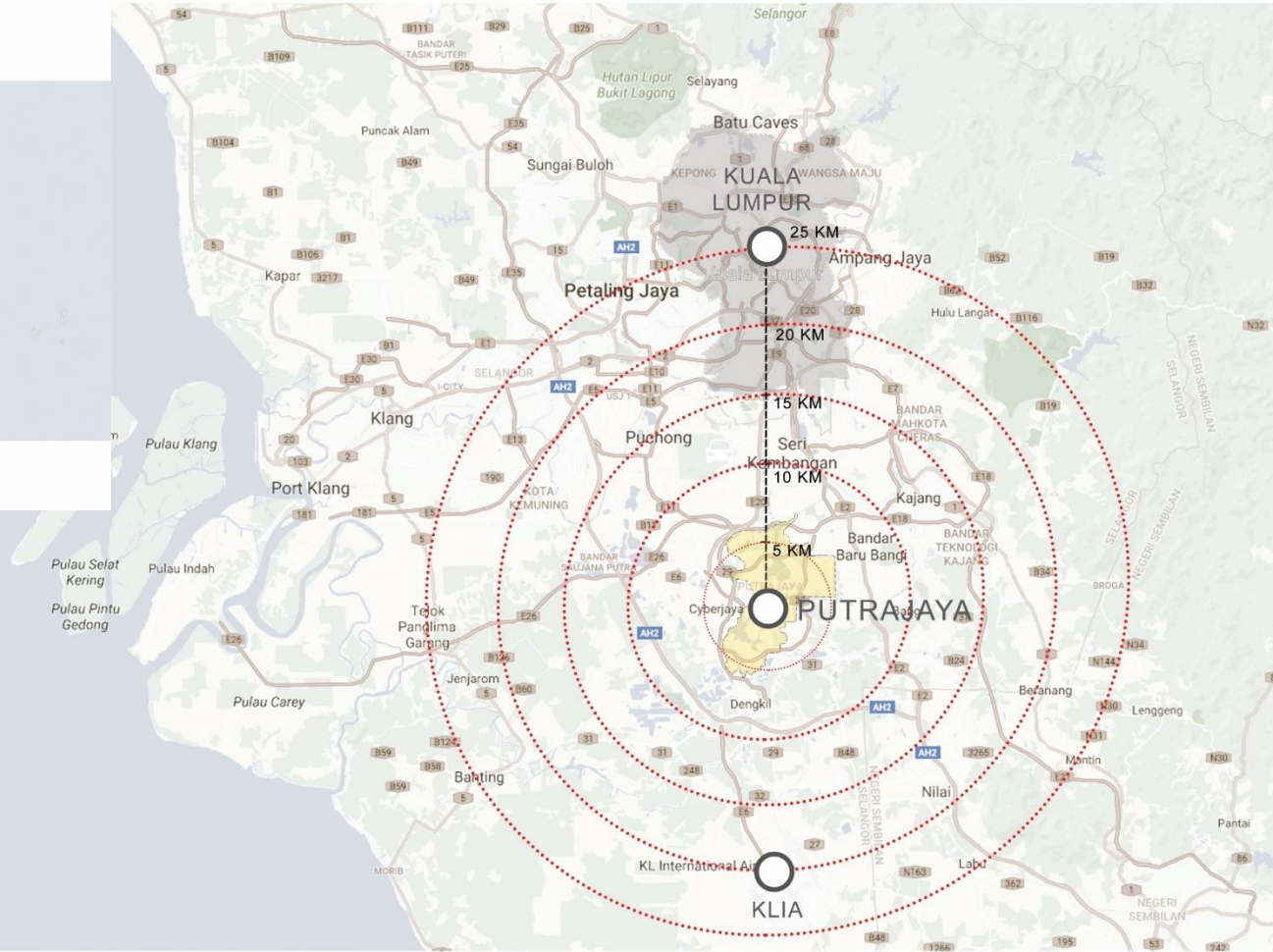
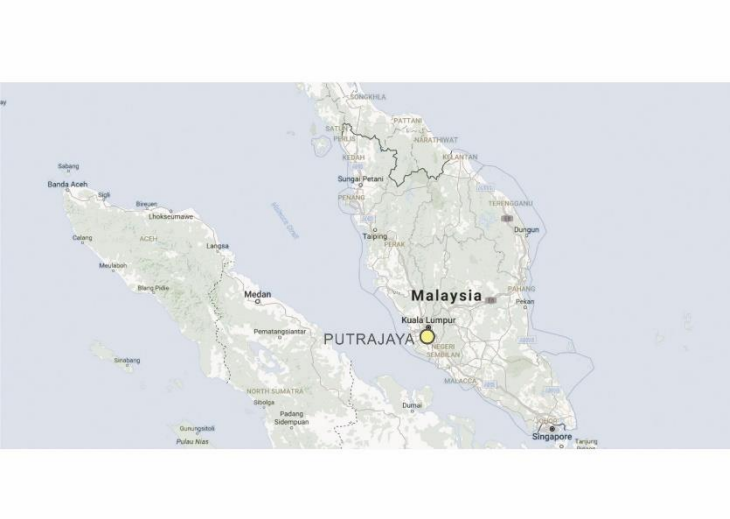


putrajaya

مبمل ممل

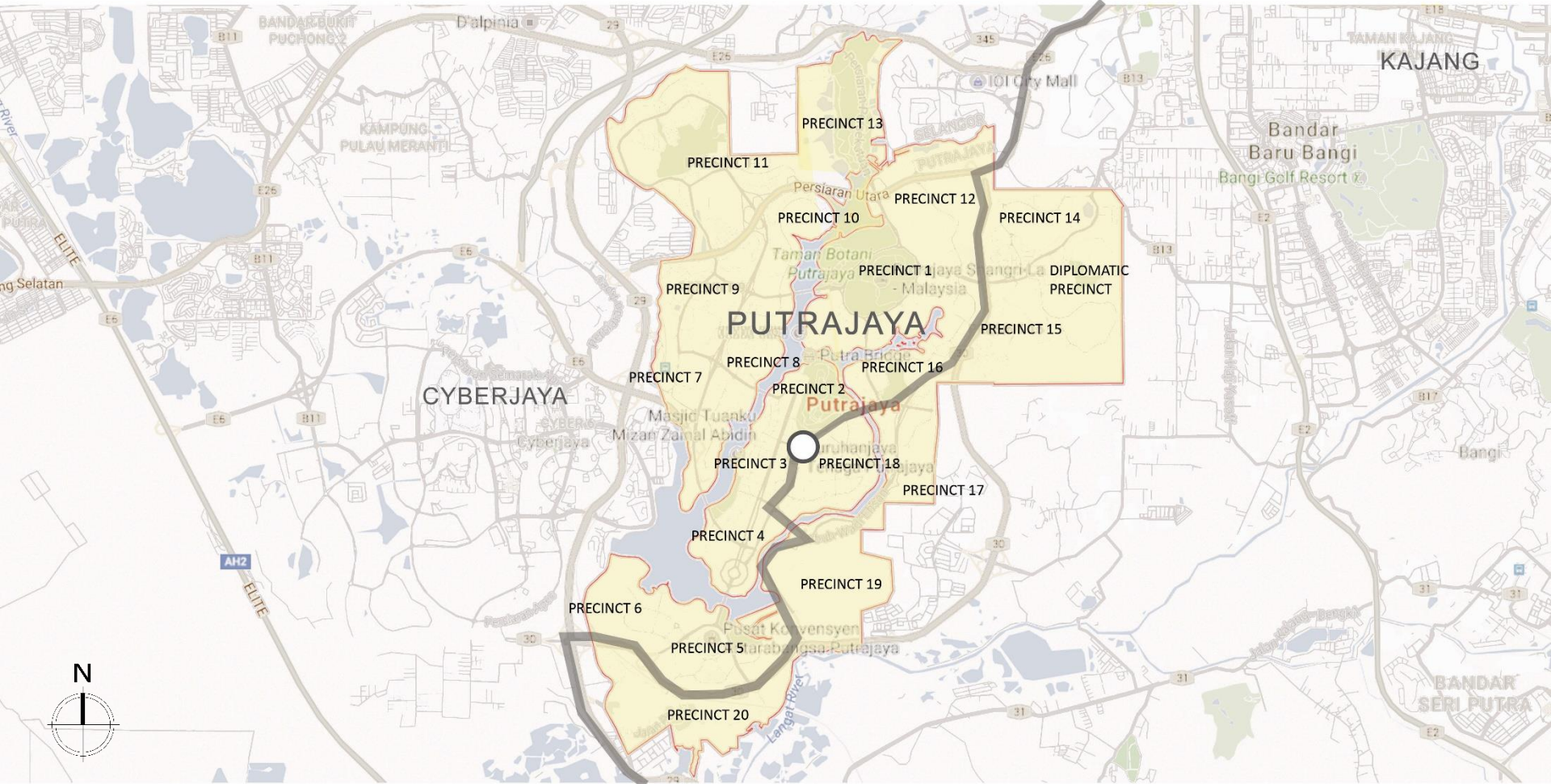


# KEY PLAN



# LOCATION PLAN

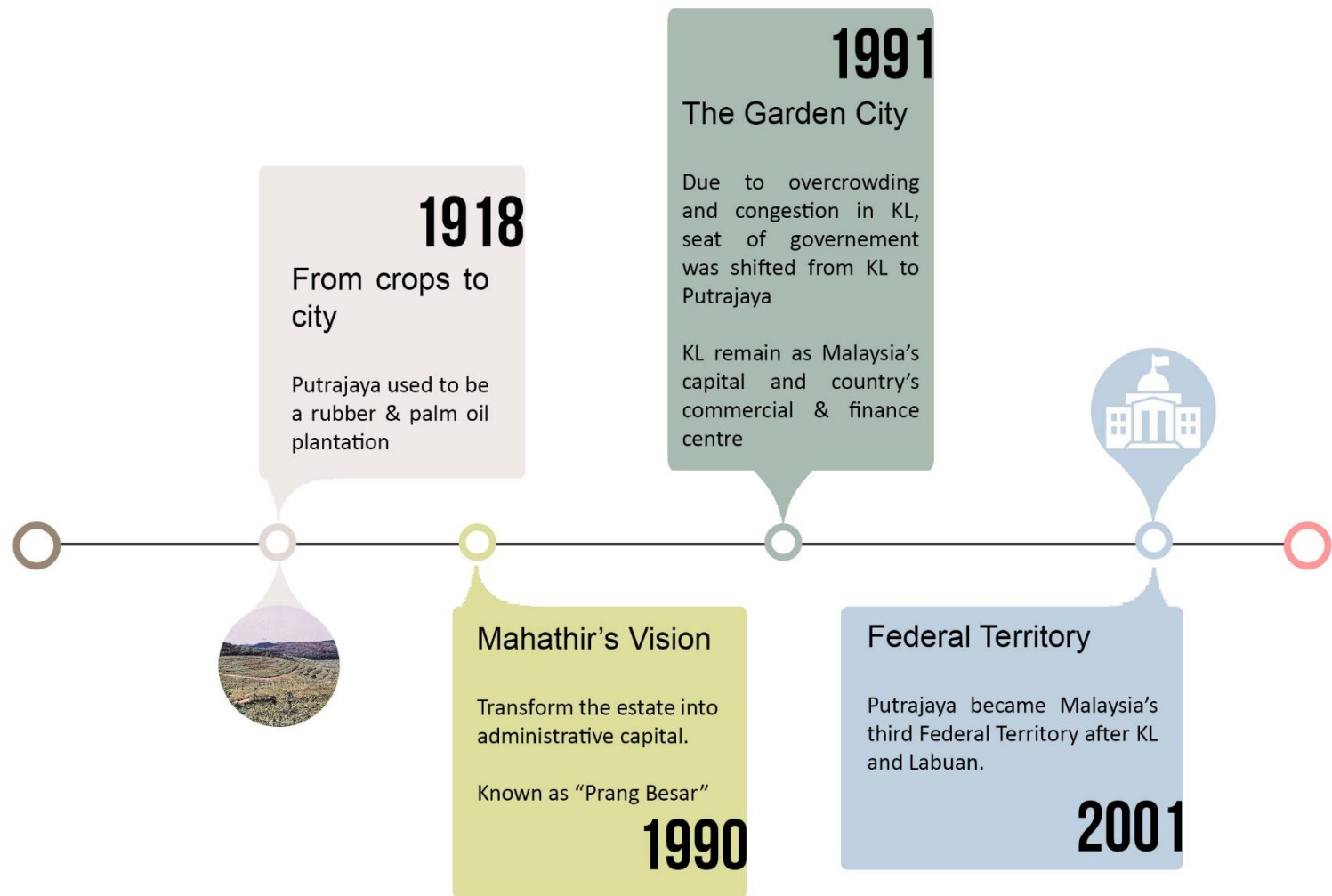
FROM KUALA LUMPUR  
VIA LEBUHRAYA UTARA - SELATAN



