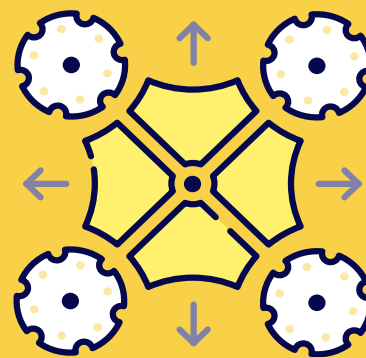




**Creating a
Plan for Growth**

Step 2B

Creating a Rapid Growth Plan

STEP 1

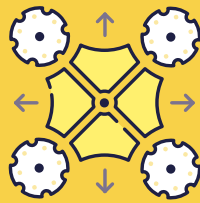
Writing a Charter for Growth



- 1A** Making the case for the 'Rapid Plan'
- 1B** The Charter workshop
- 1C** Consulting the public on the Charter

STEP 2

Creating a Plan for Growth



- 2A** Preliminary mapping
- 2B** Creating a Rapid Growth Plan
- 2C** Structuring the growth areas

STEP 3

Implementing the Plan



- 3A** Identifying landowners & occupants
- 3B** Finalising the plan
- 3C** Demarcating the plan on the ground

STEP 4

Building the Neighbourhoods



- 4A** Preparing for the workshops
- 4B** Neighbourhood workshop
- 4C** Concept designs workshop

STEP 2

Creating a Plan for Growth



Through a series of workshops involving mapping exercises, Step 2 will help you to create a Rapid Growth Plan, identifying where growth can take place and guiding future development to meet the requirements set out in Charter.

At the end of Step 2 you will have a **Rapid Growth Plan** that identifies potential growth areas around your city, and a **Key Fixes Plan** to develop one growth area in Step 3.

2A

Preliminary Mapping

- Create a coordinated series of maps that will provide a detailed picture of your city's assets and constraints.

2B

WORKSHOP

Creating a Rapid Growth Plan

- Map constraints with the support of key city stakeholders,
- Identify potential areas for expansion of your city, ensuring enough land is allocated to meet the projected population growth.

2C

WORKSHOP

Structuring the growth areas

- Focus on one growth area surrounding a local centre, and bring together key local stakeholders,
- Undertake a site visit and briefing with workshop participants to understand local constraints and issues,
- Structure the growth area into neighbourhoods centred around a local centre.

Step 2B

Creating a Rapid Growth Plan

Introduction & Aims

Without thorough spatial planning, the pace and scale at which our towns and cities are growing is rapidly degrading the quality of the urban environment and the quality of life of citizens. By identifying potential growth areas, utilising the understanding of how the city works (developed in Step 2A) and a set of robust principles for prioritising delivery, we can ensure that cities grow in a structured way, with accessible services at the heart of each community.

Over the course of Step 2B you will be required to develop the mapping undertaken in Step 2A to build a series of robust context plans. These will then enable

you to easily identify potential growth areas, review their capacity against projected growth rates and prioritise areas for delivery or promotion.

The output of Step 2B is a Rapid Growth Plan, that will identify a number of growth areas. You will choose one of these growth areas to plan into neighbourhoods in Step 2C.

Step 2B in its entirety includes 2 activities and 10 tasks.

Workbook Contents

i Activity i

05... Activity i: Prepare for the planning workshop

- 06... Task 1: Identify and invite participants
- 10... Task 2: Arrange a venue
- 11... Task 3: Source equipment
- 12... Task 4: Collate Step 1 data

ii Activity ii

15... Activity ii: Hold the planning workshop

- 16... Task 1: Prepare a physical constraints map
- 18... Task 2: Prepare a human constraints map

- 20... Task 3: Prepare a map of community assets
- 22... Task 4: Locate potential growth areas
- 24... Task 5: Check growth areas against land required
- 26... Task 6: Prioritise growth areas



Review

- 28... Review of Outputs
- 28... Looking Forward

Step 2 - Creating a Plan for Growth

2A Preliminary Mapping

i Obtain a base map

ii Map city features

2B Creating a Rapid Growth Plan

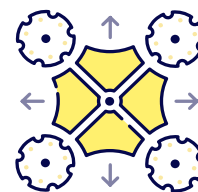
i Prepare for the planning workshop

ii Hold the planning workshop

2C Structuring the growth areas

i Prepare for the design workshop

ii Hold the design workshop



On completing Step 2, you will have created a plan for growth.

