

Chapter 03
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3.1 Land Use Strategy

Land Use Strategy

It is expected to achieve 'The Conceptual Spatial Form' in the Capital City through the land use strategy. For this purpose, the Concept Plan has mainly recognized seven identical districts. On the other hand, the detailed analysis done on Capital City area has identified three main criteria namely, sensitive areas, special potential areas and livability characters and detailed out the Conceptual Plan with the intention of regulating, conserving and promoting harmless use. Thus, Capital City Development Plan performs not only as a development plan, but a key master guide for the molding of Capital City future improvement. In view of the three main criteria given above, land use is detailed to 12 zones instead of 7 zones identified in Concept Plan.

Since the Capital City Development Plan performs as a master plan, the expectations of it stretch beyond the norm. Hence, as the key initiatives, it is proposed to develop Nodes and Corridors within the next decade. Accordingly, four specially considered areas are identified, including, Center, Axis, Caring belt and Environmental Sensitive Areas (wetlands) to regulate the development and achieve the character of the proposed Capital City. Another reason is the majority of the public sense the area by moving along streets and parks. Hence, it is convenient to promote the identified main use of the zone along the Corridor or Node. Accordingly, the Node Place Analysis has been carried out to identify the future node development area as follow:

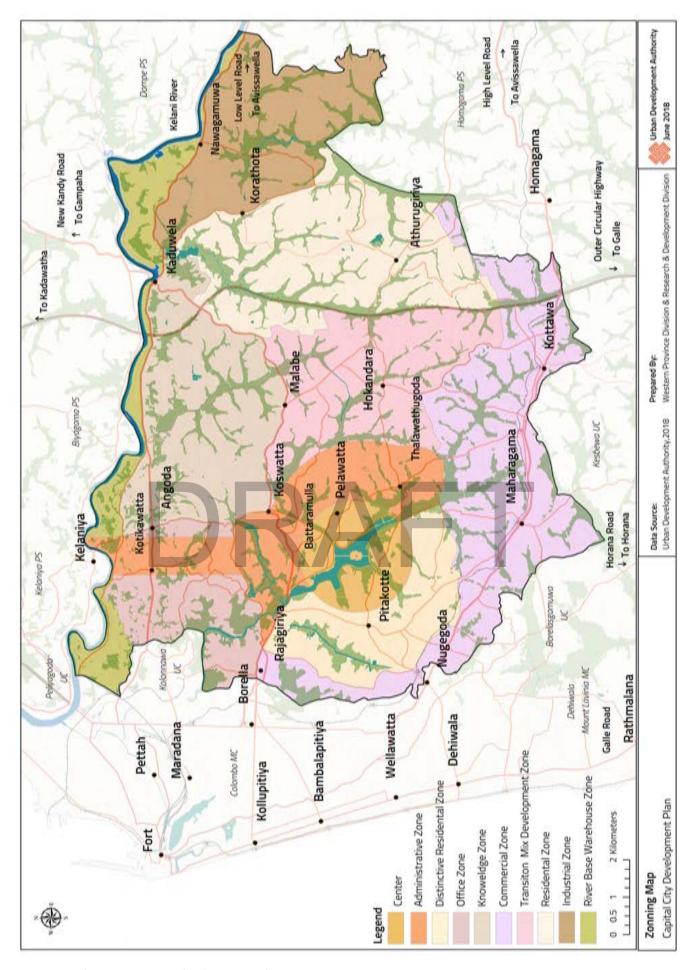
Criteria Considered in Organizing the Node Place Analysis

Node Place Analysis:

The Weighted Criteria Metrix is used to evaluate the value of a Node. It is used to evaluate Sub components based on specific evaluation criteria weighted by importance (Future 2030) using a brainstorming technique. Value of the node is decided based on following four criteria which include sub components.

- Node Diversity
- Node Intensity
- Place Diversity
- Place Intensity

The outcome of this analysis assists in understanding the existing hierarchy of the current nodes. The result is evaluated once more with another set of criteria to understand the future priority nodes of the planning area.



Map 3.1: Land Use Composition In The Planning Boundry
Source: Western Province Division and Research & Development Division, Uda. 2018

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Node Diversity:

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The Node Diversity is based on,

- Roads to be connected to the national road network
- Railroad connections
- Regional integration
- Broadband facilities for telecommunication

The result indicates that, Kottawa, Delkanda, Maharagama, Nugegoda, Battaramulla, and Kaduwela Nodes possess the highest node diversity.

		ļ	Node Diversity		
Node	Roads to be connected to the National Road Network	Regional Integration	Railroad Connections	Broadband facilities for Telecomm- unication	Total
Ambatale	12	3	2	5	22
Angoda	12	3	2	5	22
Arangala	8	3	2	5	18
Athurugiriya	20	9	2	5	36
Battaramulla	20	15	2	5	42
Bombiriya	12	3	2	5	22
Delkanda	16	15	10	5	46
Ethulkotte	12	12	2	5	31
Gothatuwa	8	3	2	5	18
Hokandara	20	9	2	5	36
Kaduwela	20	15	2	5	42
Kohilawatta	8	3	2	5	18
Korathota	8	3	2	5	18
Koswatta	16	15	2	5	38
Kotikawatta	16	3	2	5	26
kottawa	20	15	10	5	50
Maharagama	16	12	10	5	43
Malabe	12	9	2	5	28
Nawagamuwa	8	3	2	5	18
Nawala	8	9	2	5	24
Nugegoda	16	12	10	5	43
Pagoda	8	6	2	5	21
Pannipitiya	12	6	10	5	33
Pelawatta	16	9	2	5	32
Pitakotte	8	6	2	5	21