FROM KLIA  
VIA LEBUHRAYA KLIA EXTENSION

**PUTRAJAYA – 20 PRECINCTS**

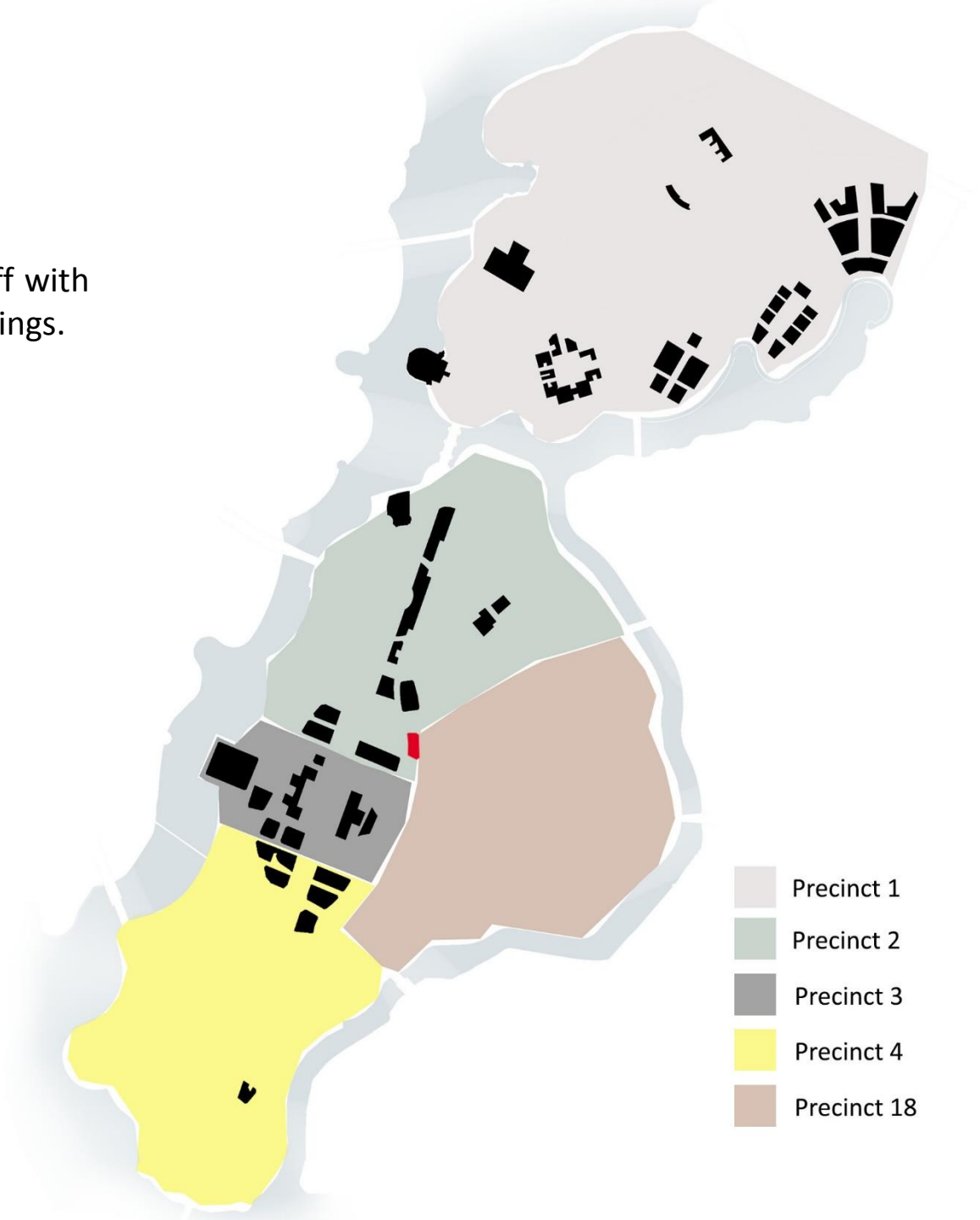
# HISTORY TIMELINE



# MORPHOLOGY

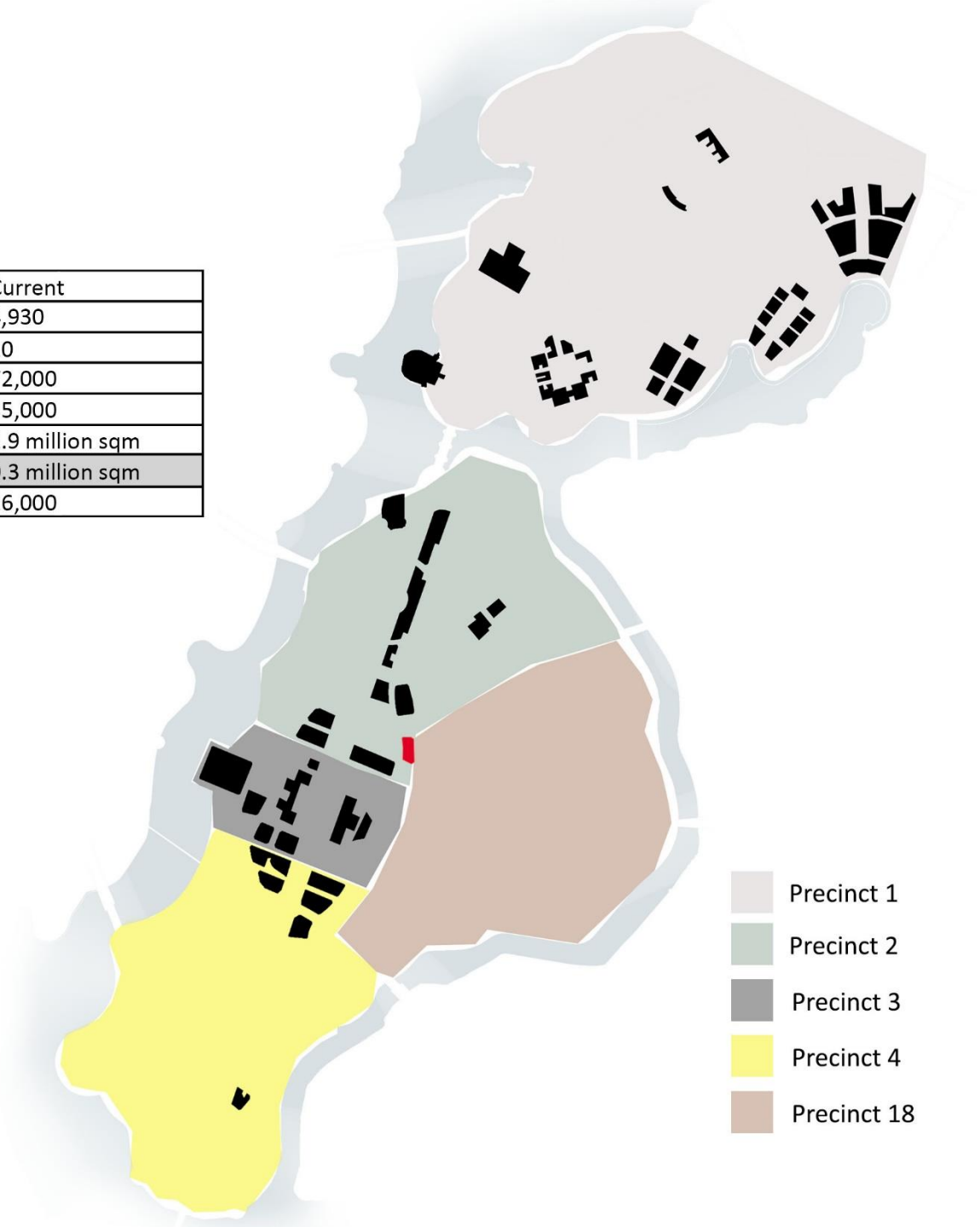
2004

Development of Putrajaya started off with the government administrative buildings.



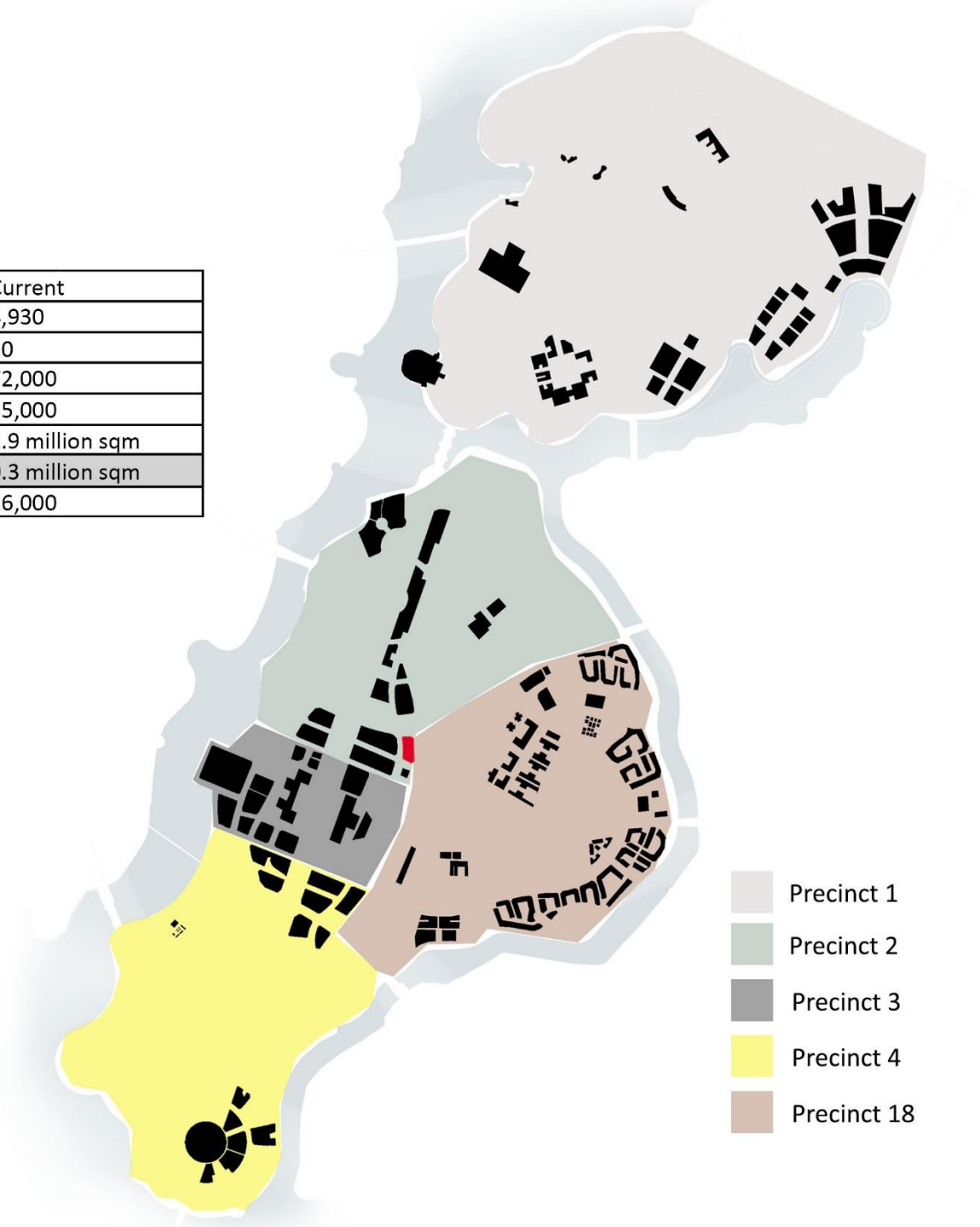
2004

	Planned	Current
Area	4,930 hectares	4,930
Precinct	20	20
Resident Population	350,000	72,000
Working Population	500,000	35,000
Government Office	3.8 million sqm	2.9 million sqm
Commercial	3.4 million sqm	0.3 million sqm
Resident Units	65,000	26,000



# Present

	Planned	Current
Area	4,930 hectares	4,930
Precinct	20	20
Resident Population	350,000	72,000
Working Population	500,000	35,000
Government Office	3.8 million sqm	2.9 million sqm
Commercial	3.4 million sqm	0.3 million sqm
Resident Units	65,000	26,000



- Precinct 1
- Precinct 2
- Precinct 3
- Precinct 4
- Precinct 18

# URBAN PLANNING

## Putrajaya as an Islamic City

Main Mosque (Tuanku Mizan Zainal Abidin Mosque)

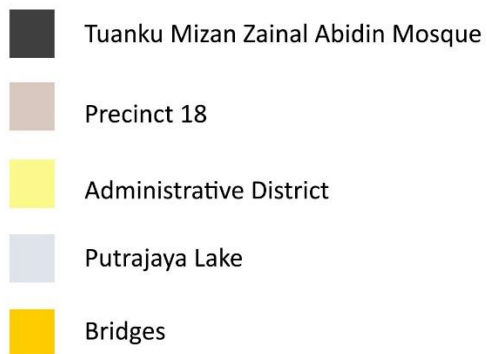
Residential Quarters (Precinct 18)

Citadel (Administrative District)

Walls (River) with Gates (Bridge)

Street Network (primary, secondary, tertiary roads)

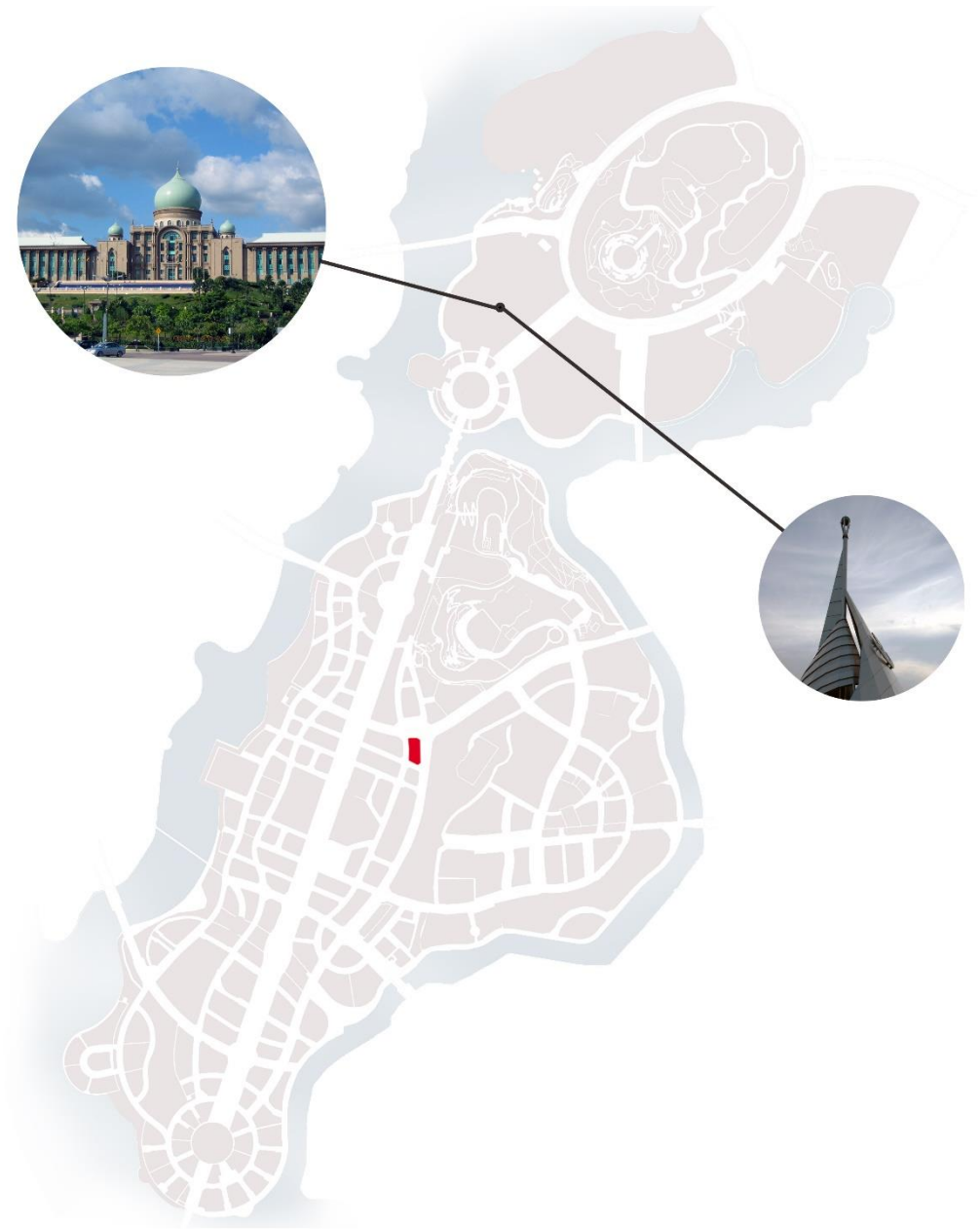
Suqs (Under construction)





## ISLAMIC ARCHITECTURE

- The symbol of Islamic mosques being the dome.
- A symbol of the universe and has existed throughout history in varying forms among civilisations.
- The conical form exudes divine insight and embellished with designs and colours of Islamic architecture.



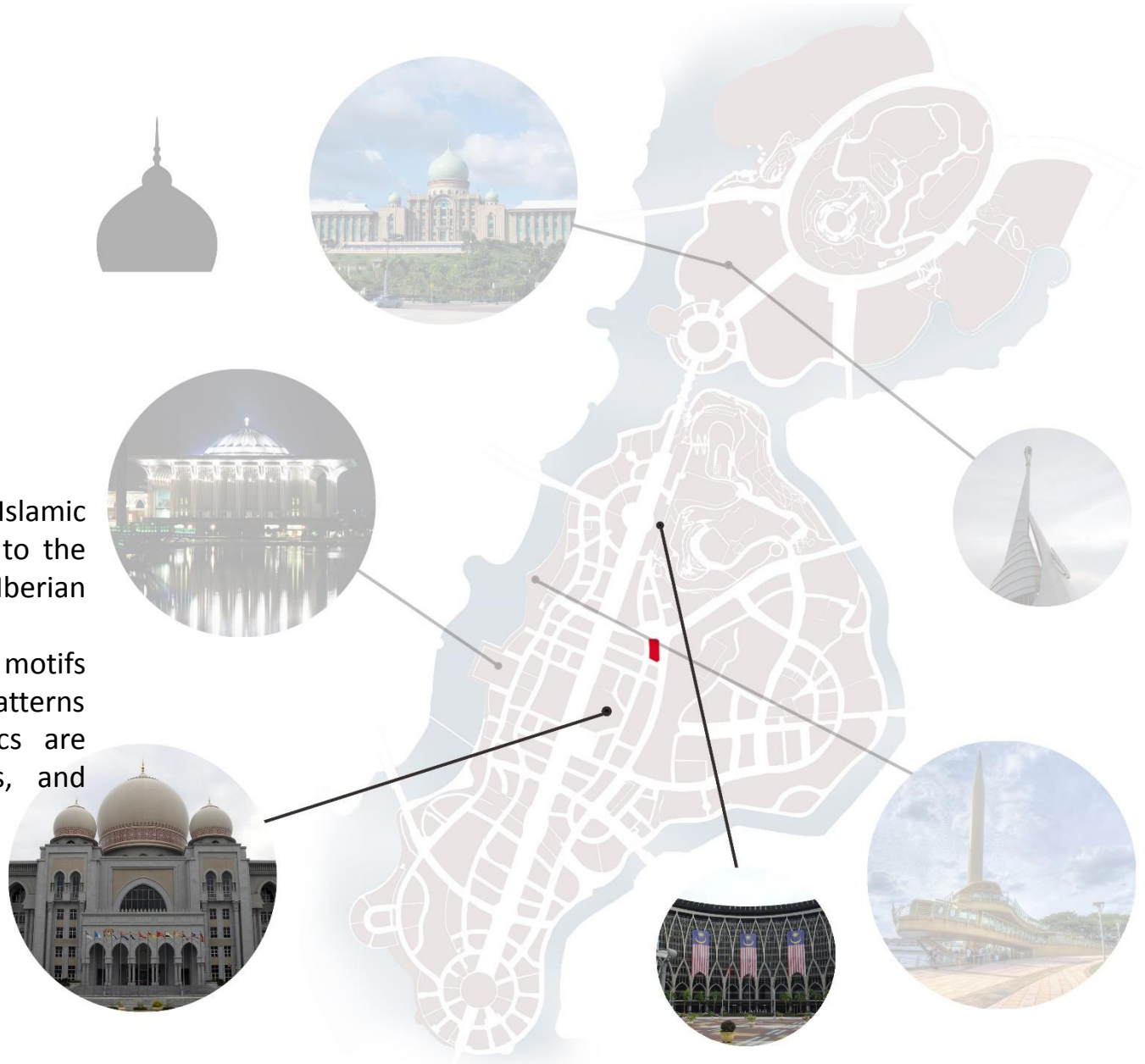
## MODERN ARCHITECTURE

- Modern style architecture mixed with traditional Malay or Islamic motifs and architecture.
- Architecture style of the early-to-mid 20th century Machine Age architecture.
- Constitutes of a lack of ornaments, structures of steel and concrete, large breadth of glass, minimalistic exterior and open floors.