2B Creating a Rapid Growth Plan

i

Prepare for the planning workshop

3 - 4 Weeks Core Team Activity

- Task 1: Identify and invite participants
- Task 2: Arrange a venue
- Task 3: Source equipment
- Task 4: Collate Step 1 data

ii

Hold the planning workshop

1 - 2 Days Workshop Activity

- Task 1: Prepare a physical constraints map
- Task 2: Prepare a human constraints map
- Task 3: Prepare a map of community assets
- Task 4: Locate potential growth areas
- Task 5: Check growth areas against land required
- Task 6: Prioritise growth areas



2C Structuring the growth areas

Step 2B

Activity i

Activity i

Prepare for the planning workshop

At the heart of Step 2B will be a focused 1–2 day workshop attended by representatives of the community who will be able to validate the maps that have already been created, along with key stakeholders with the technical skills and authority to make critical decisions. The workshop will be used to create the Rapid Growth Plan.

Activity i will help guide you through preparation for the workshop, inviting a small group of key city stakeholders to participate in the production of the Rapid Growth Plan. You may need a team to assist you in preparation, as well as to support facilitation of the workshop.

This activity will help you to:

- Organise and prepare for the upcoming workshop.

Activity i involves 4 tasks:

1. Invite participants,
2. Arrange a venue,
3. Source equipment,
4. Collate Step 1 data.

The Rapid Planning Toolkit

for Urban Expansion

Step 2B - Activity i - **Task 1**

Identify and invite participants

The Rapid Growth Plan Workshop will bring together key stakeholders to understand the constraints and assets within your city, and to determine appropriate areas for potential growth.

In order to establish important and accurate information and create a Rapid Growth Plan, the attendees should include a variety of key stakeholders, community representatives and key decision makers.

As you will be conducting a hands-on exercise, it is advisable to have a maximum of 12-15 participants.

Task

1. Draft a list of potential invitees for the planning workshop, considering which people will understand different aspects of your city to be able to help create a Rapid Growth Plan. Refer to the Stakeholder database and consult your Engagement strategy from Step 1A.

You will need to have 1 or 2 people representing the following:

- Council or local authority officers,
- Political leaders,
- Representatives of different neighbourhoods or communities,
- Key landowners or institutions.

Ensure that your attendee list is mixed with:

- Men and women (if this isn't appropriate in your culture, consider how else you could involve both genders inclusively),
- Technical expertise and local expertise,
- Varied ages and demographics,
- People who have different needs and perspectives.

If you have too many stakeholders, you can prioritise key attendees and have others on a reserve list in case those from your priority list aren't able to attend.

If needed, update contact information for those on your list, making sure that you have permission to contact them in this way and store their details.

Consider the time needed to notify your stakeholders and how they will respond to confirm their attendance and availability. This will impact your timescales, which will determine how soon you can arrange the workshop.

2. Prepare an agenda for the workshop. The workshop may need to take place over 2 days, depending on how much time you expect will be needed to cover the tasks in Activity ii.

The [Agenda Template](#) provides an example of how the workshop might be structured, although you should adjust these timings to suit the conventions of your city.

If your participants have not previously been involved in the Toolkit workshops, you may need to take some time to explain the wider objectives, before introducing the tasks. Don't forget to factor in time to set up and prepare, and make sure to schedule regular breaks in the day.

If you are restricted in time, you could split into groups for different tasks and review the outputs together. Task 4 and Task 6 in particular should be done with the involvement of all at the workshop. Consider how all attendees can take part effectively, and how they will be led by the facilitating team.

Once you have finalised your stakeholder list, confirmed a venue (see the next task) and the dates on which to hold the workshop, you can issue invitations to your participants with all the necessary information.



3. Prepare invitations. A participant [Invitation Template](#) is provided that could assist you.

Consider including the following information:

- An introduction to the workshop including wider objectives of using the Toolkit and the nature of the activities on the day,
- Workshop dates and how long you expect the workshop to be (1 day or 2 days?),
- Details of the venue and instructions on how to get there if needed,
- A programme of the day including approximate timings and what time participants should arrive,
- How they should get in touch with you to confirm their attendance.

Reflection questions

- How much notice will be required for your stakeholders to be able to attend?
- As this workshop is invite only, will some stakeholder be disappointed if they don't receive an invite?
- How will you keep wider stakeholders engaged and up to date, even though they may not be able to attend the workshop?