			Node Diversity		
Node	Roads to be connected to the National Road Network	Regional Integration	Railroad Connections	Broadband facilities for Telecomm- unication	Total
Rajagiriya	20	12	2	5	39
Thalahena	8	3	2	5	18
Thalapathpitiya	8	3	2	5	18
Thalawathugoda	16	12	2	5	35
Weliwita	8	3	2	5	18

Table 3.1 : Node Diversity Analysis

Source: Western Province Division and Research & Development Division, Uda 2018

Node Intensity:

Node Intensity is based on,

- Actual quantities of the flows
- Building density
- Frequency of departures of public transportation

According to the weighted value of above criteria, it is clear that Battaramulla, Rajagiriya, Nugegoda, Maharagama, Kottawa, and Koswatta Nodes hold the highest Node Intensity.

		Node Ir	ntensity	
Node	Frequency of Departures of Public Transportation	Building Density	Actual quantities of the Flows	Total
Ambatale	3	4	3	10
Angoda	6	6	3	15
Arangala	3	4	3	10
Athurugiriya	12	6	9	27
Battaramulla	15	10	15	40
Bombiriya	3	4	3	10
Delkanda	12	8	9	29
Ethulkotte	9	8	12	29
Gothatuwa	6	6	3	15
Hokandara	3	4	3	10
Kaduwela	12	6	9	27
Kohilawatta	3	6	3	12
Korathota	3	4	3	10
Koswatta	15	8	9	32

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		Node Ir	ntensity	
Node	Frequency of Departures of Public Transportation	Building Density	Actual quantities of the Flows	Total
Kotikawatta	3	8	9	20
kottawa	15	6	15	36
Maharagama	15	10	12	37
Malabe	9	6	12	27
Nawagamuwa	3	4	3	10
Nawala	6	6	9	21
Nugegoda	15	10	12	37
Pagoda	3	4	3	10
Pannipitiya	6	4	3	13
Pelawatta	9	6	9	24
Pitakotte	6	6	9	21
Rajagiriya	15	8	15	38
Thalahena	3	4	3	10
Thalapathpitiya	3	4	3	10
Thalawathugoda	9	6	9	24
Weliwita	3	4	3	10

Table 3.2 : Node Intensity Analysis

Source: Western Province Division and Research & Development Division, UDA 2018

Place Diversity:

Place diversity value is based on,

• Land Use Diversity -

Land Use Diversity (LUD) was measured by examining the spatial patterns and uses of land. The analysis shows that areas with a higher LUD are closer to main corridors while areas with lower LUD are located closer to residential areas.

• Services and other functions of inhabitants or firms -

The level and functionality of service was measured based on infrastructure availability and basic services of central functional buildings (administrative, international and unique endowment)

• Place in its veracity -

This was analyzed based on the particular city's dependency on other key cities.

• Innovativeness -

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Innovativeness was measured based on future potential cities that has capacity to create new spaces and societies with proposed development activities.

• Attractiveness as living and working environment-

Attractiveness as a living and working environment was measured through city attractiveness to investments and tourist destinations etc.

The results indicate that the highest diversity exists in Battaramulla, Maharagama, Nugegoda and Rajagiriya.

			Place Di	versity		
Node	Land use	Services and other functions of inhabitants or firms.	Place in its veracity	Innovation	Attract as living and working environ- ment	Total
Ambatale	10	8	2	2	9	31
Angoda	10	12	4	2	9	37
Arangala	10	8	4	2	6	30
Athurugiriya	15	16	8	6	12	57
Battaramulla	25	20	8	8	12	73
Bombiriya	10	8	2	2	9	31
Delkanda	15	8	4	6	9	42
Ethulkotte	15	12	6	4	9	46
Gothatuwa	10	8	2	4	6	30
Hokandara	10	8	8	4	6	36
Kaduwela	15	12	8	6	12	53
Kohilawatta	10	8	2	4	6	30
Korathota	10	8	6	4	6	34
Koswatta	15	16	8	8	12	59
Kotikawatta	10	12	4	6	9	41
kottawa	15	16	8	8	12	59
Maharagama	20	16	8	8	12	64
Malabe	15	12	8	6	12	53
Nawagamuwa	10	8	2	4	6	30
Nawala	15	12	8	6	9	50
Nugegoda	20	16	8	8	12	64
Pagoda	10	8	6	4	6	34
Pannipitiya	10	8	6	4	6	34
Pelawatta	15	16	8	6	9	54



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			Place Div	versity		
Node	Land use	Services and other functions of inhabitants or firms.	Place in its veracity	Innovation	Attract as living and working environ- ment	Total
Pitakotte	10	12	8	6	9	45
Rajagiriya	20	16	8	8	12	64
Thalahena	5	8	6	4	6	29
Thalapathpitiya	5	8	6	4	6	29
Thalawathugoda	15	12	8	6	9	50
Weliwita	10	8	2	4	6	30

Table 3.3: Place Diversity Analysis

Source: Western Province Division and Research & Development Division, Uda 2018

Place Intensity:

Place Intensity value is based on,



- Quantity of activities (No of different activities that occur in a planning space)
- Rates of employment (Source: Census and Statistics Data 2017 / Sampath Pathika2017)
- Population density

Accordingly, the highest place intensity is held by Koswatta, Nugegoda, Rajagiriya, Kottawa, Maharagma and Battaramulla areas.