## MOORISH ARCHITECTURE

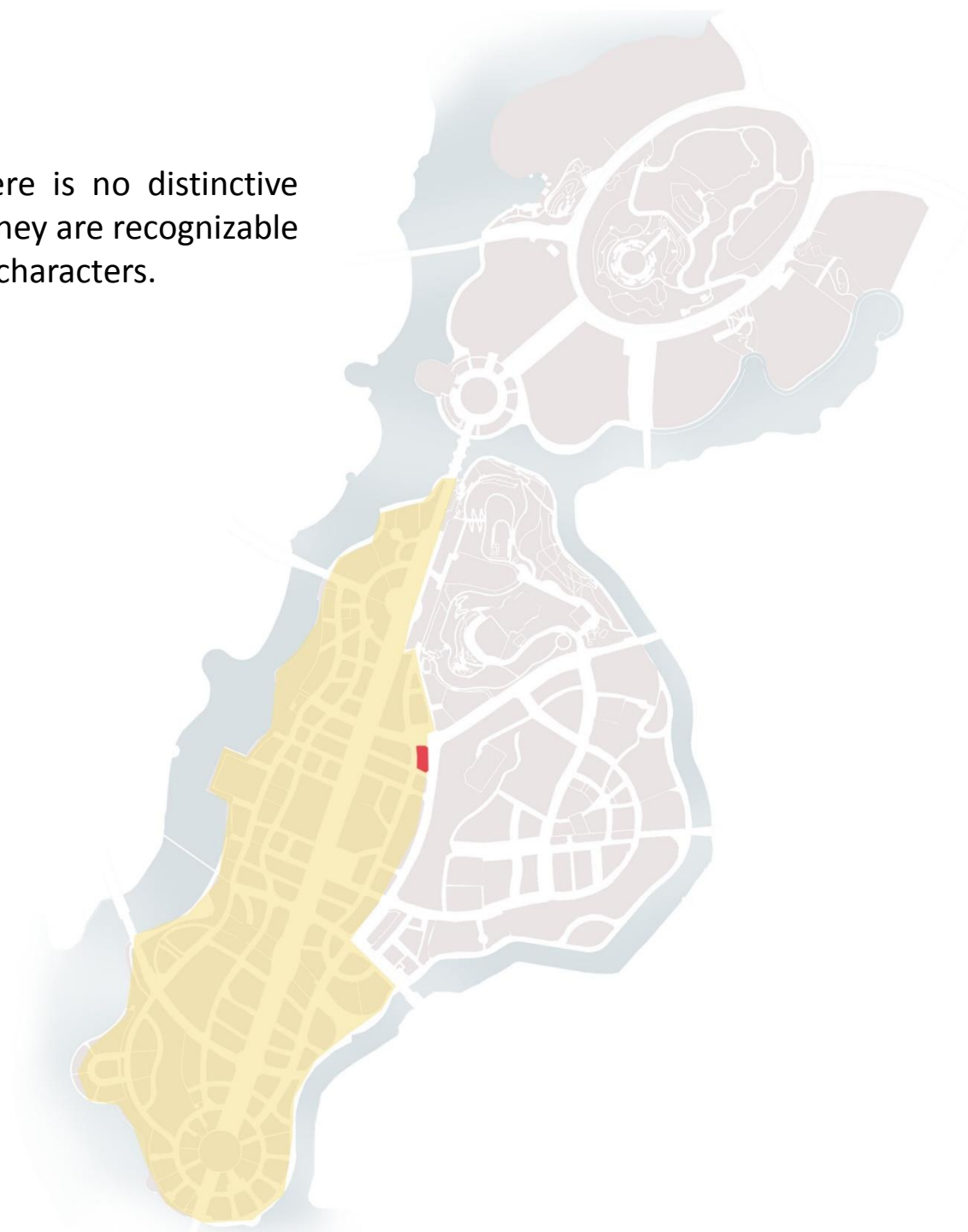
- A variant of Islamic architecture native to the Maghreb and Iberian Peninsula.
- A great usage of motifs and repetitions of patterns
- Other characteristics are muqarnas, vossors, and arches.



# DISTRICTS



Entering the core of Putrajaya, there is no distinctive difference of Precinct 2, 3, and 4 as they are recognizable as having come common identifying characters.

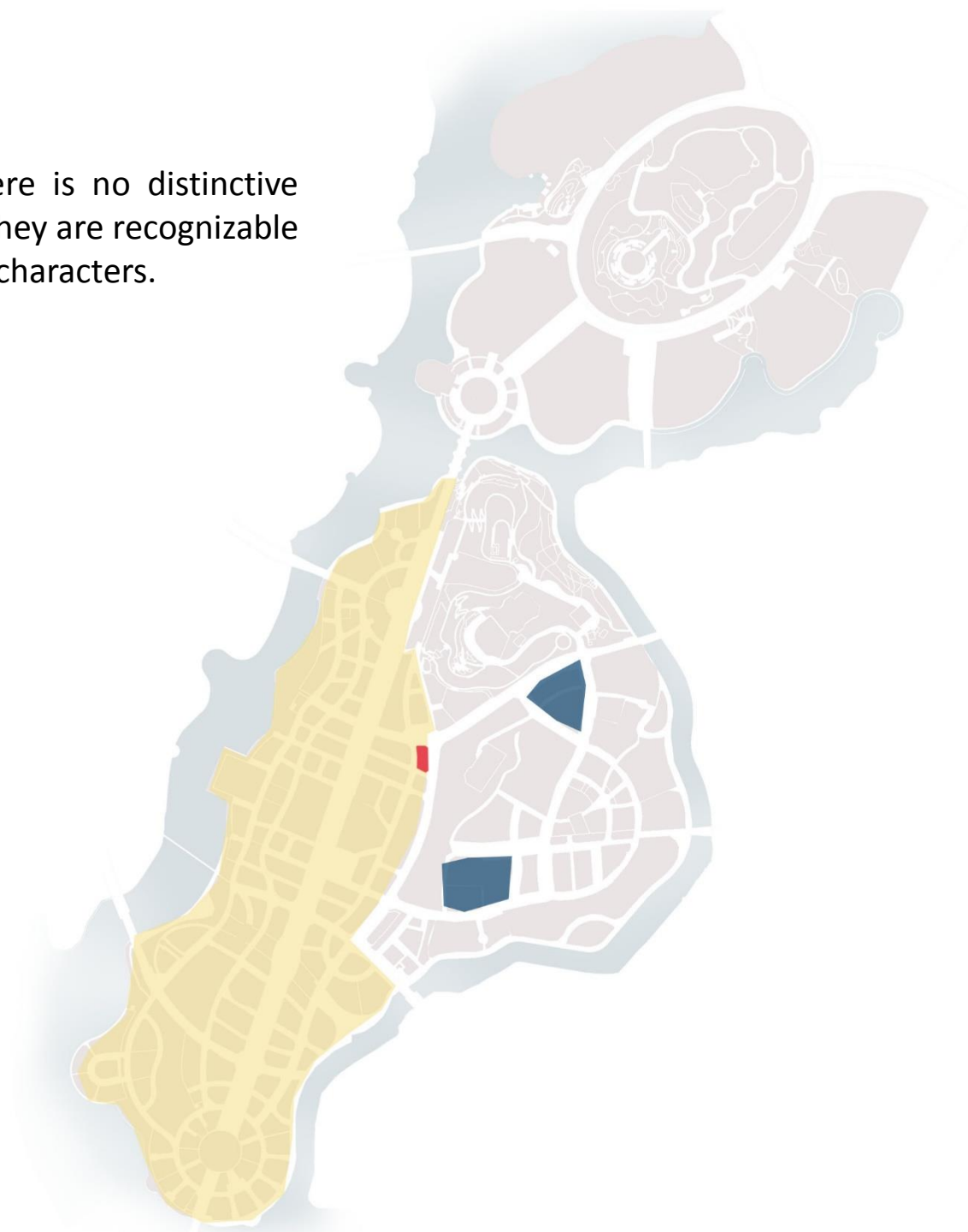
 Commercial



# DISTRICTS

Entering the core of Putrajaya, there is no distinctive difference of Precinct 2, 3, and 4 as they are recognizable as having come common identifying characters.

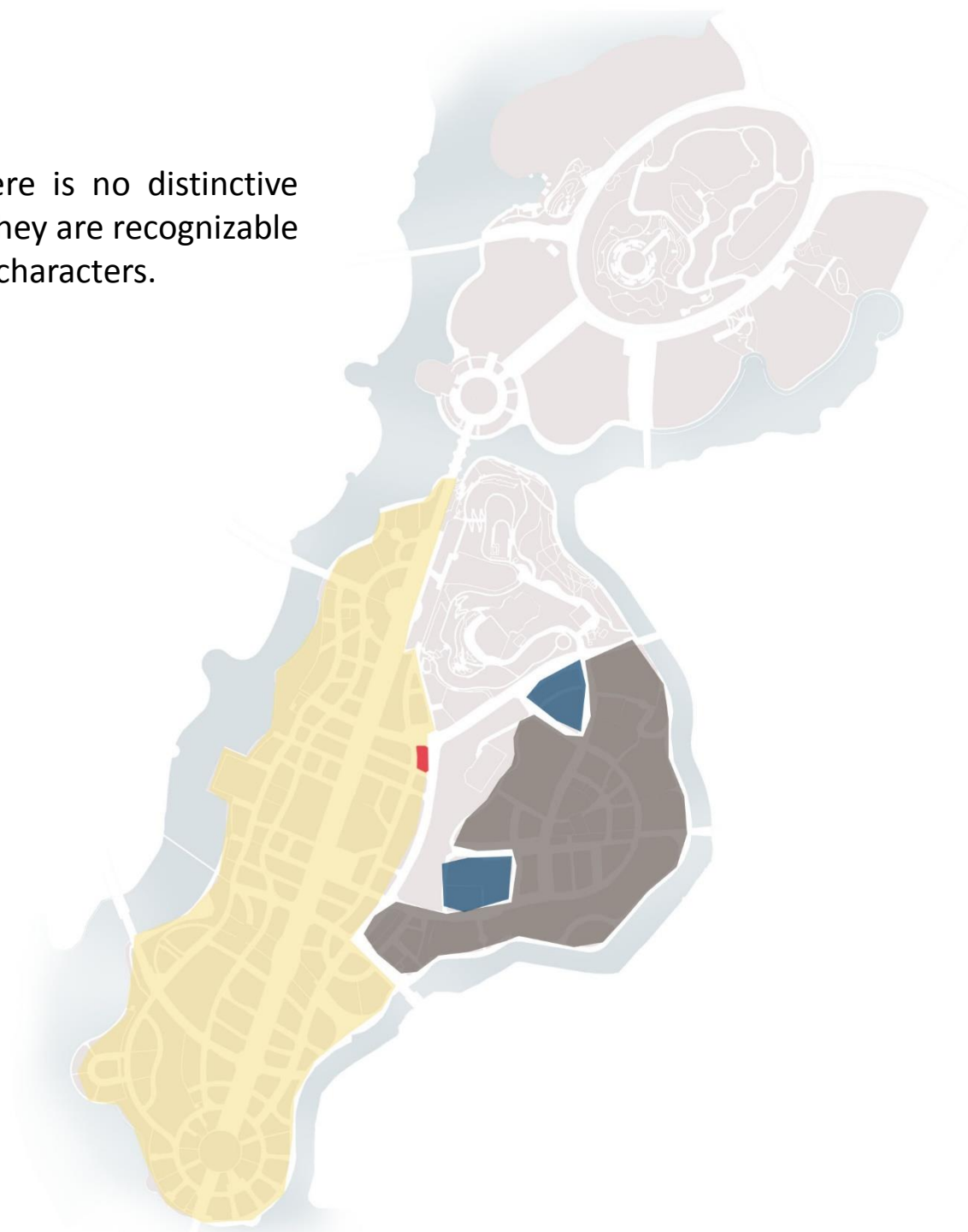
-  Commercial
-  Educational



# DISTRICTS

Entering the core of Putrajaya, there is no distinctive difference of Precinct 2, 3, and 4 as they are recognizable as having come common identifying characters.

- Commercial
- Educational
- Residential



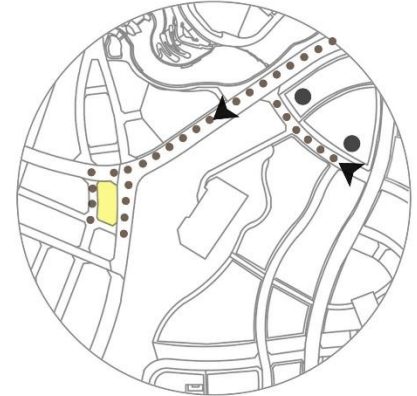
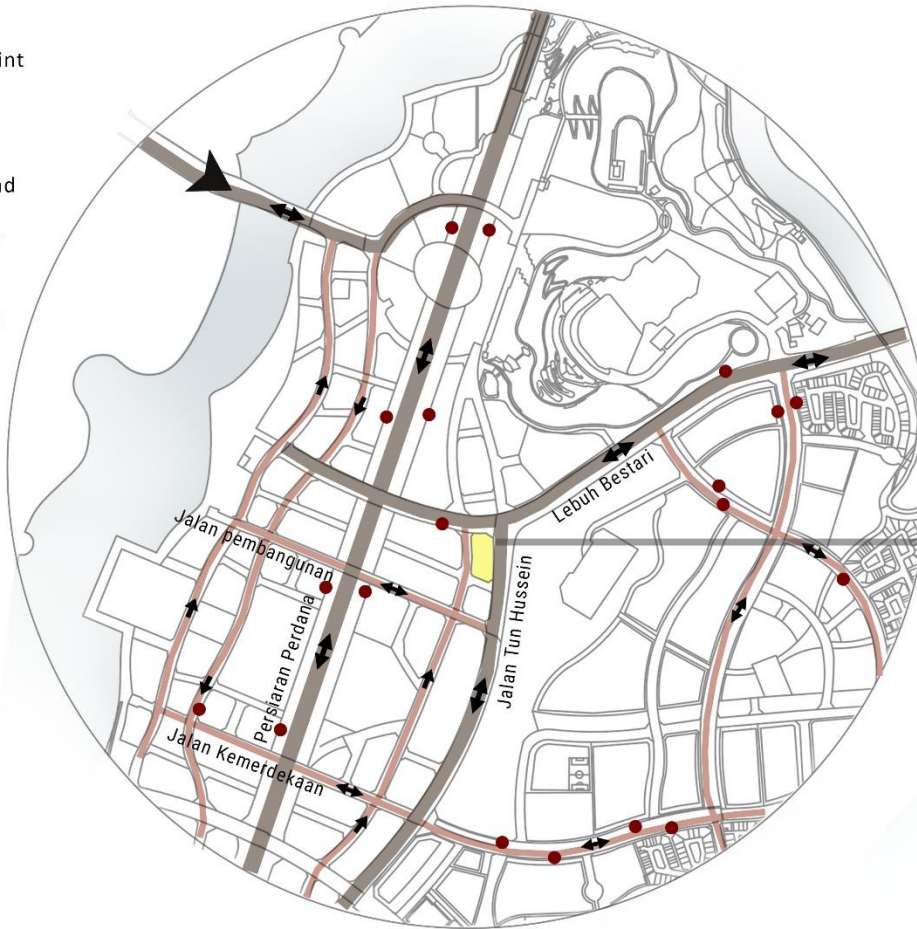
# ACCESSIBILITY & CONNECTIVITY