Templates & Supporting Materials

[Agenda Template \(Word, 50KB\)](#)

[Invitation Template \(Word, 50KB\)](#)



Download this template

Visit www.rapidplanningtoolkit.org/resources

Agenda Template

Use this template to help you prepare an agenda for the Rapid Growth Plan workshop, making sure to adjust it to your particular requirements, local customs and the needs of your stakeholders.

[INSERT YOUR LOGO HERE]

The Rapid Planning Toolkit's

Rapid Growth Plan Workshop - Agenda

The Rapid Growth Plan Workshop is part of The Rapid Planning Toolkit's participatory process to plan for future urban expansion in **your city**. The purpose of this Workshop is to assess the development constraints of our city, and identify appropriate sites and locations for urban growth. The workshop will involve a series of mapping activities to assess where development is and isn't appropriate, leading to the development of a 'Rapid Plan' that will broadly identify a set of growth areas to satisfy projected demand for land for the next 10-30 years.

Workshop Date(s): [insert date(s) here]

Venue: [insert venue address here]

Add any details about access to the venue

Commented [A1]: Provide a brief introduction to explain the purpose of the workshop, along with key details such as the date, venue and any other details that your workshop attendees need to know

Planning Workshop Day 1:

09:45 Attendees arrive and sign in at venue

10:00 Welcome & Introduction

- Introduction of facilitators and participants
- Overview of the Rapid Planning Toolkit process, progress so far and wider objectives
- Introduction of workshop activities
- Opportunity for questions

Commented [A2]: Provide an outline of the programme with approximate timings.

Short break for refreshments

11:30 Mapping activities

- Understand your city's physical constraints
- Understand your city's human constraints
- Understand your city's community assets

Commented [A3]: Make sure to include sufficient time for breaks throughout the day, and ensure attendees will be able to access food and drinks, either provided at the workshop or from elsewhere.

Break for lunch

15:00 Review maps and discussion as a group

16:30 Close workshop

Planning Workshop Day 2:

09:45 Attendees arrive and sign in at venue

10:00 Welcome & Introduction

10:30 Identify Growth Areas

- Identify growth areas and produce a Rapid Growth Plan
- Check area against projected land requirements

Break for lunch

14:00 Review maps and discussion as a group

15:00 Review Growth Areas

- Amend Rapid Growth Plan if needed
- Prioritise growth areas

16:30 Close workshop



Download this template

Visit www.rapidplanningtoolkit.org/resources

Invitation Template

Use this template to help you prepare invitations to the workshop. We recommend that you personalise the content to make it more specific to your city, using your own words.

[INSERT YOUR LOGO HERE]

[insert address here]

[insert date here]

Invitation to participate in the Rapid Planning Toolkit's **Rapid Growth Plan Workshop**

Dear [insert name here],

I am writing on behalf of the team implementing [The Rapid Planning Toolkit](#) in [insert city], to develop a strategy for urban growth that is projected to take place in the near future. We are doing this with the involvement and support of our local communities, to protect and enhance our assets whilst ensuring our city can adapt to the challenges of the future.

As part of this process, I wish to invite you to participate in The Future Growth Areas Workshop on [insert date(s)] at [insert location].

Using the Rapid Planning Toolkit process, we have projected that the population of [insert city] is growing by [insert projected growth rate %], which means that up to [insert area required for ~30 years of growth] of land will be required to accommodate new neighbourhoods. With the community, we have already agreed a City Charter that sets out the need for a plan. [insert details of how to read the City Charter].

The purpose of this Workshop is to assess the development constraints of our city, and identify appropriate sites and locations for urban growth. The workshop will involve a series of mapping activities to assess where development is and isn't appropriate, leading to the development of a 'Rapid Plan' that will broadly identify a set of growth areas to satisfy projected demand for land for the next 10-30 years. We are inviting you as a stakeholder and community member to help us create a plan that is right for our city.

The workshop is expected to take [insert workshop duration] starting at [insert start time] and ending at [insert end time] on [insert workshop dates]. It will be held at [insert location and address].

Please confirm if you will be able to attend by contacting [insert name and contact details]. If you have any questions, please do not hesitate to get in touch.

Sincerely,

[insert signature]

Commented [A1]: You can use this invitation as a template, but we would recommend that you personalise the content to make it more specific to your city and using your own words.

Commented [A2]: Explain the wider objectives of using The Rapid Planning Toolkit in your city.

Commented [A3]: Provide any relevant information regarding the Toolkit process so far.

Commented [A4]: Explain the purpose of the workshop and what it will entail.

Commented [A5]: Provide details about the workshop

Commented [A6]: Explain how they can contact you to confirm that they will attend.