		Place Ir	ntensity	
Name	quantity of activities	Rates of employments	Population density	Total
Ambatale	9	12	4	25
Angoda	9	12	6	27
Arangala	6	8	6	20
Athurugiriya	9	16	6	31
Battaramulla	12	20	6	38
Bombiriya	6	8	2	16
Delkanda	6	12	8	26
Ethulkotte	9	8	6	23
Gothatuwa	6	8	6	20
Hokandara	6	8	6	20
Kaduwela	12	16	6	34
Kohilawatta	9	8	6	23

Place Intensity Name quantity of Rates of Population Total activities employments density Korathota Koswatta Kotikawatta kottawa Maharagama Malabe Nawagamuwa Nawala Nugegoda Pagoda Pannipitiya Pelawatta Pitakotte Rajagiriya Thalahena 6 | Thalapathpitiya Thalawathugoda Weliwita

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Table 3.4 : Place Intensity Analysis

Source: Western Province Division and Research & Development Division, Uda 2018

Finally, the separately weighted values are combined and calculated to result the level of the Node as below. As for the results, Battaramulla is the Level One Node of the planning area.

Node	Node Analysis		Place Analysis		Level of Node
Ambatale	22	10	31	25	88
Angoda	22	15	37	27	101
Arangala	18	10	30	20	78
Athurugiriya	36	27	57	31	151
Battaramulla	42	40	73	38	193
Bombiriya	22	10	31	16	79
Delkanda	46	29	42	26	143
Ethulkotte	31	29	46	23	129
Gothatuwa	18	15	30	20	83
Hokandara	36	10	36	20	102
Kaduwela	42	27	53	34	156



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Node	Node Analysis		Place Analysis		Level of Node
Kohilawatta	18	12	30	23	83
Korathota	18	10	34	16	78
Koswatta	38	32	59	40	169
Kotikawatta	26	20	41	25	112
kottawa	50	36	59	38	183
Maharagama	43	37	64	38	182
Malabe	28	27	53	31	139
Nawagamuwa	18	10	30	20	78
Nawala	24	21	50	33	128
Nugegoda	43	37	64	40	184
Pagoda	21	10	34	26	91
Pannipitiya	33	13	34	22	102
Pelawatta	32	24	54	31	141
Pitakotte	21	21	45	27	114
Rajagiriya	39	38	64	40	181
Thalahena	18	10	29	20	77
Thalapathpitiya	18	10	29	20	77
Thalawathugoda	35	24	50	31	140
Weliwita	18	10	30	13	71

Table 3.5 : Summary Table Of Node Place Analysis

Source : Western Province Division and Research & Development Division, Uda 2018

As the next step, the recognized nodes were weighted considering the future scenario to understand the difference of hierarchy of nodes in the current situation.

Name	Administrative	Commercial	Residential	Development Pressure	Sensitivity Analysis	Land Value	Vertical Density	Horizontal Density	Land Availability	Land Uses Change %	Total
Ambatale	1	2	7	2	2	9	12	15	12	14	70
Angoda	2	3	7	3	4	6	16	15	18	14	88
Arangala	1	1	7	2	8	9	8	15	18	14	77
Athurugiriya	2	3	7	3	9	6	12	15	24	21	66
Battaramulla	4	7	3	7	4	12	16	10	12	21	06
Bombiriya	1	2	7	1	4	3	8	10	18	14	65
Delkanda	1	3	3	3	8	6	16	20	18	21	102
Ethulkotte	2	2	7	3	9	6	12	15	9	14	73
Gothatuwa	1	2	3	2	7	9	12	15	18	14	77
Hokandara	1	3	5	3	9	12	16	20	18	14	98
Kaduwela	1	4	7	3	4	6	16	20	18	21	100
Kohilawatta	1	4	7	7	4	9	8	10	18	14	29
Korathota	1	2	3	2	4	9	8	20	28	14	84
Koswatta	5	2	3	5	10	12	20	25	18	28	130
Kotikawatta	1	7	3	7	9	6	16	20	18	21	102
kottawa	1	3	4	5	8	15	20	25	18	28	129
Maharagama	2	5	7	3	8	12	20	20	24	14	120
Malabe	2	5	7	7	10	12	16	20	24	14	109
Nawagamuwa	1	3	4	2	4	9	8	15	24	14	79
Nawala	2	2	3	7	9	12	16	20	12	21	66
Nugegoda	1	3	3	5	8	12	20	20	18	28	121
Pagoda	_	5	7	3	8	6	16	20	12	21	88
Pannipitiya	1	2	3	3	8	6	8	20	12	21	89
Pelawatta	3	3	7	7	4	12	8	15	12	21	85
Pitakotte	2	2	3	3	80	6	12	20	12	14	85
Rajagiriya	2	7	3	7	8	15	20	25	12	28	122
Thalahena	_	33	7	3	9	6	12	15	18	7	78
Thalapathpitiya	_	1	7	2	9	12	12	20	18	7	83
Thalawathugoda	3	7	3	7	8	12	16	20	18	14	102
Weliwita	1	2	3	2	2	9	œ	10	24	7	65