- ▲ Main Entry Point
- Primary Road
- Secondary Road
- ↔ Two Way Road
- One Way Road
- Bus Stop
- Proposed Site



# ACCESSIBILITY & CONNECTIVITY

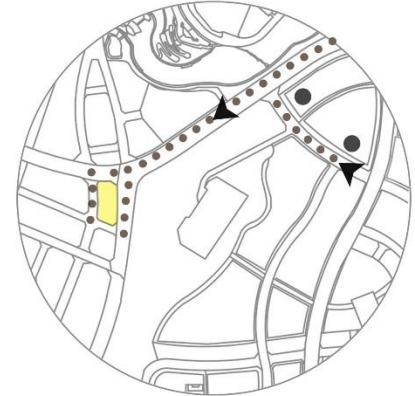
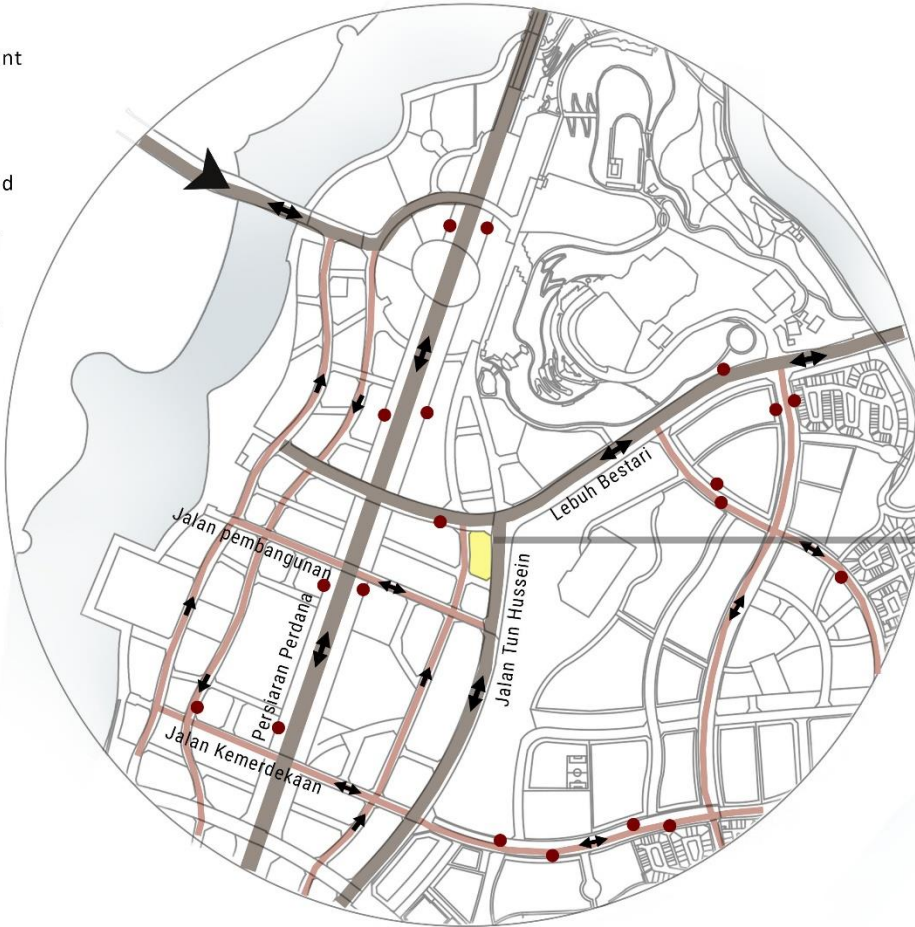
- ▲ Main Entry Point
- Primary Road
- Secondary Road
- ↔ Two Way Road
- One Way Road
- Bus Stop
- Proposed Site



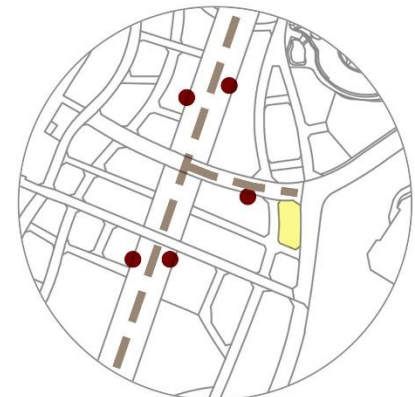
- Student can easily access to site by using the proper pedestrian track

# ACCESSIBILITY & CONNECTIVITY

- ▲ Main Entry Point
- Primary Road
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- ↔ Two Way Road
- One Way Road
- Bus Stop
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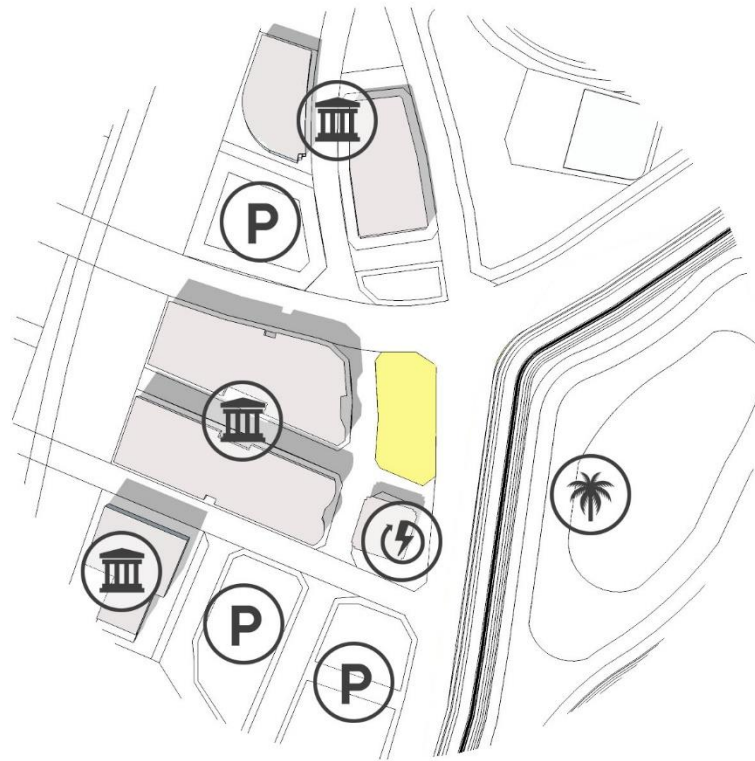
- Student can easily access to site by using the proper pedestrian track



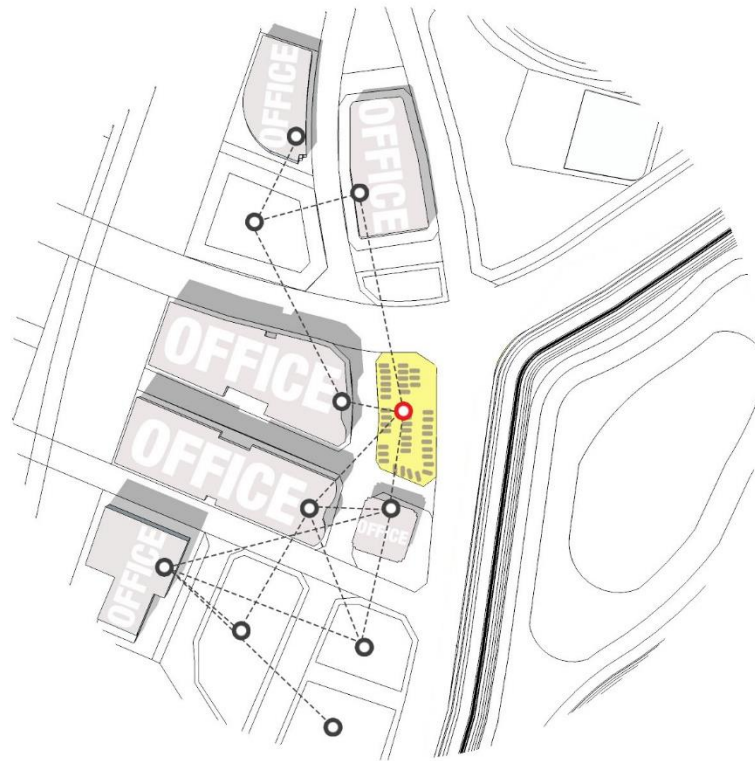
- Users coming from other district can easily access to site through public buses

2 Min walking distance from the

**MICROSITE**

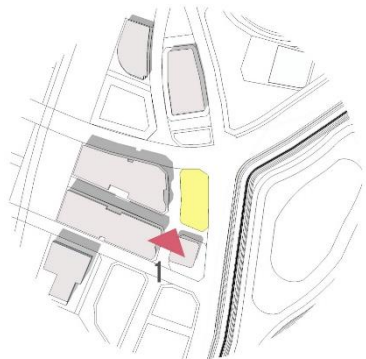


Neighbouring Context



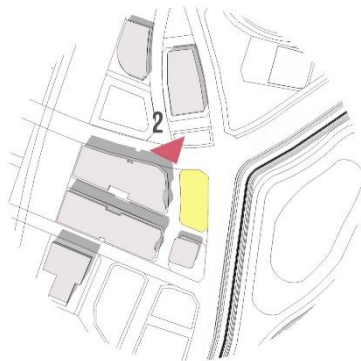
Connectivity

# VIEWS TO SITE



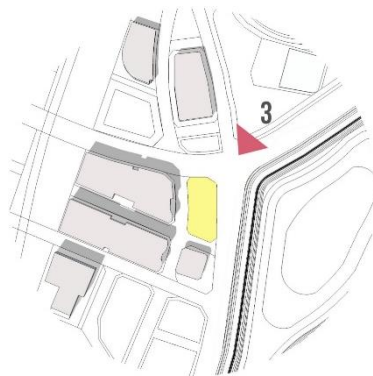
1

View from across  
Jalan Permodenan  
The one way traffic  
flow will influence the  
accessibility to the  
building.



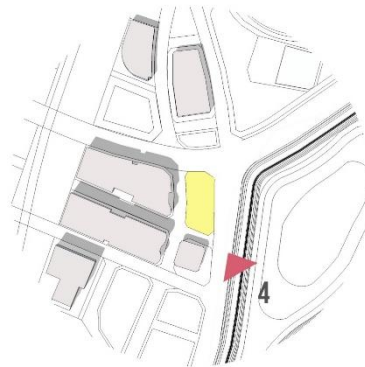
2

View to the site from  
a pedestrian's point  
of view from across  
the intersection of  
Lebuh Bestari and  
Jalan Permodenan.



**3**

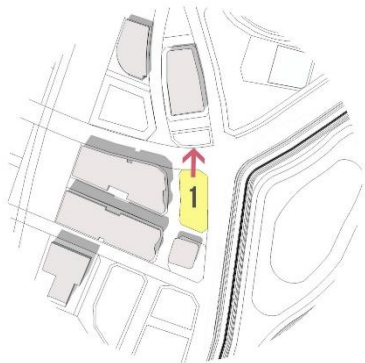
View to the site from  
the opposite of Lebuh  
Bestari, intersecting  
Jalan Tun Hussein.



4

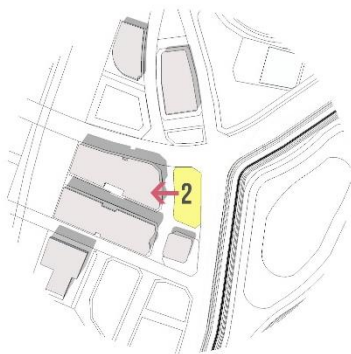
View from across  
Jalan Permodenan.  
From this point of view  
the Government  
Administration building  
is right behind the  
proposed site.

# VIEWS FROM SITE



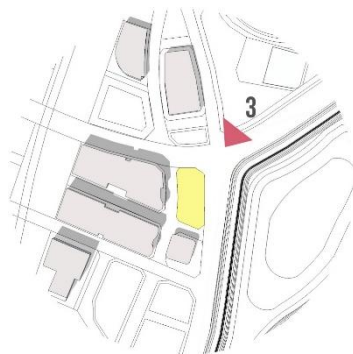
1

View from site  
towards the  
Building. GAS



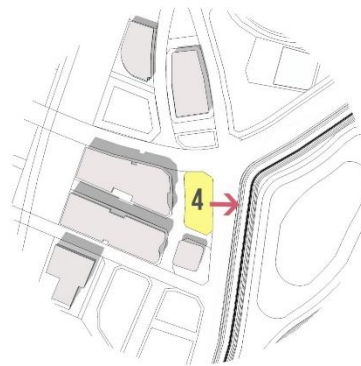
2

View from site  
towards the  
Immigration Building,  
Ministry of Domestic  
Trade, Cooperatives  
and Consumerism



3

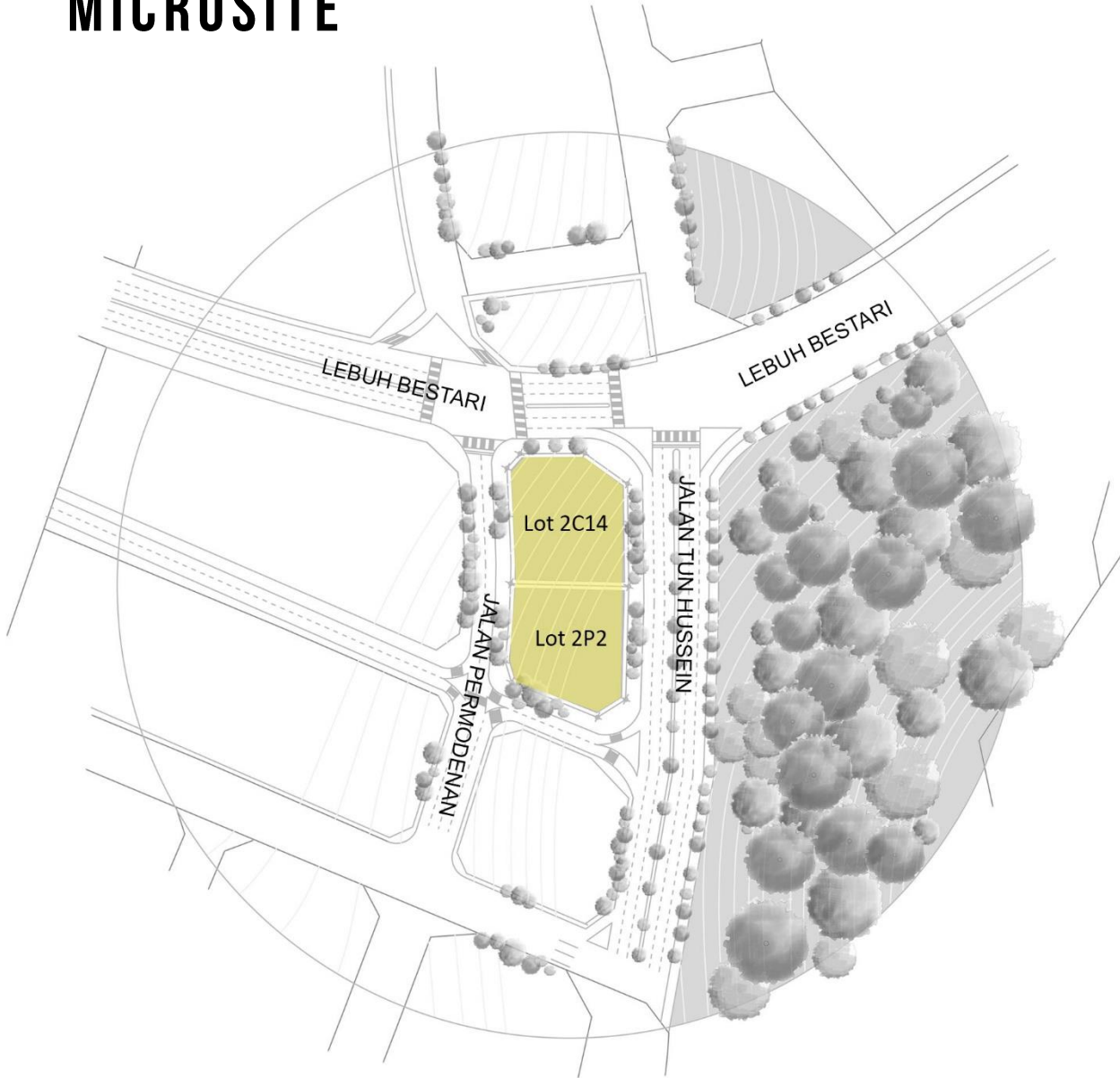
View from site  
towards Suruhanjaya  
Tenaga Building.