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Step 2B - Activity i - Task 2

Arrange a venue

You will need to arrange a venue in which to hold the workshop. The venue could be a room in a local authority building, an office, a university or other institution or a community space.

Task

1. Arrange a venue that will meet the necessary requirements for your workshop.

The venue that you decide on should be big enough to seat all participants around a table with your maps from Step 2A, or with the facilities to pin up or project the maps onto the wall or a screen.

Consider the technical provisions of your venue, such as IT, wifi and electricity and if this meets your requirements.

You also need to consider the accessibility of the venue. Ideally, it should be centrally located and include accessible features such as ramps so that all participants are able to attend.

Don't forget to consider the accessibility of the venue, and whether your participants will be able to get there easily. If any of your intended participants have special requirements, such as needing wheelchair access, ensure that you can accommodate them.

Step 2B - Activity i - Task 3

Source equipment

You will need some equipment for the workshop, which you should source in advance.

Task

1. In Step 2A Activity i, you obtained and prepared a base map of your area. You will need this to draw the other maps during the workshop.

If you will project the map onto a wall or solid screen, ensure that your venue is equipped with the space and resources to do this. If you will print the map, ensure that there is a large enough table onto which you can spread out a large format map.

2. You will need to source the following equipment to complete the tasks:

- Tracing paper or thin overlay paper (multiple sheets),
- Masking tape,
- Pens of different colours and thicknesses,
- Ruler,
- Compass,
- Graph paper (optional),
- Calculator (optional).

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for Urban Expansion

Step 2B - Activity i - Task 4

Collate Step 1 data

The final task in this activity requires you to collate the data you put together in Step 1, in addition to the maps produced in Step 2A. This data will be helpful during the workshop and therefore should be prepared in advance.

Task

1. Refer back to your Step 1 outputs to find the following information, as they will be essential to the workshop tasks. It may be useful to produce some photocopies of these to reference during the workshop.

- Population growth projections & land requirement areas produced in Step 1A Activity i,
- Maps produced in Step 2A Activity ii.

You may find it useful to have other documents to hand, if you need to communicate the objectives of the Rapid Planning Toolkit to your audience.

- Presentation materials and research on the need for a Rapid Plan for your city from Step 1,
- The agreed City Growth Charter from Step 1.

Templates & Supporting Materials

[Workshop Checklist \(Excel 50KB\)](#)



Download this template

Visit www.rapidplanningtoolkit.org/resources

Workshop Checklist

Use this checklist to help you prepare for the workshop.

Workshop:

Date:

Task	Deadline to complete	Task leader
<i>Organising the workshop (3-6 weeks in advance)</i>		
Confirm team members facilitating and leading the workshop		
Draft attendee list and collect contact details		
Shortlist attendee list		
Secure venue		
Confirm workshop date(s)		
Draft workshop agenda		
Draft invitations		
Send invitations		
Check and source equipment needed		
Make any other necessary arrangements for set up, transport and catering		
<i>In the lead up to the workshop (1-2 weeks in advance)</i>		
Check confirmations of attendance		
Send workshop reminder if needed		
Prepare Toolkit outputs, data and research		
Finalise agenda for the day(s)		
Prepare any presentation materials and brief facilitating team roles		
Review set up of venue for activities		
<i>Final checklist (On the day)</i>		
Workshop agenda with timings, printed if needed		
Attendee list and sign-in sheets		
Computers, screen, projector, leads and equipment as necessary for set up		
Food and drinks as necessary		
Introduction presentation materials as necessary		
Tracing paper or thin overlay paper (multiple sheets)		
Masking tape		
Pens of different colours and thicknesses		
Ruler		
Compass		
Graph paper (optional)		
Calculator (optional)		
Population growth projections & land requirements (Step 1 Outputs)		
City Growth Charter (Step 1 Output)		
Maps and mapping information (Step 2 outputs)		

Step 2 - Creating a Plan for Growth

2A Preliminary Mapping

i Obtain a base map

ii Map city features

2B Creating a Rapid Growth Plan

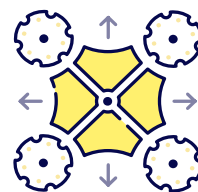
i Prepare for the planning workshop

ii Hold the planning workshop

2C Structuring the growth areas

i Prepare for the design workshop

ii Hold the design workshop



On completing Step 2, you will have created a plan for growth.