 Table 3.6: Weighted Overlay Node Place Analysis

 Source: Western Province Division and Research & Development Division, Uda 2018

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The final result is as below,

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Proposed Nodes

1st priority nodes

- Koswatta (will merge with Battaramulla)
- Kottawa (will merge with Makubura)
- Nugegoda

2nd priority nodes

- Maharagama
- Rajagiriya

3rd priority nodes

- Kaduwela
- Malabe
- Kotikawatta
- Thalawathugoda

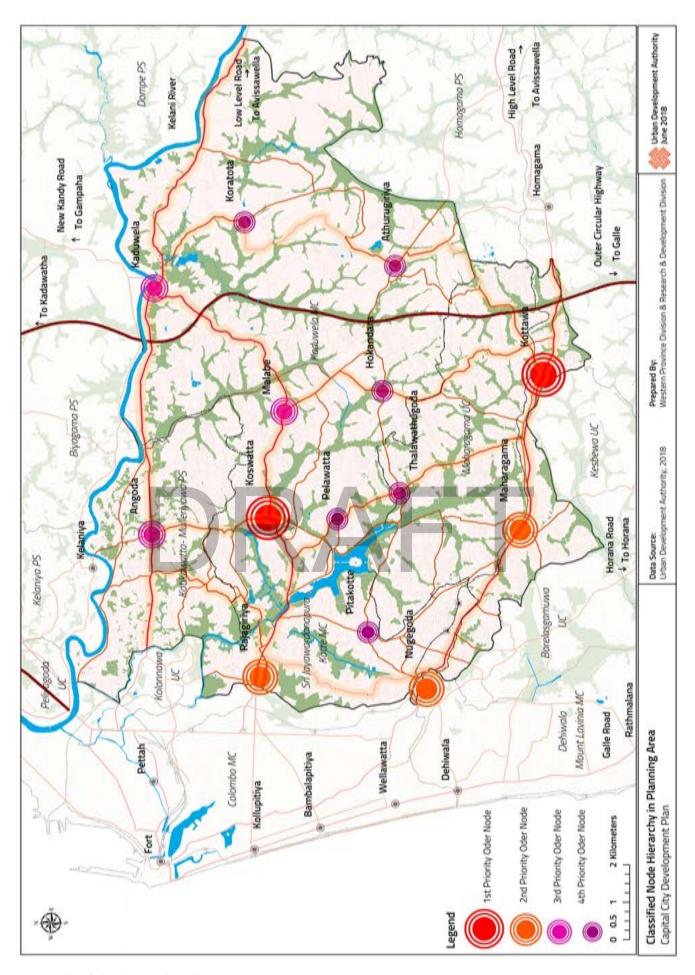
4th priority nodes

- Athurugiriya
- Hokandara
- Korathota
- Palawatta
- Pitakotte

Further, the analysis indicates the following nodes as main nodes of the area which focus on future development.

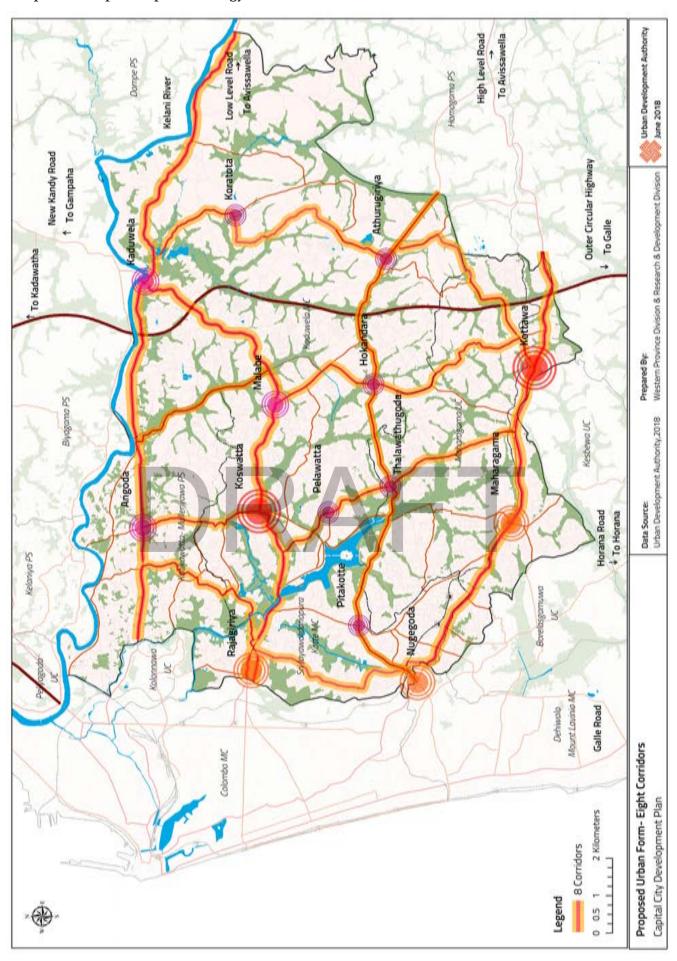
- Primary Nodes Higher order Service Centers
- Secondary Nodes Town Centers
- Tertiary Nodes Neighborhood Centers
- Peripheral Nodes Precinct Centers

Further, eight main corridors are identified. The above identified nodes are to release the pressure of the node along those corridors. The below map indicates the irregular shape grid network created by the mentioned strategy,