4

View from site toward  
the oil palm plantation.

# MICROSITE



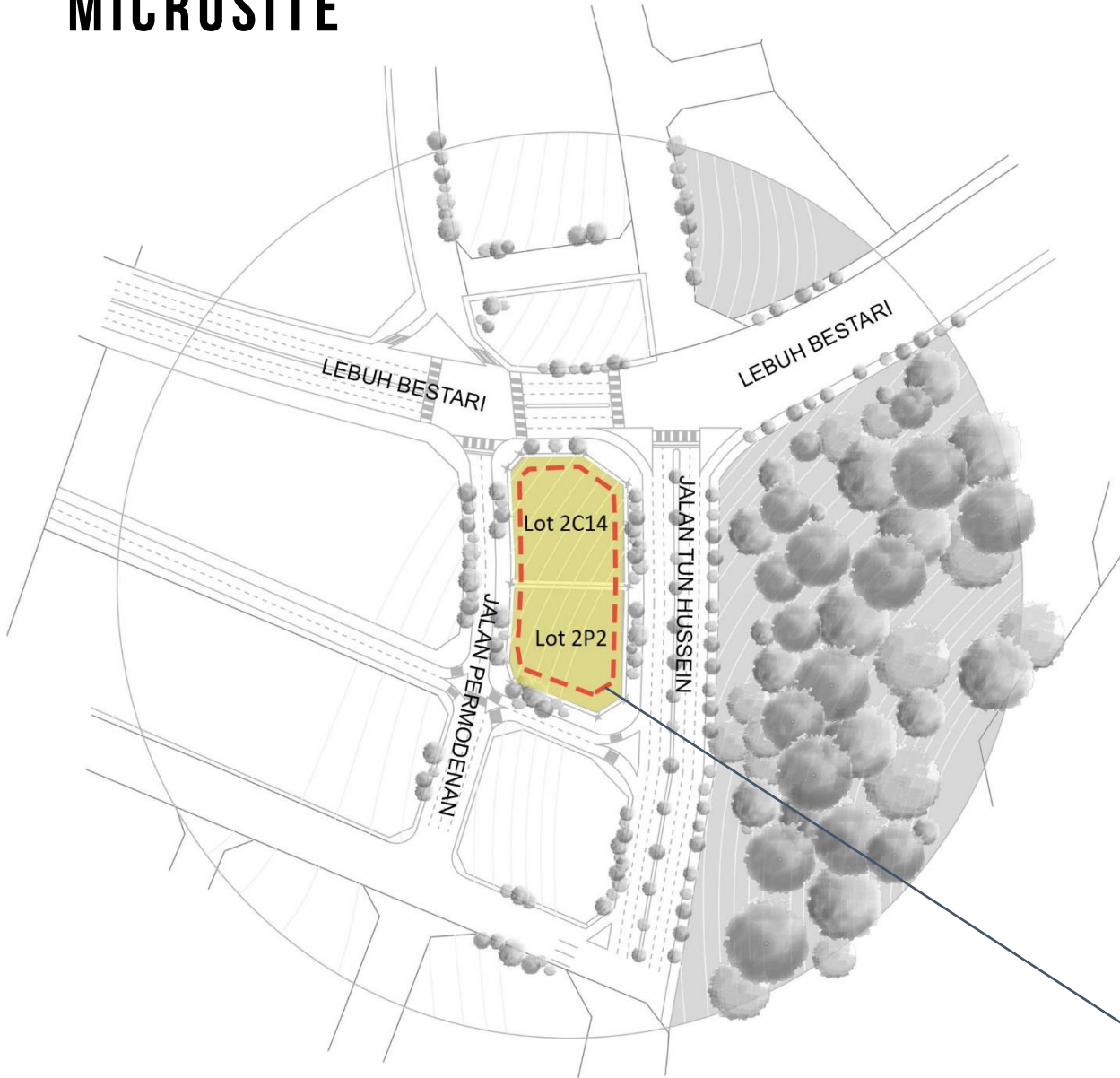
## Lot 2C14

Plot Area : 3,243.6sqm  
Plot GFA : 20,152.66sqm  
Plot ratio : 6.21

## Lot 2P2

Plot Area : 3,001.65sqm  
Plot GFA : 600.00sqm  
Plot ratio : 0.20

# MICROSITE



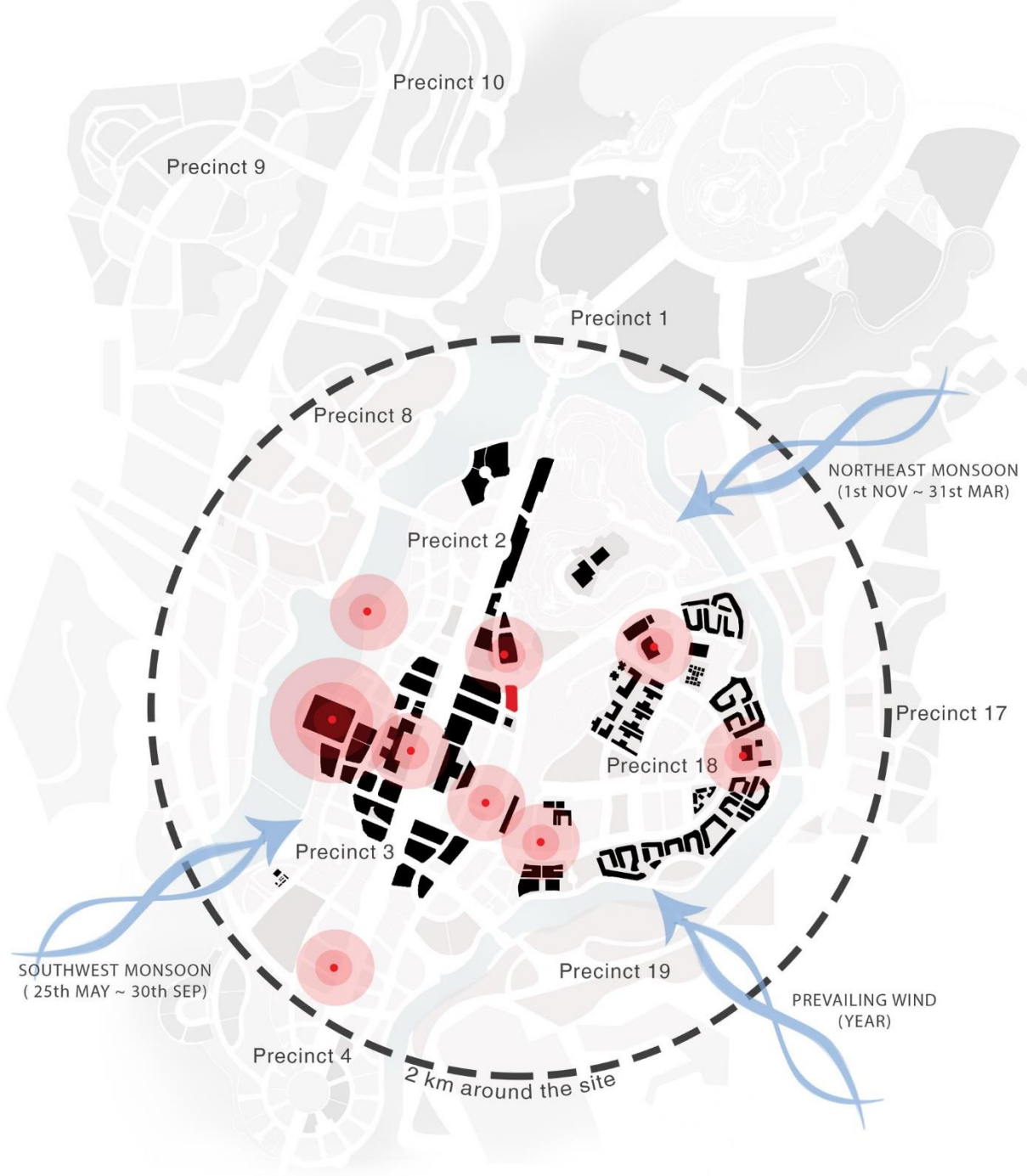
## Lot 2C14

Plot Area : 3,243.6sqm  
Plot GFA : 20,152.66sqm  
Plot ratio : 6.21

## Lot 2P2

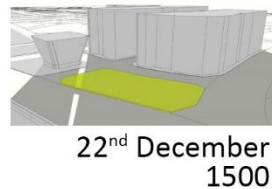
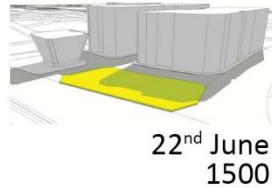
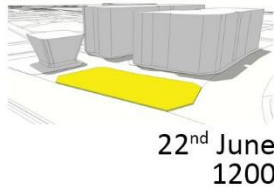
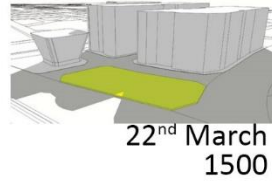
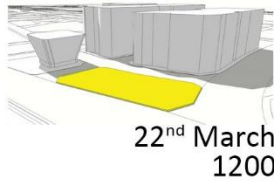
Plot Area : 3,001.65sqm  
Plot GFA : 600.00sqm  
Plot ratio : 0.20

Building Setback: 6.0m



# SUN ANALYSIS

\*shadows are shown in the most intense exposure of a year



# ISSUE

Facade exposed to hottest afternoon sun  
55% of the year ranging from:

J F M A M J J A S O N D

## Wind factor

Average Wind Velocity: 2.5 m/s

Maximum Wind Velocity: 3 m/s

The site has medium wind with no strongly dominant of wind direction.

# PROPOSAL OF PROGRAMMES

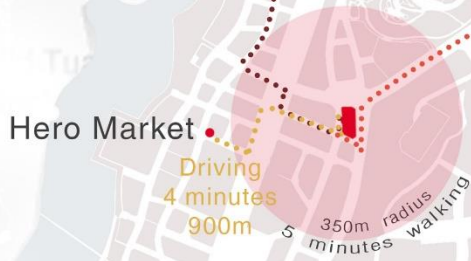


**MARKET  
COMPLEX**

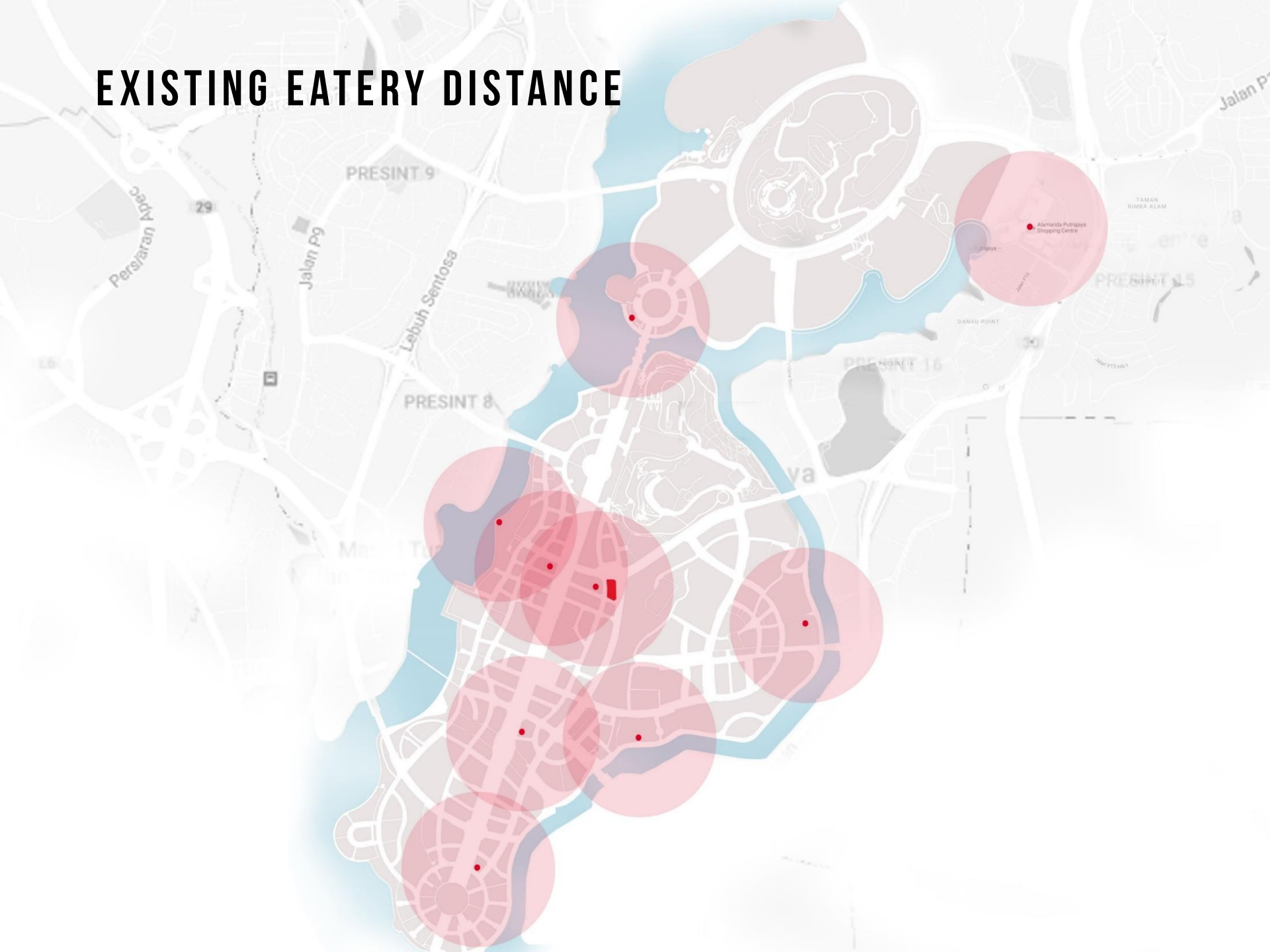


**CULTURAL  
CREATIVE  
COMMUNITY PARK**

# EXISTING MARKET DISTANCE



# EXISTING EATERY DISTANCE



# VISION

“The planning principles based on **SUSTAINABLE** development concept, implemented from the beginning of the city’s development, has set Putrajaya on a firm foundation to become Malaysia’s pioneer **GREEN CITY** in line with the Government’s aspiration.”