2B Creating a Rapid Growth Plan

i Prepare for the planning workshop

ii Hold the planning workshop

1 - 2 Days Workshop Activity

- Task 1: Prepare a physical constraints map
- Task 2: Prepare a human constraints map
- Task 3: Prepare a map of community assets
- Task 4: Locate potential growth areas
- Task 5: Check growth areas against land required
- Task 6: Prioritise growth areas

2C Structuring the growth areas

Step 2B

Activity ii

Activity ii

Hold the planning workshop

In this activity, you will hold a workshop to identify future growth areas and create a Rapid Growth Plan.

During this workshop, you will verify the mapping information produced in Step 2A, use this to develop an understanding of development constraints for your city, and produce a series of constraints maps. You will use this to identify 'local centres' around which new walkable neighbourhoods can grow,

Before starting the following tasks, consider how best to approach this activity with your stakeholder group. Consider the resources that you have available, how many participants are involved, and how everyone can contribute meaningfully to the outputs. Based on this, you will need to set up one or more printed or projected base maps, along with multiple layers of tracing paper or overlay paper to produce a series of maps.

Ensure that all the facilitators of the workshop are familiarised with the tasks of the activity ahead of time, and will be able to explain to participants the tasks that will be undertaken as a group, as well as the details of the work that has been done in preparation.

In completing this activity, you will be able to:

- Share local knowledge to verify mapping information,
- Understand, agree and map the constraints of your city,
- Assess appropriate conditions for development and identify possible growth areas for your city,
- Calculate the size of the growth areas that you have mapped.

Activity ii will involve 6 tasks:

1. Prepare a physical constraints map,
2. Prepare a human constraints map,
3. Prepare a map of community assets,
4. Locate potential growth areas,
5. Check growth areas against land required,
6. Prioritise growth areas.

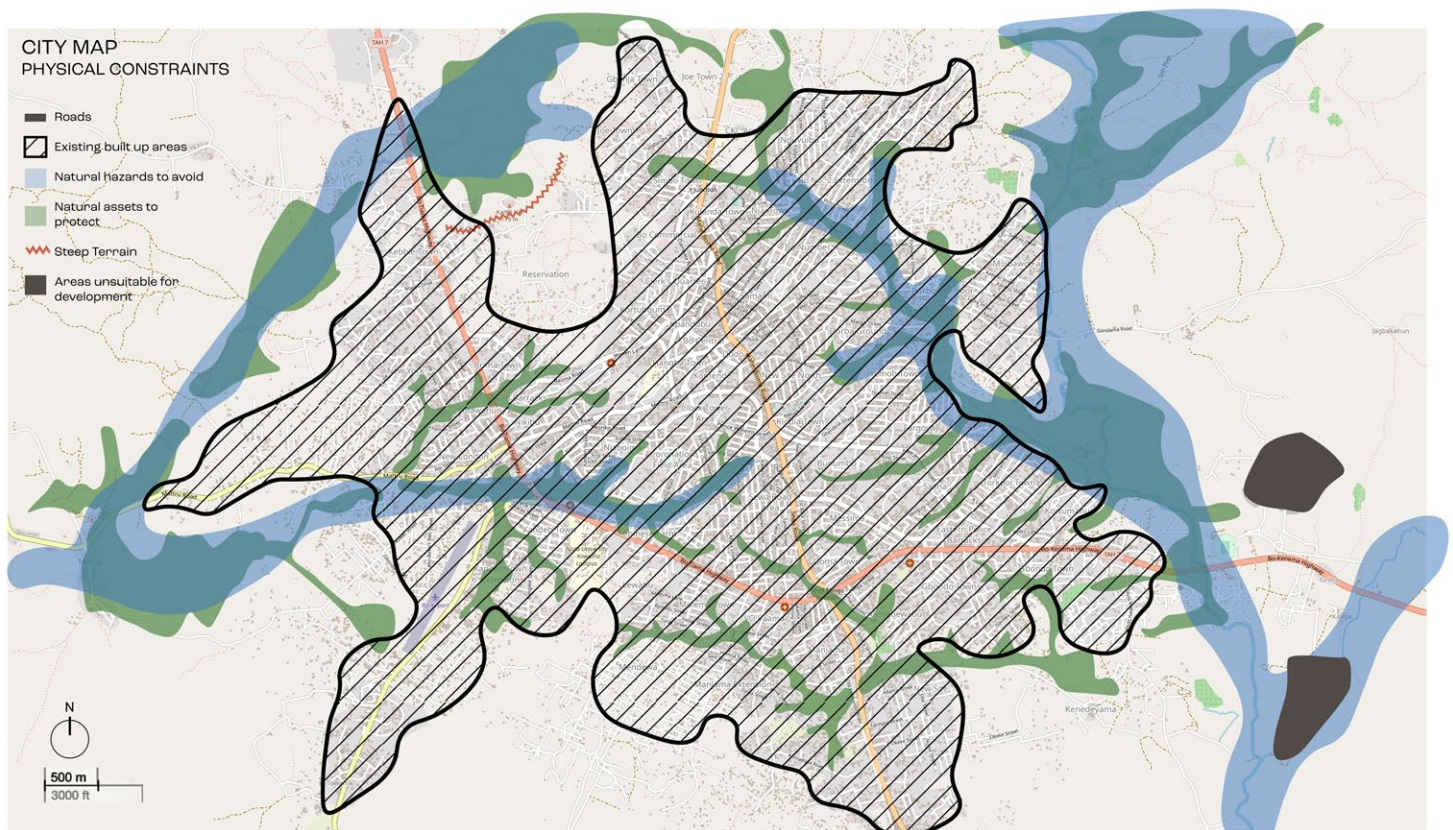
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Step 2B - Activity ii - Task 1

