



Neighbourhood Development Programme Unit

NDPG Guidance Note

Title:	Municipal Guidance on the Identification of the Urban Network Elements																
Version:	21 January 2014																
Purpose:	To provide each NDPG municipality with guidelines on Identification of the Urban Network Elements deliverables to serve as a first step towards the development of an Urban Network Plan. This document aims to provide guidelines, examples and definitions to ensure that there is consistent interpretation of the Identification of the Urban Network Elements.																
Target Audience:	<p>Group 1: Metropolitan Municipalities (8): Municipal Manager, CFO, NDPG and CSP Coordinators</p> <p>Group 2: Non-Metro Municipalities (10): Municipal Manager, CFO, NDPG Coordinators</p> <p>NDP Unit Portfolio Directors, Chief Director, Specialist: Finance Specialist: Strategic Support, Project Mangers, CSP Coordinators</p>																
Glossary:	<table border="0"> <tr> <td>CBD</td> <td>• Central Business District</td> </tr> <tr> <td>NDPG</td> <td>• Neighbourhood Development Partnership Grant</td> </tr> <tr> <td>UNS</td> <td>• Urban Networks Strategy</td> </tr> <tr> <td>IRPTN</td> <td>• Integrated Rapid Public Transport Network</td> </tr> <tr> <td>CSP</td> <td>• City Support Programme</td> </tr> <tr> <td>Metro NDPG Municipalities (both CSP and NDPG)</td> <td> <ul style="list-style-type: none"> • Nelson Mandela • City of Johannesburg • City of Tshwane • Ekurhuleni • EThekweni • City of Cape Town • Buffalo City • Mangaung </td> </tr> <tr> <td>NDPG</td> <td>Neighbourhood Development Partnership Grant</td> </tr> <tr> <td>Non-Metro NDPG Municipalities (only NDPG)</td> <td> <ul style="list-style-type: none"> • Msunduzi • Polokwane • Newcastle • Mogale City • City Of Matlosana • Emalahleni / Witbank • Emfuleni • Mbombela • Rustenburg • Sol Plaatje </td> </tr> </table> <p>Please also refer to:</p> <ul style="list-style-type: none"> • The NDP Key Terminology Guidance for detailed descriptions of network elements. • The NDPG website for further toolkits, guidelines or revisions 	CBD	• Central Business District	NDPG	• Neighbourhood Development Partnership Grant	UNS	• Urban Networks Strategy	IRPTN	• Integrated Rapid Public Transport Network	CSP	• City Support Programme	Metro NDPG Municipalities (both CSP and NDPG)	<ul style="list-style-type: none"> • Nelson Mandela • City of Johannesburg • City of Tshwane • Ekurhuleni • EThekweni • City of Cape Town • Buffalo City • Mangaung 	NDPG	Neighbourhood Development Partnership Grant	Non-Metro NDPG Municipalities (only NDPG)	<ul style="list-style-type: none"> • Msunduzi • Polokwane • Newcastle • Mogale City • City Of Matlosana • Emalahleni / Witbank • Emfuleni • Mbombela • Rustenburg • Sol Plaatje
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1. Background

1. With the implementation of the Urban Network Strategy (UNS) the key focus on the NDPG has moved towards strategic spatial targeting and larger scale spatial interventions in the larger urban areas in South Africa.
2. The UNS emphasizes the importance of coordinated public intervention in defined spatial locations within the city, in order to maximise the leverage of public resources (including other strategic spatial, housing and transit orientated grants) and private investment in order to bring about the transformation of the urban form.
3. Each municipality, as part of the implementation of the UNS and as a first step towards the Urban Network Plan, needs to ensure that they:
 - 3.1. Submit a draft initial network Identification deliverable to the NDP Unit.
 - 3.2. Receive an NDP “no objections” letter prior to submission to Council for approval.
4. This guidance note is structured as follows:
 - 4.1. Description of the network elements to be identified.
 - 4.2. Proposed method to identify the network elements.
 - 4.3. Process after the submission of the network elements.

2. Urban Network Identification Submission Requirements / Deliverable

5. Prior to council submission the Municipality submits draft Urban Network Elements Identification deliverable to their NDP Projects Manager, this include maps and the template below.
6. The elements to be identified by their location per municipality include:
 - 6.1. 1 (one) CBD.
 - 6.2. Existing regional mixed use nodes.
 - 6.3. Potential activity corridors and public transport links (1 per hub).
 - 6.4. 1 (one) Hub per township-cluster. The map should indicate the proposed urban hub with public transport facility (if existing) surrounded by a circle with a radius of approximately 800m.
 - 6.5. Secondary nodes and secondary transport links based on township size.
7. The elements are to represented on maps, that:
 - 7.1. Demarcate (outline) and name the elements on the maps.
 - 7.2. Include representation of any existing municipal nodes, townships, township clusters, areas of need, deprivation, informal settlements, and major transport infrastructure (IRPTN).
 - 7.3. City Wide Level (illustrating all elements and including the Primary Network).
 - 7.4. Precinct Level (illustrating transport links / proposed transport links and site level).
8. Maps should be legible when printed and fit on a single A3 size page.
9. The following template must be used to support the submission to the NDP Projects Manager:

AN EXAMPLE:

URBAN NETWORK ELEMENTS IDENTIFICATION TEMPLATE		
NETWORK ELEMENT	MUNICIPAL NAME	COMMENTS
CBD	<i>Green CBD</i>	
PRIMARY NETWORK LINK	<i>North South</i>	
EXISTING NODES	<i>None</i>	
ACTIVITY CORRIDOR INFILL	<i>North South – Mabopane Station along railway line towards CBD.</i>	
URBAN HUB	<i>Mabopane Station</i>	
PRIMARY PUBLIC TRANSPORT LINK	<i>Rail Link – CBD to Mabopane Station</i>	
SECONDARY NODE	<i>Node Blue</i>	
SECONDARY PUBLIC TRANSPORT LINK	<i>Road x linking Mabopane Station to Node Blue</i>	

* Complete the table above – identify Network Elements for each Integration Zone (Only for Metro Municipalities)

3. Method of Identification of the Urban Network Elements

10. The following method is proposed to identify the Network Elements:

- 10.1. Determine functional area.
- 10.2. Delineate CBD for functional area.
- 10.3. Identify:
 - 10.3.1. All underserved townships and township clusters.
 - 10.3.2. Existing public transport infrastructure (IRPTN).
 - 10.3.3. Existing mixed use nodes in close proximity to public transport infrastructure.
 - 10.3.4. Select the best suited node per township cluster as the Urban Hub (as per UNS methodology).
 - 10.3.5. Secondary Nodes.
 - 10.3.6. Secondary Transport Linkages between nodes and Urban Hubs in the township cluster.
- 10.4. Delineate the Primary Public Transport Link between the Urban Hubs and CBD.
- 10.5. Demarcate potential activity 2km wide corridor belts contiguous to the Primary Transport Link.

11. The following checklist can be used to review the Network Identification:

NR	CHECKLIST
A.	Has the functional area been determined? <ul style="list-style-type: none"> • Clearly indicated on a map?
B.	Has the CBD been identified for the functional area? <ul style="list-style-type: none"> • Clearly indicated on a map? • Is there only one CBD per functional area?
C.	Has existing regional mixed use nodes within the functional area been identified? <ul style="list-style-type: none"> • Clearly indicated on a map? • Catchment areas for nodes indicated?
D.	Has relevant township clusters been identified, this include: <ul style="list-style-type: none"> • Clearly indicated on map? • Does the township cluster link with the CBD of the functional area? • All relevant township clusters identified? • Population threshold taken into consideration to serve the hub/s? • Spatial extent of 7.5km taken into consideration for a physical service radius of the township cluster? • Delineated areas make sense (e.g. 2 townships with physical barrier may not serve as a cluster; housing development may integrate 2 areas in future)?
E.	Has the Urban Hub/Hubs been identified? <ul style="list-style-type: none"> • Is the area identified as a node/key development area (existing or future) in existing planning initiatives or is there a regional key point (e.g. hospital, sports stadium etc.) located within the area? • Is the area known for an existing concentration of economic activities? • Is there a major public transport facility/modal transfer facility in the area? • Are there a large number of people that pass through the area on a daily basis? • Is there only 1 hub per township cluster? • Does the Urban Hub link with the CBD via a primary public transport link? <p>OTHER CRITERIA THAT MAY BE CONSIDERED:</p> <ul style="list-style-type: none"> • Is the area located in close proximity to a major movement intersection or entry point to the township? • Does the identification of an Urban Hub in this area have the potential to contribute to spatial integration? • Does the area have land available for potential development? • Is the area located close to an area designated for high density housing/restructuring zone? • Are there any serious develop mental constraints to limit the development of an Urban Hub in the area?
F.	Has the primary public transport link been identified? <ul style="list-style-type: none"> • Indicated clearly on a map? • Is the transport link for public transport (route for busses and taxis/rail line)?
G.	Have Secondary Nodes been identified? <ul style="list-style-type: none"> • Clearly indicated on a map?
H.	Has Secondary Transport Link/s been identified? <ul style="list-style-type: none"> • Clearly indicated on a map? • Clearly illustrates the link between the Urban Hub and the Secondary Node/s?

NR	CHECKLIST
I.	Has the Activity Corridor/s been identified? <ul style="list-style-type: none"> • Clearly indicated on a map? • Activity Corridor forms part of the Primary Public Transport Link?
J.	Does the map give a clear illustration of the entire Primary Network with all network elements?

4. Process post-submission of Identification of Urban Network Elements

12. The following process is proposed for the identification and “no objections” of the network elements:

- 12.1. The Municipality submits draft Urban Network Elements Identification deliverable to their NDP Projects Manager, this include maps (A3) and the populated template in Section 2.
- 12.2. NDP reviews submission and may request the municipality to present the submission to an Internal NDP/CSP Alignment Committee.
- 12.3. NDP notifies the municipality of the decision regarding the Draft Urban Network Elements. The NDP will either “not object” to the proposal in which case the municipality will receive a letter to confirm the NDP decision or will the NDP will refer the proposal back to the Municipality for clarity or review.
- 12.4. Should the municipality receive a “no objections” letter they can proceed to submit the deliverable for council approval.

Contact

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