– Omairi Bin Hashim Director, City Planning Department

# MARKET ISSUE

**CLEANLINESS**

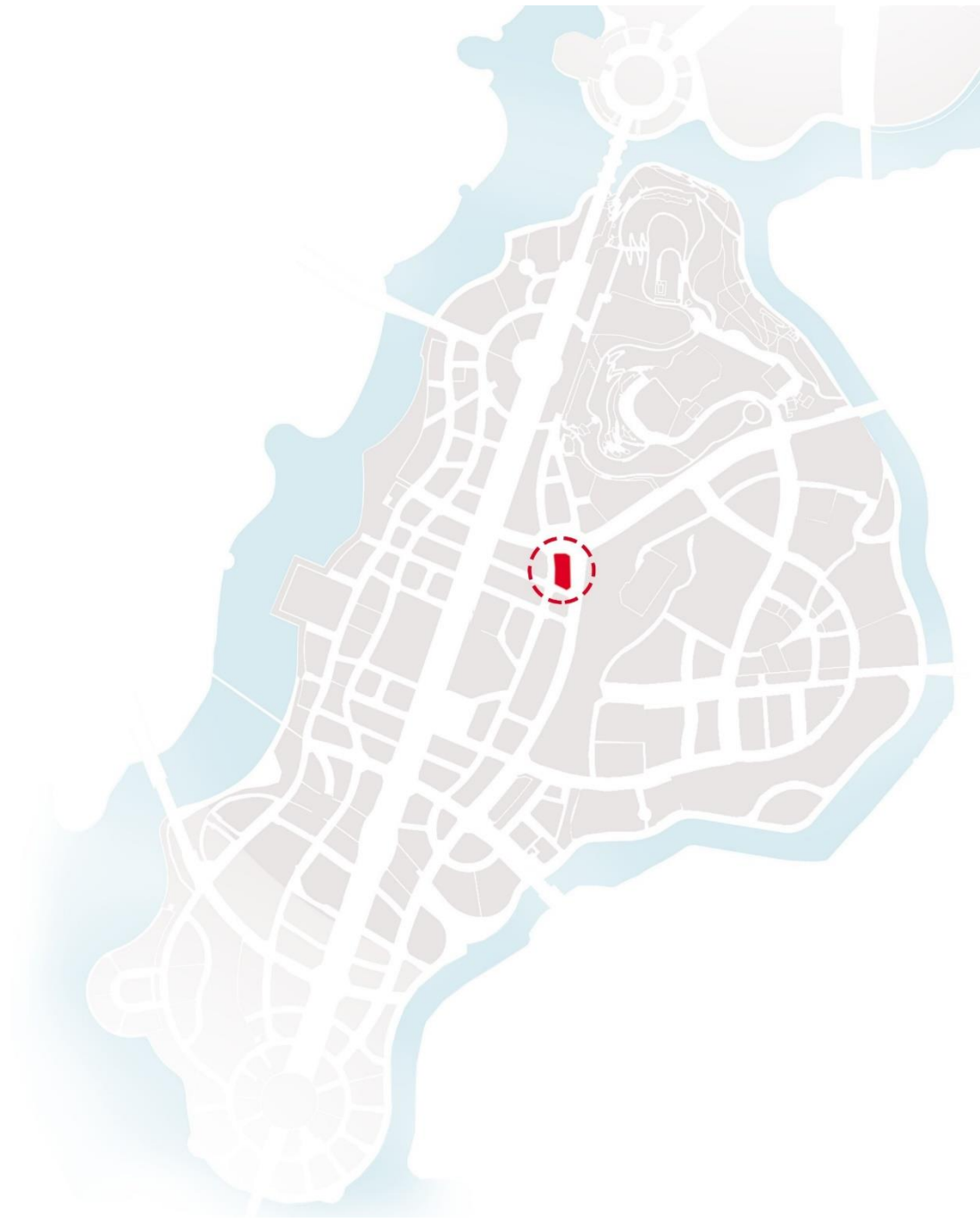
**WASTE**

# **WASTE-FREE MARKET**



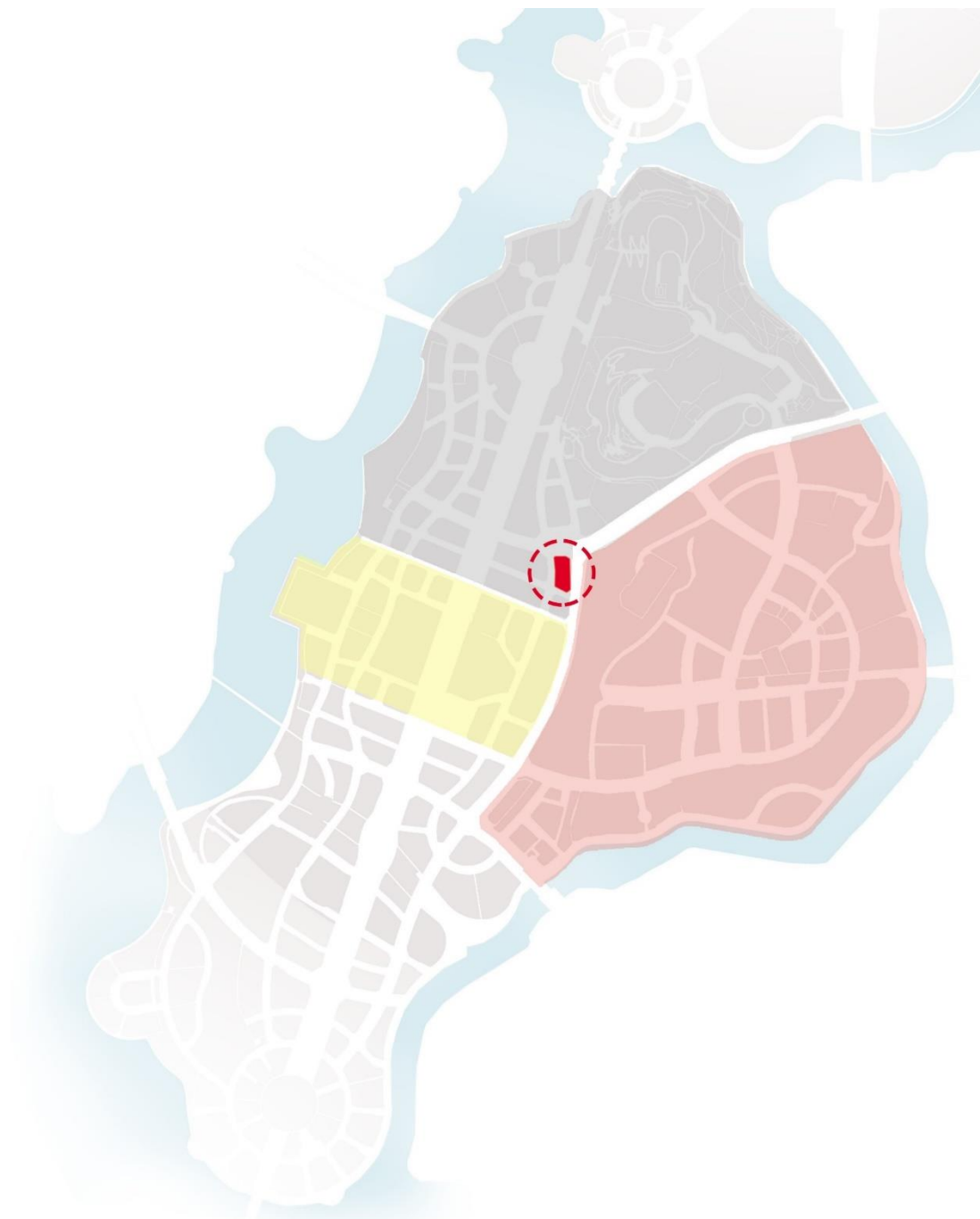
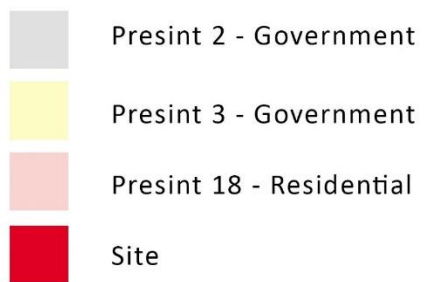
# STRENGTH

Central Point



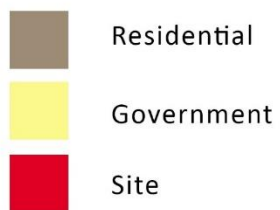
# STRENGTH

Central Point  
Neighbouring Context



# STRENGTH

Central Point  
Neighbouring Context  
Distance



- 3 min walking distance from nearest Government Area

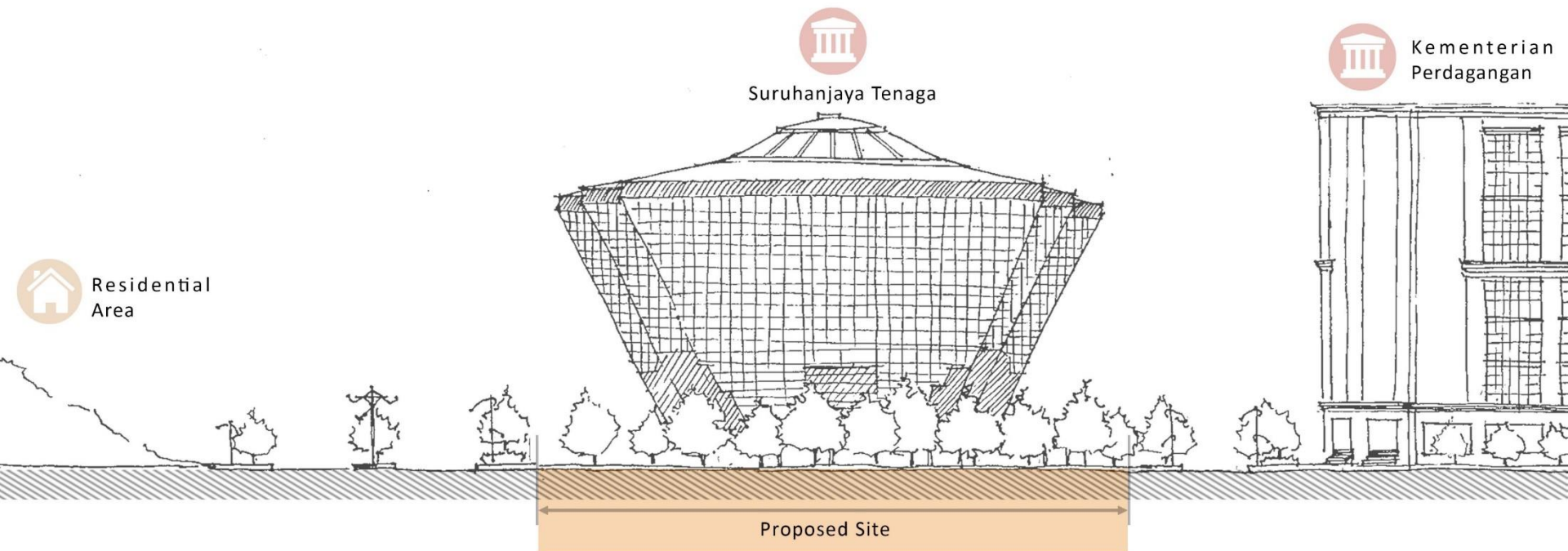
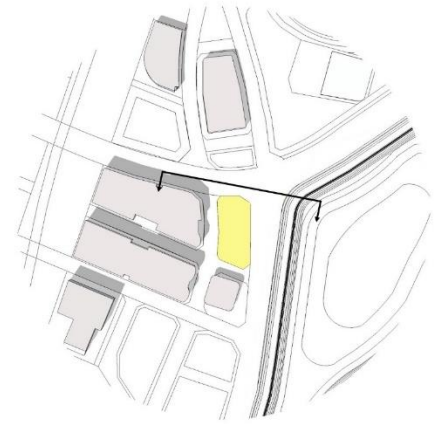
15 min 10 min 5 min

- 9 min walking distance from nearest Residential Area



# STRENGTH

Central Point  
Neighbouring Context  
Distance



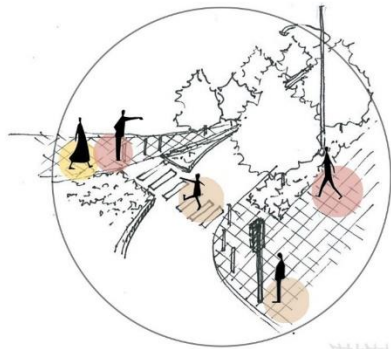
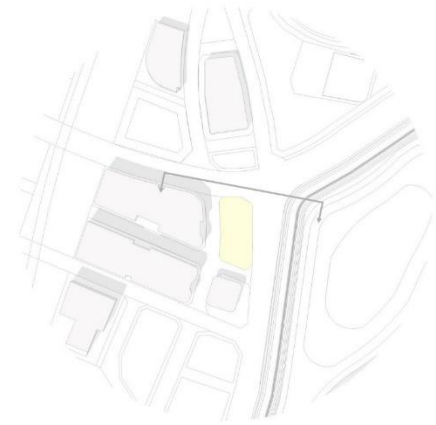
# STRENGTH

Central Point

Neighbouring Context

Distance

Proper Pedestrian Facilities



- Pedestrian Track
- Pedestrian Zebra Crossing
- Pedestrian Crossing Light
- Trees along pedestrain path



Suruhanjaya Tenaga



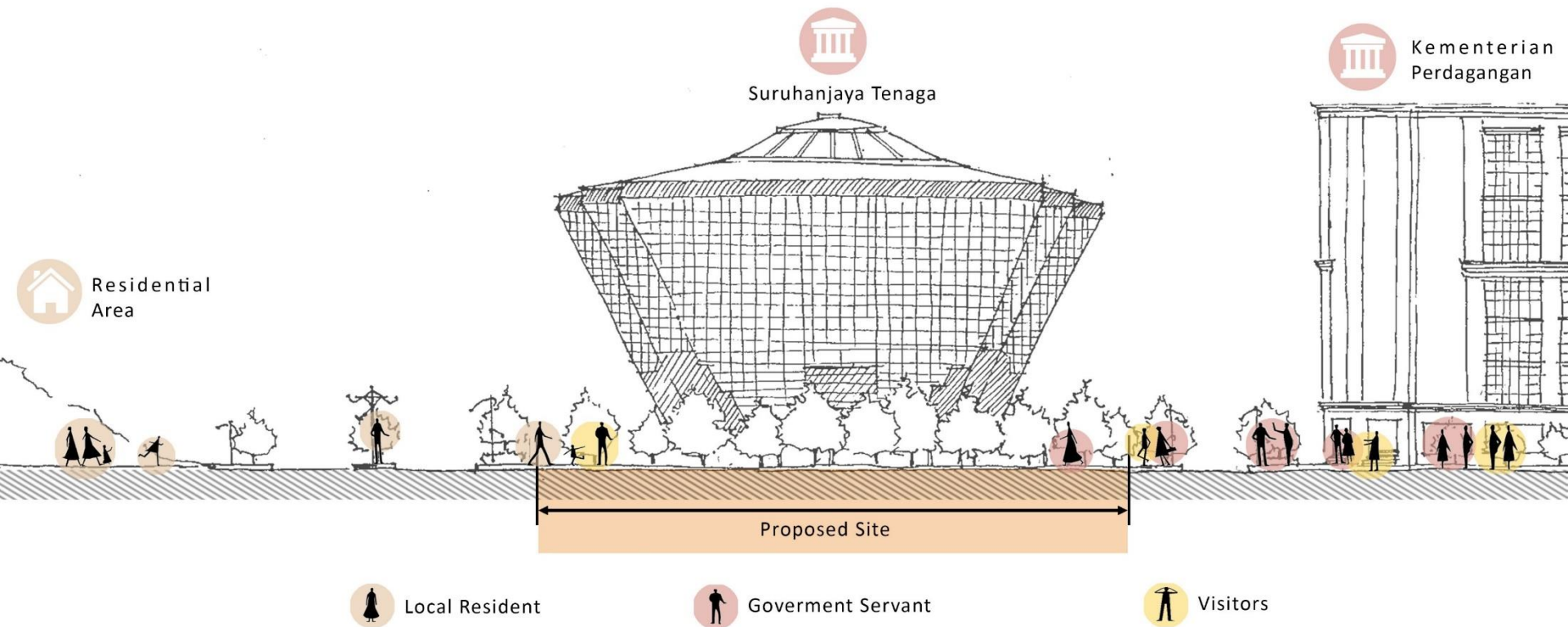
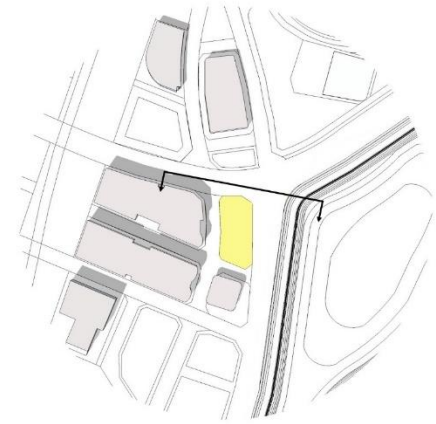
Kementerian  
Perdagangan