Map 3.2: Classified Node Hierarchy In Planning Area
Source: Western Province Division and Research & Development Division, Uda. 2018

Map 3.3: Map Of Proposed Eight Corridors
Source: Western Province Division and Research & Development Division, Uda. 2018



Nap 3.4: Proposed Composite Spatial Strategy For Next Ten Years (2020-2030)

Source: Western Province Division and Research & Development Division, Uda. 2018

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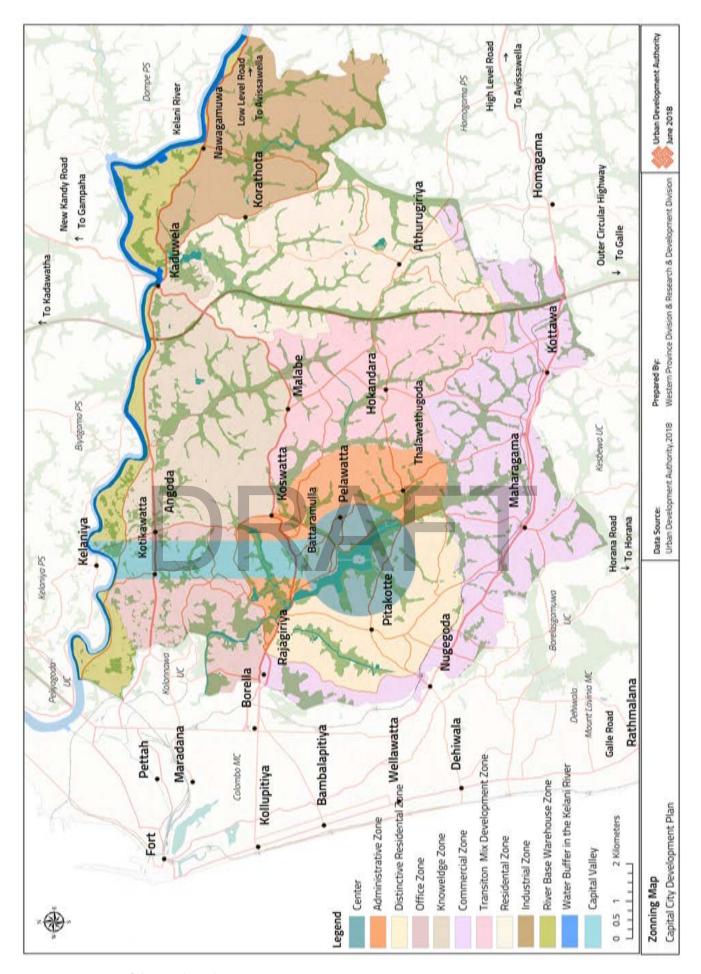
The diagram indicates that;

- 1. Koswatta, Kottawa and Nugegoda shall be Priority Nodes (Higher Order)
- 2. Rajagiriya, Malabe, Maharagama, Kaduwela and Angoda shall be Secondary Nodes (Town Centers)
- 3. Pita Kotte, Thalawathugoda, Pelawatta, Hokandara, Athurugiriya, Korathota shall be Tertiary Nodes (Neighbourhood Centers)

Battaramulla, Ethul Kotte, Nawala, Kalapaluwawa, Thalahena, Weliwita and Kotikawatta are missing. They shall be indicated along with the above as Tertiary Nodes.

As a result of density development in proposed corridors and nodes, it is assumed the space demand for the remaining areas of identified zones would rise. Hence, it is proposed to develop the identified corridors within zones. The corridor development is projected to create more densities which would lead to mini zones. On the other hand, the remaining areas would develop as the third stage of proposed land use along with the development of all corridors, nodes and mini zones.

To achieve the above Zoning Plan, following floor spaces in different land uses and population in residential and commuter categories are expected.



Map 3.5 : Zoning Map Of The Capital City Plan

Source : Western Province Division and Research & Development Division, Uda. 2018

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Projection of Population, Floor Space and Commuter

> Proposed Population Projection for the Capital City

3.2 Projection of Population, Floor Space and Commuter

3.2.1 Proposed Population Projection for the Capital City

Considerations:

- The center with low population -It is proposed to develop a center in the area with concern to accentuate 'The Sovereign Power of Control of Sri Lanka'.
- Inner and Outer city area with moderate density -It is proposed to encourage economic and administrative uses within the Inner City and Outer City areas exclusive of Executive Residence area.
- Periphery with high density -It is proposed to encourage the residential population in the Periphery Area

Assumptions:

- The population growth of the Center is predicted based on the lowest positive growth rate (0.011) recorded in the area. Currently, all GNDs excluding one GND in the Center area represent a negative growth rate.
- Inner and Outer city population growth rate is predicted based on a 10% rise to the current growth rate of GNDs in the area. (Average Proposed Growth Rate is 0.019)
- The Executive Residential Zone is encouraged to be used for residential purposes. Therefore, the population prediction is based on the highest positive average growth rate of the area (0.01). The reason behind this growth rate adoption is, the negative growth rate indicated by the GNDs as well as the Center.
- The Transition Zone encourages residential population in its area. However, compared to the existing moderate population densities of the area, the predicted population growth rate is 0.04. This value is recorded as the highest growth rate.
- Periphery of the Capital City encourages a high population density to the area. Therefore, population of the area is predicted based on the highest growth rate. (0.04)
- According to the selected growth rate, average growth rate of the area is expected to be 0.025 while natural average growth rate of area is 0.003.