Proposed Site

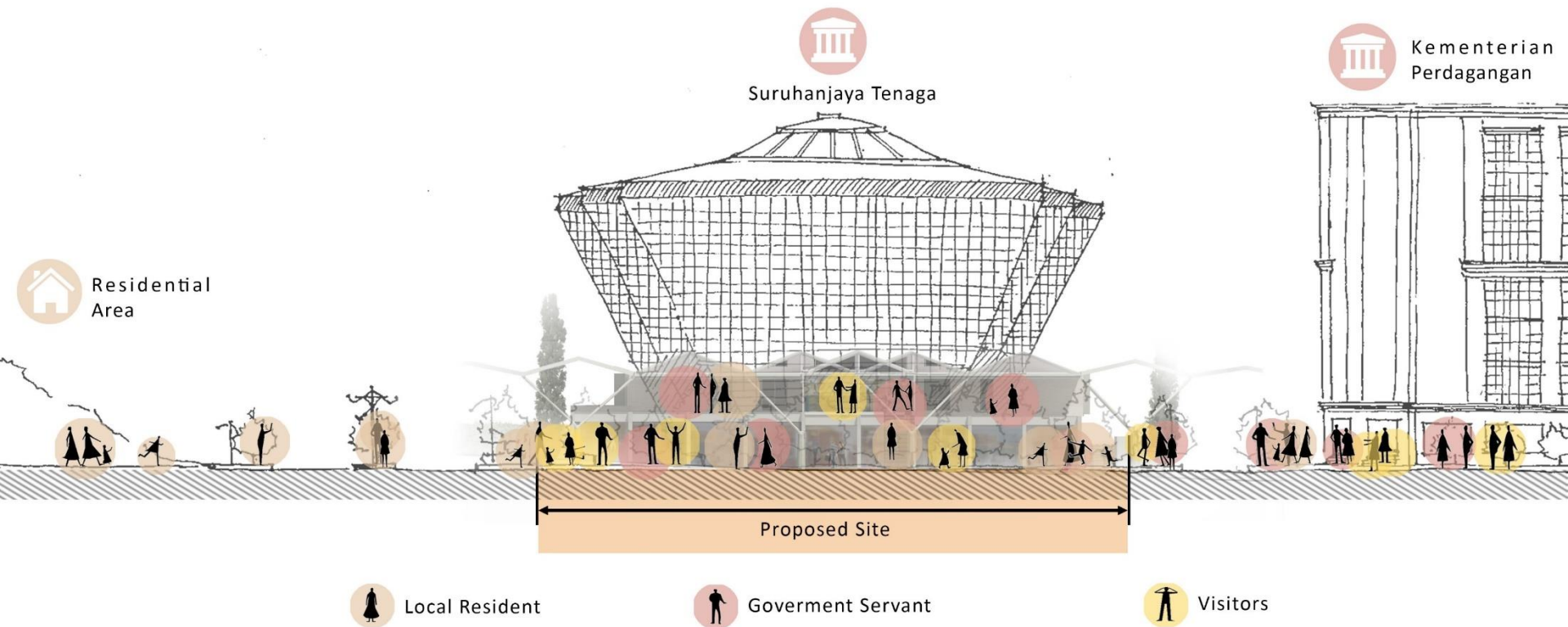
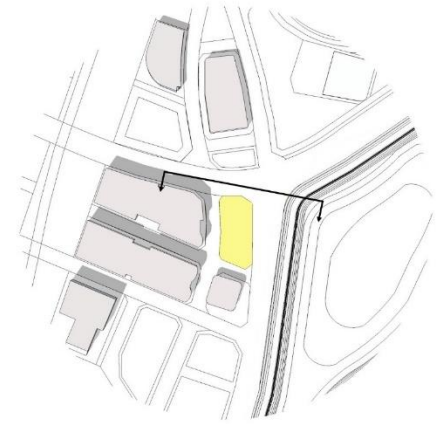
# STRENGTH

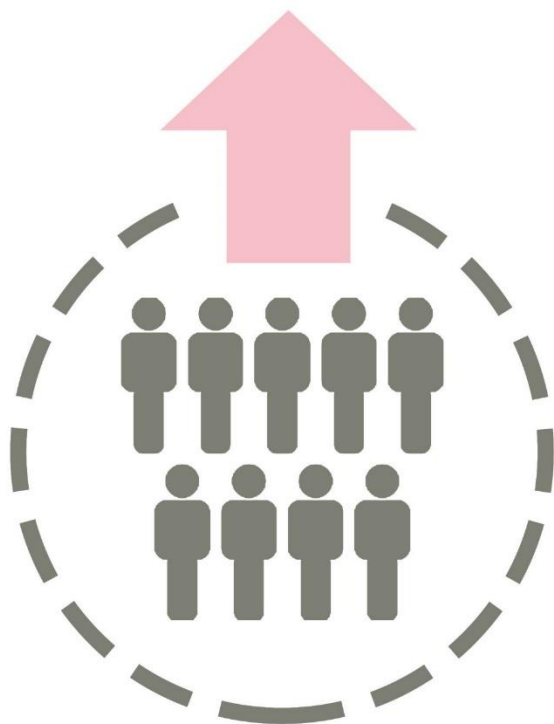
Central Point  
Neighbouring Context  
Distance  
Proper Pedestrian Facilities  
Variety of Users

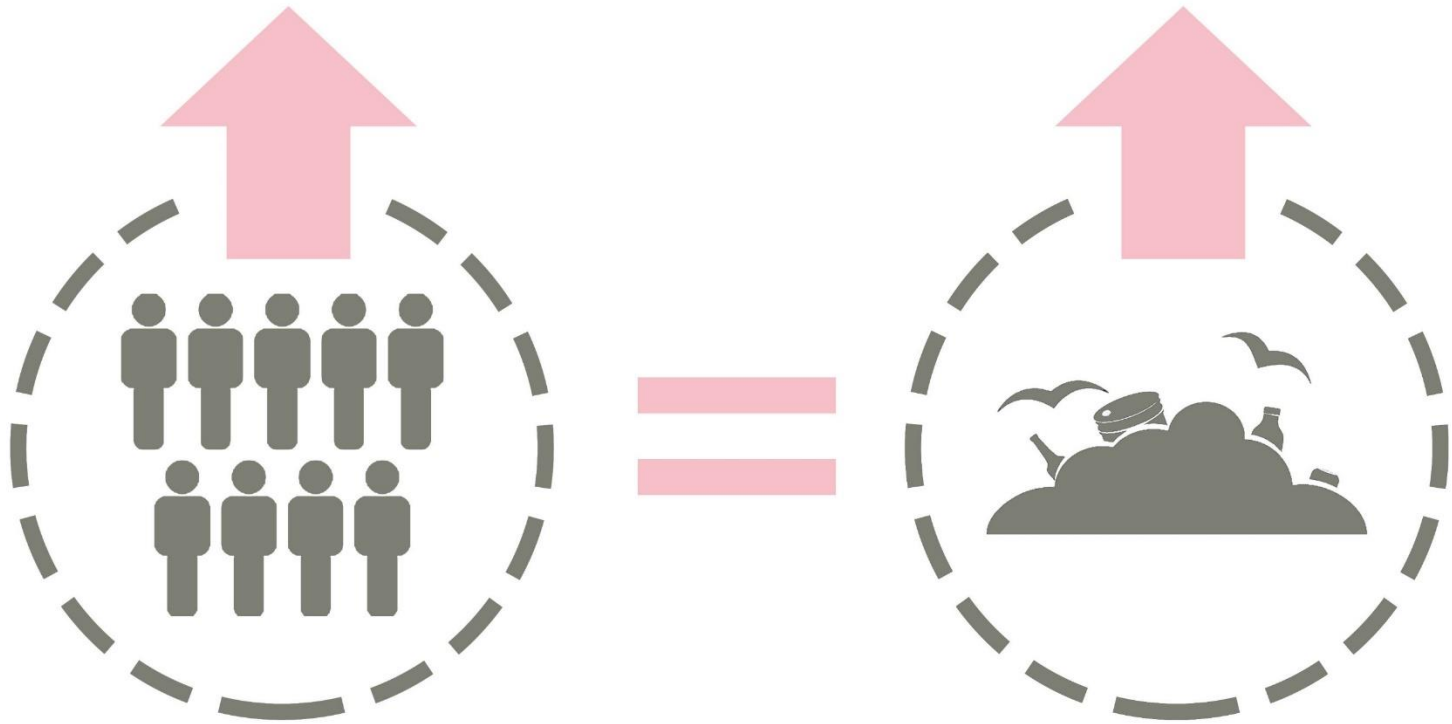


# STRENGTH

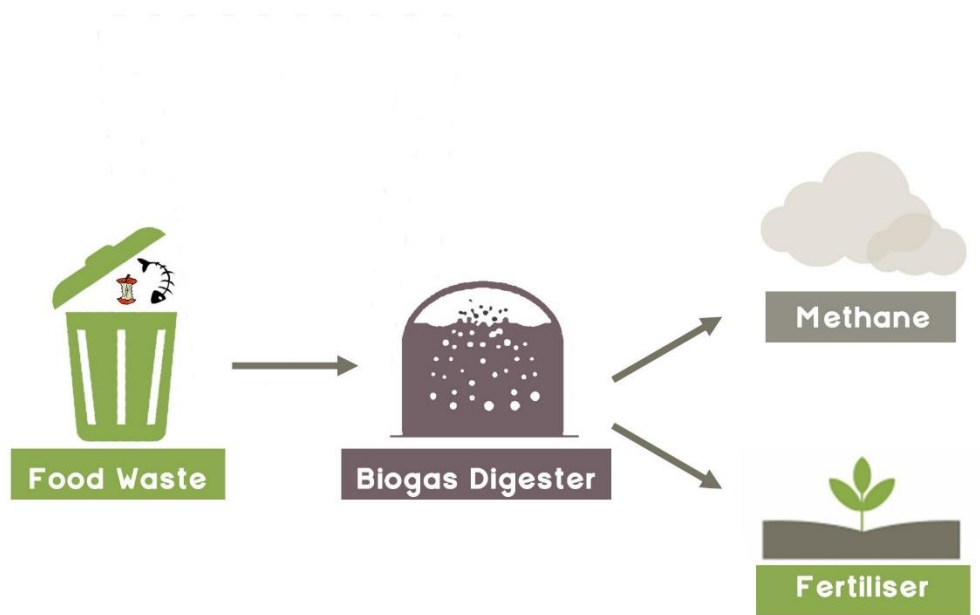
Central Point  
Neighbouring Context  
Distance  
Proper Pedestrian Facilities  
Variety of Users  
Engage Communities