Limitations:

The proposed growth rates for different zones are based on planned developments proposed by the Capital City Plan. According to the Implementation Plan of the Capital City, it is assumed a period of 30 years would be taken approximately to complete all projects proposed by the plan. Therefore, in order to achieve the projected population, it approximately requires 30 years with the growth rate of 0.01.

Zone	Population 2018	Population based on Business as Usual scenario	Population based on Projects Based scenario	Difference between Existing and Predicted Population	Difference between Business as Usual and Proposed Growth rate
Center	39,000	37,000	43,000	4,000	6,500
Inner and Outer City	637,000	1,140,000	1,298,000	661,000	158,000
Periphery	137,000	186,000	204,000	67,000	18,500
Total Area	774,000	1,362,000	1,546,000	772,000	184,000

Table 3.7: Population Projection For The Capital City

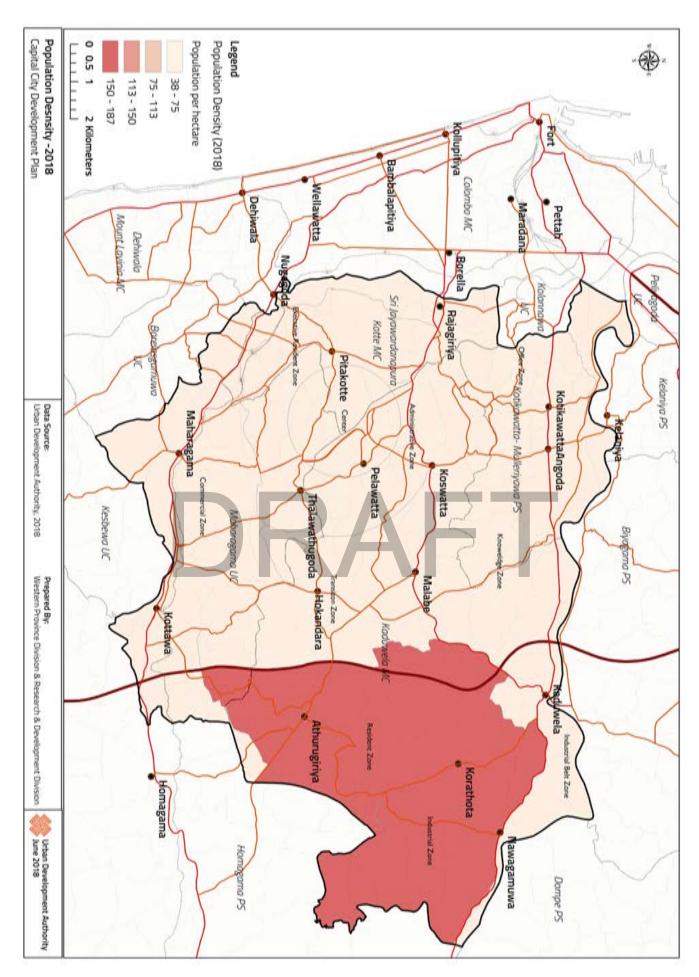
Source: Western Province Division and Research & Development Division, Uda 2018

'The Existing Population Density of Capital City' (Map 42) map even now depicts the highest population density in the Periphery as expected in the plan, while other areas hold a low density. Further, the maps 'Business as Usual Scenario' (Map 43) and 'Project Based Scenario' (Map 44) elaborate how population density varies. Accordingly, the 'Project Based Scenario' achieves a higher population density in areas where the Capital City Development Plan promotes residential developments compared to the 'Business as Usual Scenario' and supports the overall plan and concept.

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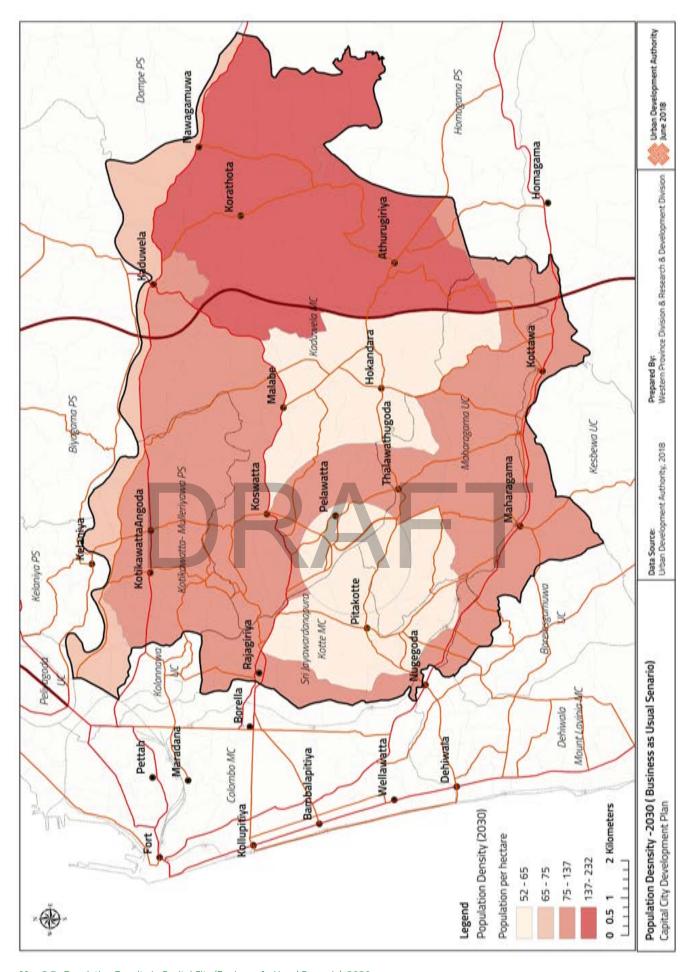
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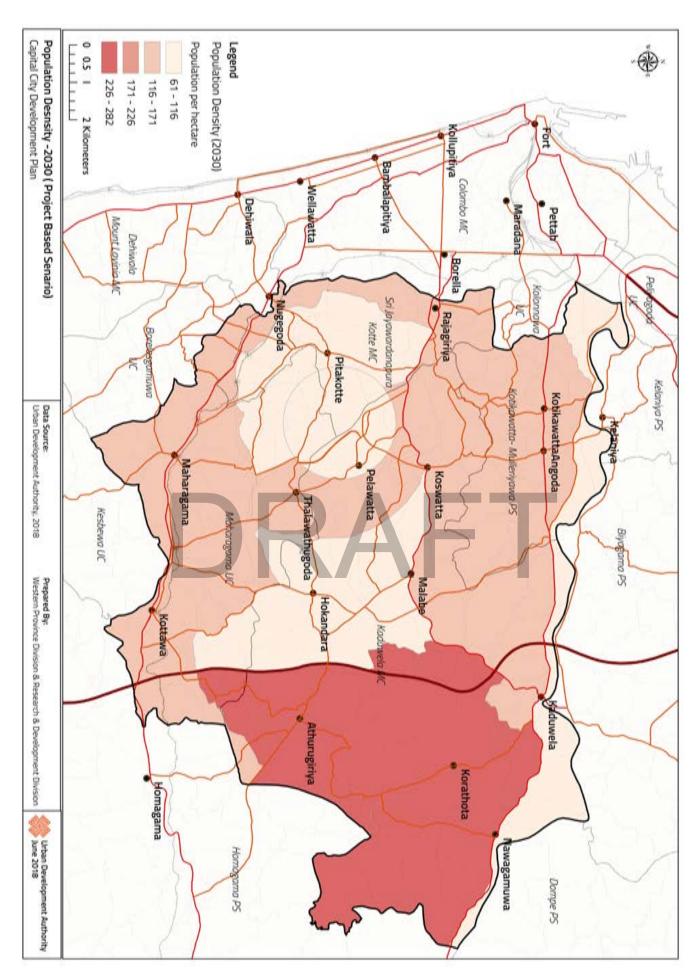


Map 3.6 : Population Density In Capital City Plan 2018

Source : Western Province Division and Research & Development Division, Uda. 2018



Map 3.7 : Population Density In Capital City (Business As Usual Scenario)-2030 Source : Western Province Division and Research & Development Division, Uda. 2018



Map 3.8: Population Density In Capital City (Project Based Scenario) -2030 Source: Western Province Division and Research & Development Division, Uda. 2018

3.2.2. Proposed Spatial Change for the Capital City

The proposed spatial form of the area is prepared mainly on the plan concept since it is vital to change the land use to represent the proposed use of the zone. According to the below tables, it clearly depicts that the Capital City Development Plan is able to accomplish the spaces as planned. Most importantly, it is expected to double the office space by 2030. (The assumptions of the space calculation are detailed in the Volume III of the Capital City Development Plan)

Consideration:

Space Development of Capital City is proposed to achieve the proposed urban form of the Capital City Plan.

Limitations:

According to the Implementation Plan of Capital City, it is assumed to take 30 years to complete the given projects. Therefore, the achievement of space development will be completed by 2050.

Existing Distribution of Different Land Uses

Zone	Existing Residential space (Sqm)	Existing Commer- cial Space (Sqm)	Existing Office Space (Sqm)	Existing Industrial Space (Sqm)	Existing Other Space (Sqm)	Total Develop- ment Area (Sqm)
Executive Resident Zone	7,674,364	582,687	102,848	46,479	399,064	8,805,443
Administrative Zone	4,919,099	254,389	186,605	13,754	310,880	5,684,727
Commercial Zone	6,488,113	2,507,431	879,424	466,473	354,552	30,695,993
Office Zone	4,866,118	881,561	842,999	290,235	232,438	7,113,350
Knowledge Zone	10,678,413	1,448,411	314,723	234,030	467,191	13,142,768
Transition Zone	9,052,899	554,076	21,392	282,415	158,868	10,069,650
Industrial Belt	4,032,965	632,854		718,440	126,551	5,510,810
Industrial Zone	6,068,358	267,633	40,695	1,520,226	214,621	8,111,532
Residential Zone	10,692,470	457,278	50,916	1182257	311,733	12,694,655
Total Space	84,472,799	7,586,320	2,439,602	4,754,308	2,575,897	101,828,927

Table 3.8: Land Use Distribution In 2018

Source : Western Province Division and Research & Development Division, UDA 2018

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Projection of
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Proposed Spatial Change for the Capital City



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Projection of Population, Floor Space and Commuter