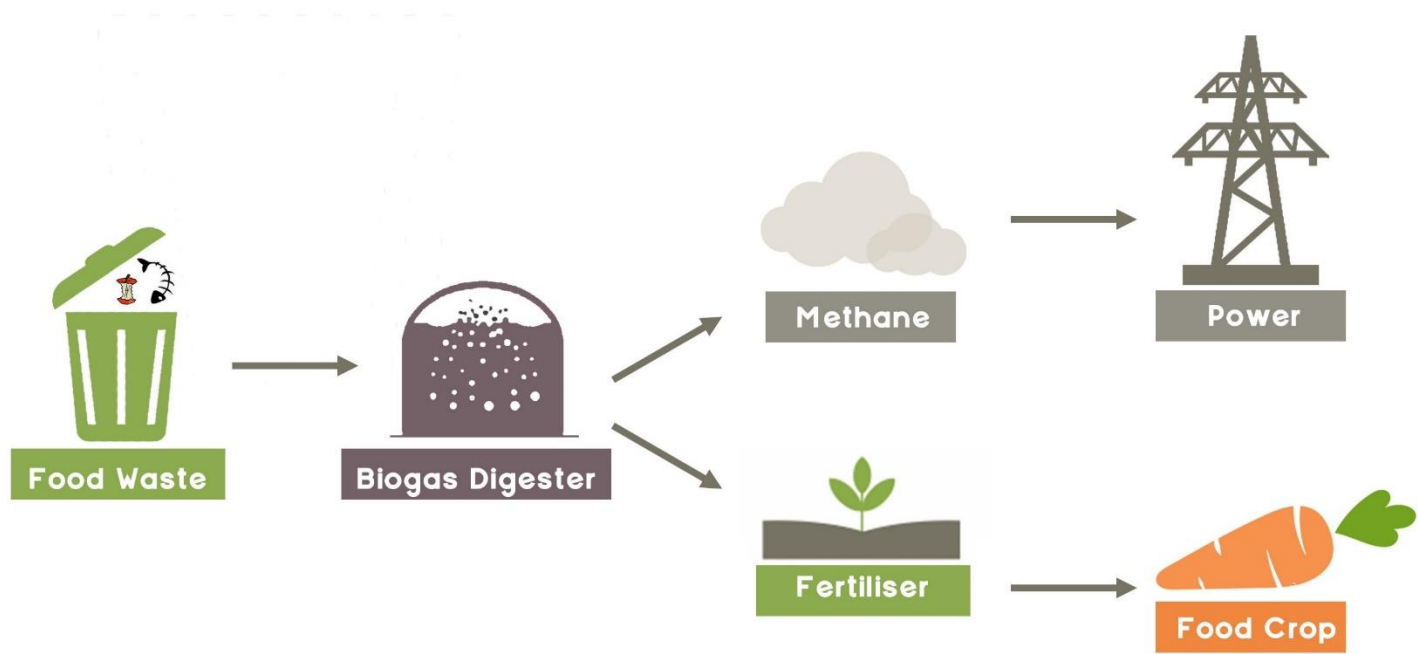


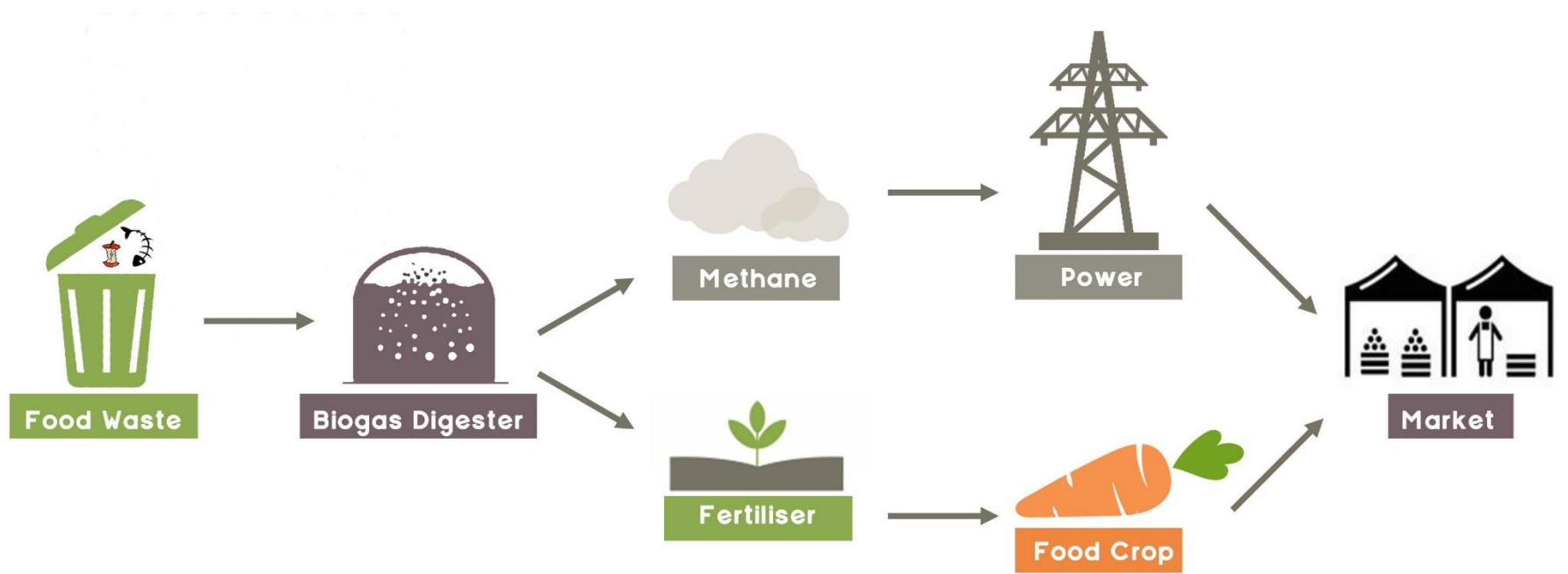


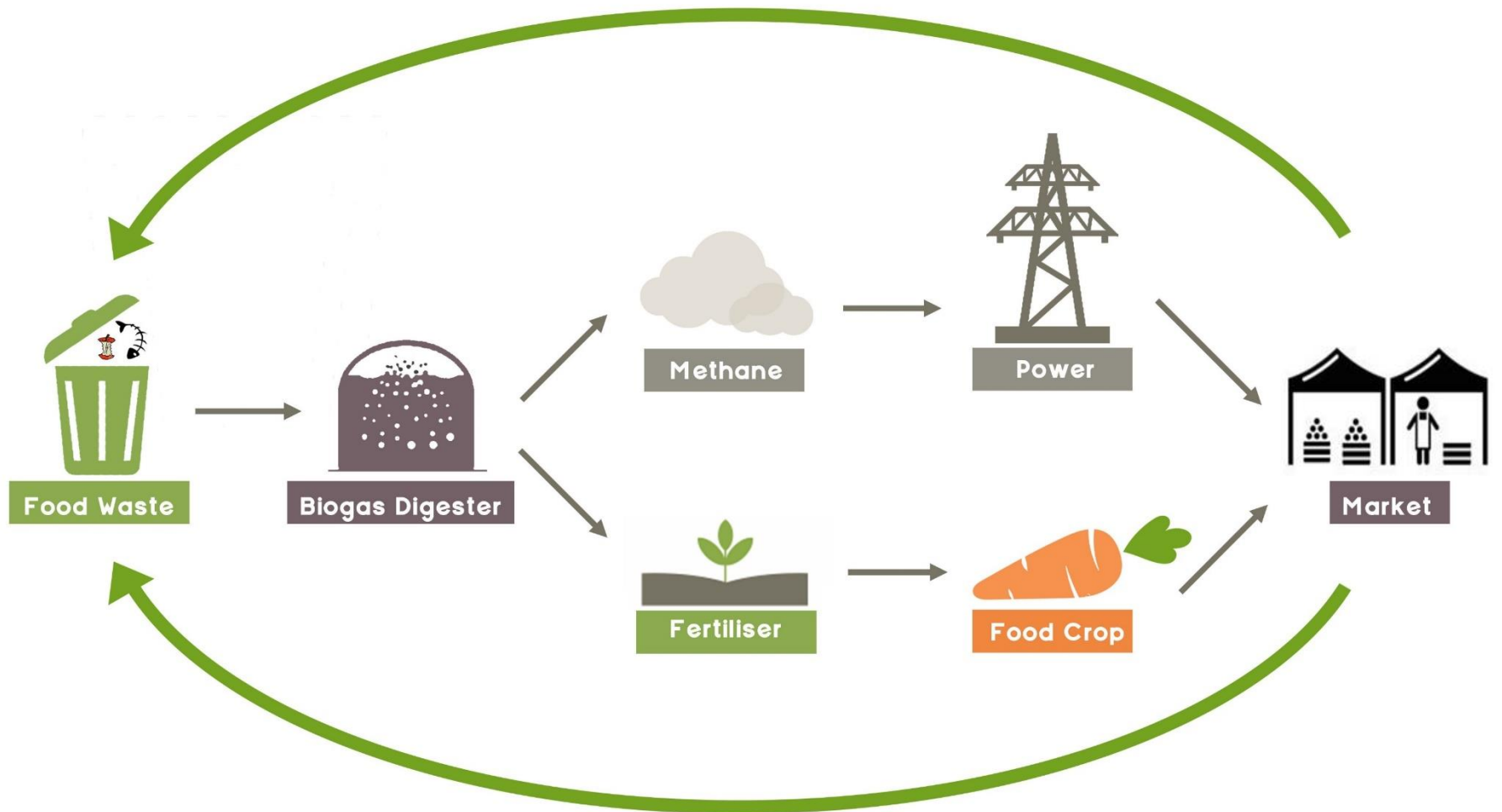




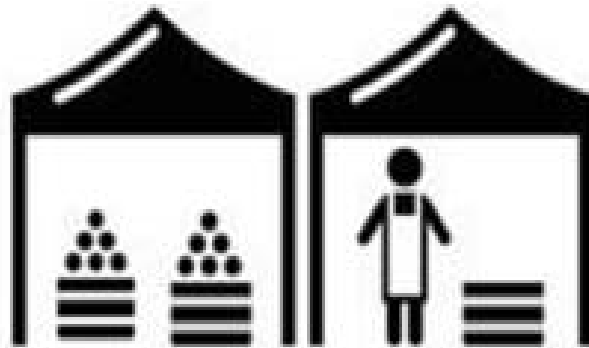




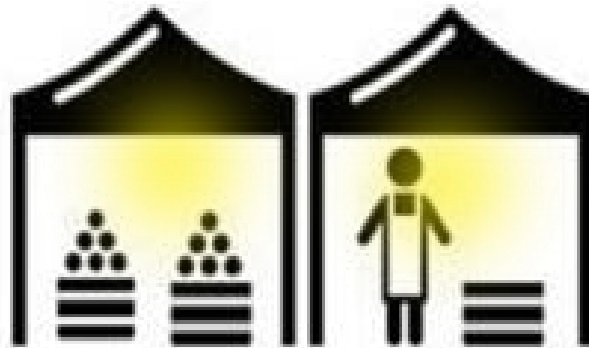




# WASTE FREE MARKET

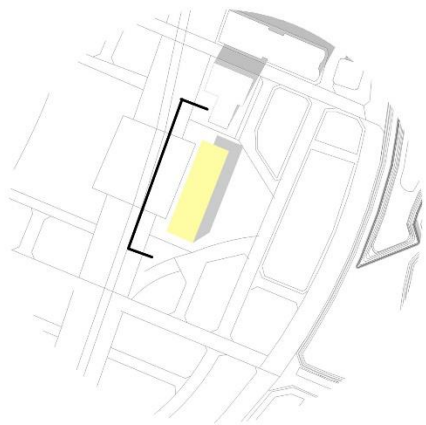


# WASTE FREE MARKET





**CULTURAL  
CREATIVE  
COMMUNITY PARK**



Skate  
Boarding



Roller  
Skating



Sightseeing



Photoshooting



Jogging



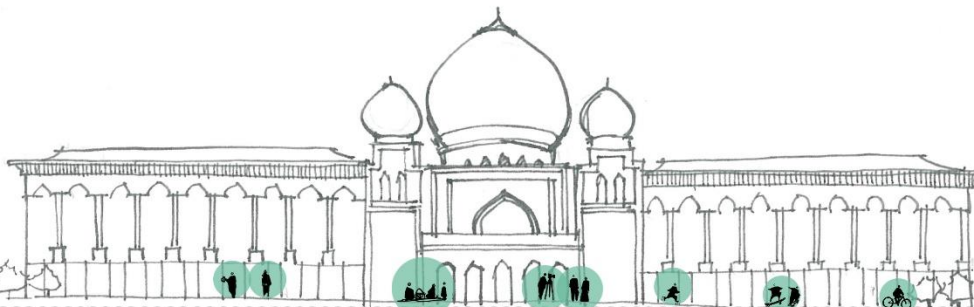
Picnic

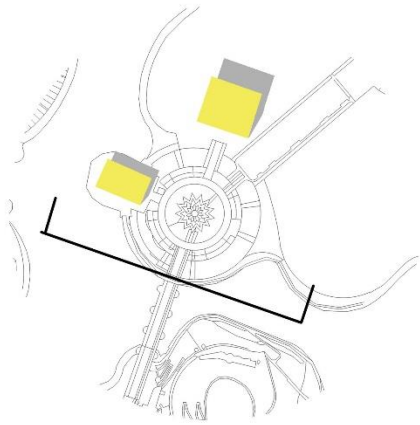


Cycling



Palace of Justice





Sightseeing  
Bicycle



Roller  
Skating



Eco- Ride



Photoshooting



Jogging



Picnic



Cycling



Sightseeing



Skate  
Boarding



Cruise  
Ride



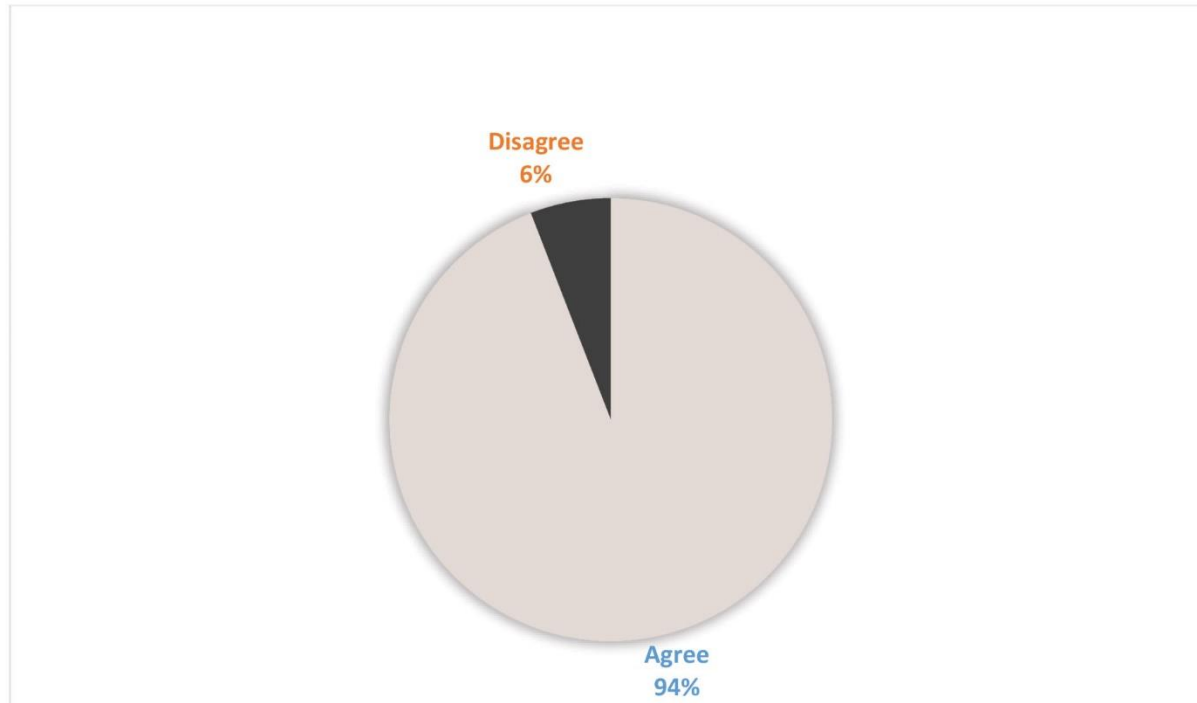
Prime Minister's Office



Masjid  
Putra

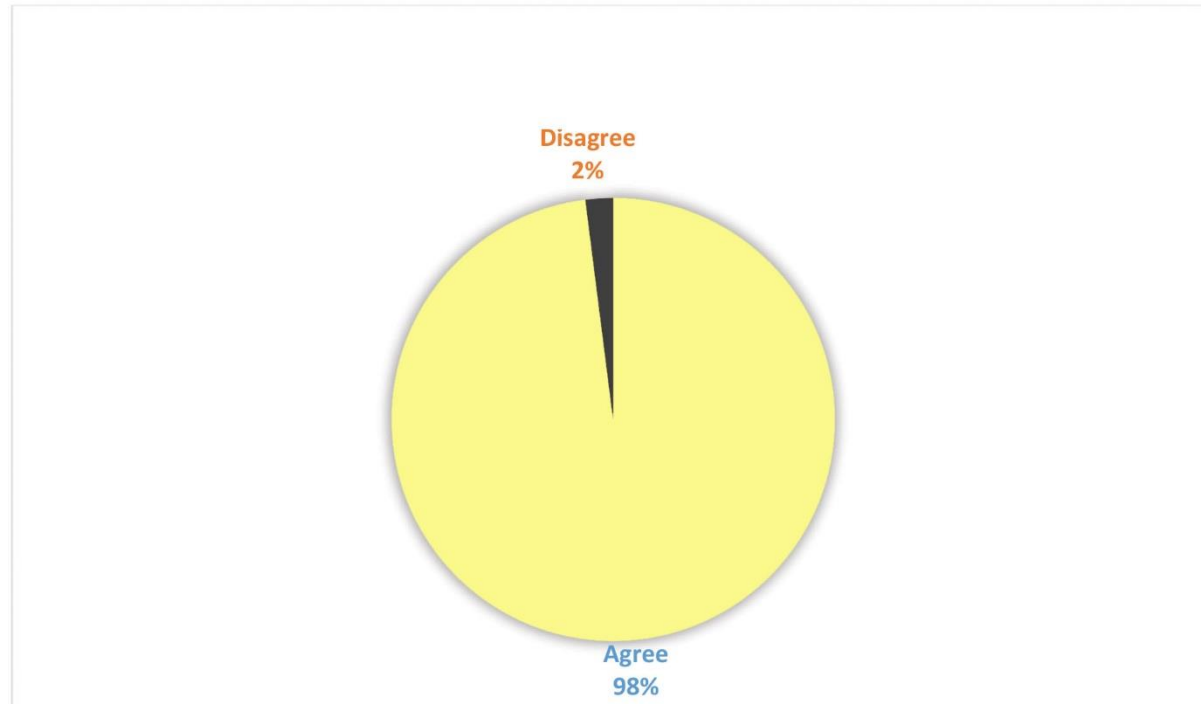


## Does Putrajaya need its own Cultural Centre for these Traditional games?

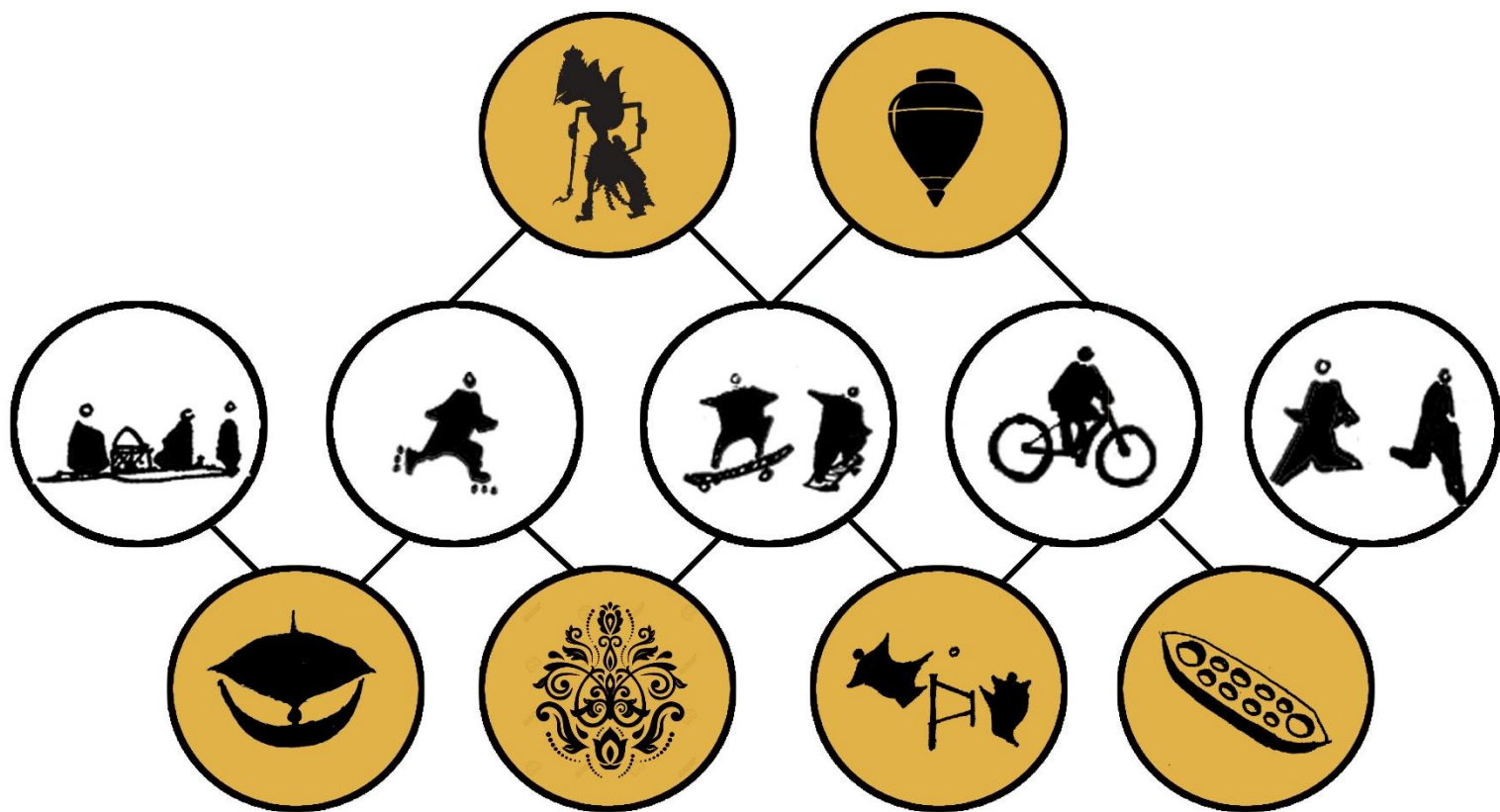


Based on survey  
data collection from  
50 participates

Is it important for the Putrajaya residents to have more exposure to traditional games?



Based on survey  
data collection from  
50 participates





**LEARNING  
CENTRE**

**ART & CRAFT  
STREET**

**PERFORMING  
ART THEATRE**

**COMMUNITY  
LOUNGE**