Proposed Spatial Change for the Capital City

Existing Proportional Distribution of Different Land Uses

Zone	Residential space %	Commercial Space %	Office Space%	Industrial Space %	Other Space %
Executive Residential Zone	87	7	1	1	5
Administrative Zone	87	4	3	0.2	5
Commercial Zone	90	4	3	2	1
Office Zone	68	12	12	4	3
Knowledge Zone	81	11	2	2	4
Transitional Zone	90	6	0.2	3	2
Industrial Belt	73	11	0	13	2
Industrial Zone	75	3	1	19	3
Residential Zone	84	4	0	9.3	2
Total Area	83	7	2	5	3

Table 3.9: Proprtional Distrbution of Different land uses

Source: Western Province Division and Research & Development Division, UDA 2018

Proposed Distribution of Different Land Uses

Zone	Proposed Residential space	Proposed Commer- cial Space	Proposed Office Space	Proposed Industrial Space	Proposed Other Space	Total Develop- ment Area
Executive Residential Zone	8,501,098	1,165,375	137,714	46,479	798,127	10,648,793
Administrative Zone	10,988,286	2,708,084	1,086,605	13,754	621,760	15,418,489
Commercial Zone	29,962,436	18,700,920	1,289,259	466,473	510,217	50,929,305
Office Zone	12,058,396	3,526,243	3,379,047	290,235	267,303	19,521,224
Knowledge Zone	20,581,329	10,120,606	1,573,615	234,030	2,335,953	34,845,534
Transitional Zone	24,562,858	749,912	42,783	282,415	244,566	25,882,535
Industrial Belt	10,003,560	1,265,708	-	1,436,880	253,102	12,959,251
Industrial Zone	6,223,220	334,541	50,868	3,040,452	263,983	9,913,064
Residential Zone	11,496,719	685,918	101,831	1182257	383,432	13,850,158
Total Space	134,377,903	39,257,307	7,661,723	6,992,974	5,678,445	193,968,353

Table 3.10: Proposed Space distribution in Different land uses

Source : Western Province Division and Research & Development Division, UDA 2018

Proposed Proportional Distribution Different Land Use

Zone	Residential space %	Commercial Space %	Office Space%	Industrial Space %	Other Space %
Executive Residential Zone	80	11	1	0.4	7
Administrative Zone	71	18	7	0.1	4
Commercial Zone	59	37	3	1	1
Office Zone	62	18	17	1	1
Knowledge Zone	59	29	5	1	7
Transitional Zone	95	3	0.2	1	1
Industrial Belt	77	10	0	11	2
Industrial Zone	63	3	1	31	3
Residential Zone	83	5	0.7	9	3
Total Area	69	20	4	4	3

Table 3.11: Proposed Propotional distribution in different landuses

Source: Western Province Division and Research & Development Division, UDA 2018

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Proposed Spatial Change for the Capital City

Proposed Commuter Population of the Capital City

3.2.3. Proposed Commuter Population of the Capital City

Commuter population of the Capital City is predicted based on the proposed land use and following assumptions.

Assumptions:

Activity Type	Average Per Capita Space		
Retail/Whole Sale	20		
Tourism	40		
Private Office	30		
Industrial	60		
Institutional	25		
Residential	50		

Table 3.12 : Average per Capita Space

Source : Western Province Division and Research & Development Division, UDA 2018

Limitations:

According to the Implementation Plan of Capital City, it is planned to complete all the identified projects by 2050. Hence, it requires a period of 30 years to achieve the predicted commuter population in reality.



Chapter 03 THE PLAN

Projection of Population, Floor Space and Commuter

Proposed Commuter
Population of
the Capital City

Existing Commuter Population of the Capital City

Existing Commuter Population					
Zone	Commuter of Commercial Space	Commuter of Office Space	Commuter of Industrial Space	Commuter of Other	Total Commuter Population
Executive Residential Zone	29,000	3,500	775	16,000	49,275
Administrative Zone	13,000	6,000	230	12,500	31,730
Commercial Zone	560,000	29,000	8,000	28,000	625,000
Office Zone	44,000	28,000	5,000	9,000	86,000
Knowledge Zone	73,000	11,000	4,000	17,000	105,000
Transitional Zone	28,000	700	5,000	6,000	39,700
Industrial Belt	32,000	-	12,000	5,000	49,000
Industrial Zone	13,000	1,300	25,000	8,500	47,800
Residential Zone	23,000	28,000	20,000	12,500	83,500
Total Space	814,000	107,000	79,000	117,000	1,117,005

Table 3.13: Existing Commuter population in the Capital City

Source: Western Province Division and Research & Development Division, UDA 2018

Predicted Commuter Population of the Capital City

Projected Commuter Population					
Zone	Commuter of Commercial Space	Commuter of Office Space	Commuter of Industrial Space	Commuter of Other	Total Commuter Population
Executive Residential Zone	58,000	4,500	775	32,000	95,275
Administrative Zone	135,000	36,000	230	25,000	196,230
Commercial Zone	935,000	43,000	8,000	20,000	1,006,000
Office Zone	176,000	113,000	5,000	11,000	305,000
Knowledge Zone	500,000	52,000]4,000	93,000	649,000
Transitional Zone	37,000	1,400	5,000	10,000	53,400
Industrial Belt	63,000	-	24,000	10,000	97,000
Industrial Zone	17,000	1,700	51,000	10,000	79,700
Residential Zone	34,000	3,000	20,000	15,000	72,000
Total Space	1,962,865	255,391	116,550	227,138	2,553,605

Table 3.14: Predicted Population of the Capital City

Source: Western Province Division and Research & Development Division, UDA 2018