Prepare a physical constraints map

For the first task, you will create a map of physical constraints, identifying the features of your city that may restrict where a growth area could be located.



This map will identify any elements of the city that present a physical threat to development, or conversely, where development may threaten a natural asset. These will include natural features and hazards, including high-risk flood areas or other natural and climatic events likely to take place, as well as as potential hazardous land uses or pollutants.

As you complete this mapping exercise, you may wish to review and verify the information on your preliminary maps with the stakeholders present.

For this, and the next 3 tasks, you will need:

- Tracing paper or thin overlay paper,
- Masking tape,
- Pens of different colours and thicknesses,
- Maps produced in Step 2A Activity ii (Mapping) as reference materials,
- The base map of your city.

Creating a Plan for Growth

2B: Creating a Rapid Growth Plan

Watch the video which will guide you on how to produce the maps for the tasks in this activity.



Video link: vimeo.com/728914571/11ac3e0989

Task

1. Prepare to map the physical constraints of your city. Overlay the maps that you produced in Step 2A on top of your base map. If you have produced these on a thin sheet of paper, you should be able to see all the layers that you have mapped.

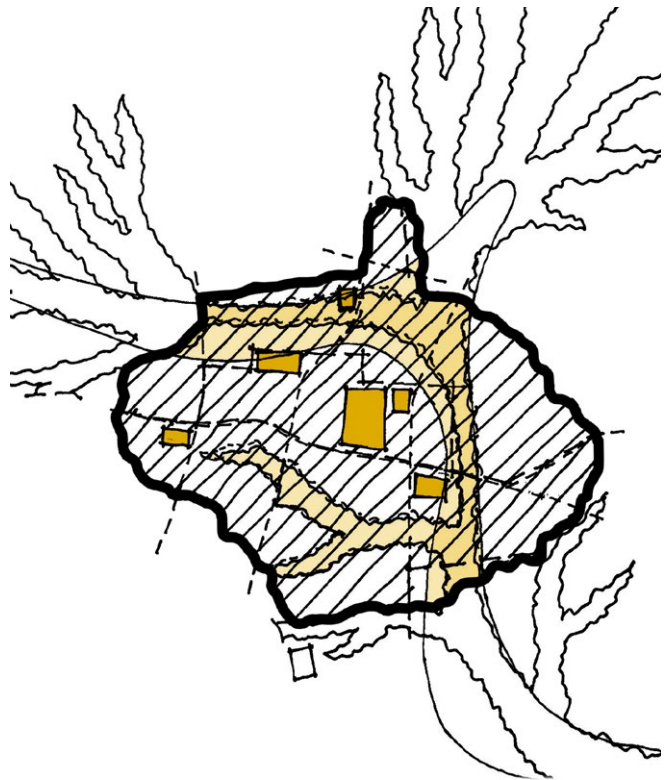
Place a clean sheet of tracing paper or thin overlay paper on top and secure it in place with masking tape.

2. Trace the critical features from the natural features map, as well as any elements of the other maps, such as the land uses, that might present a physical constraint on where a growth area could be located.

Identify areas that need to be protected from development as well as areas that are unsuitable because of any hazards or features.

3. Draw a thick, black outline around any existing built up areas and fill the area with linear hatching.

4. Once you have completed the map, **take a photograph to keep a record of your outputs.**



Reflection questions

- Are the stakeholders in agreement regarding the validity and accuracy of the information that you have mapped?

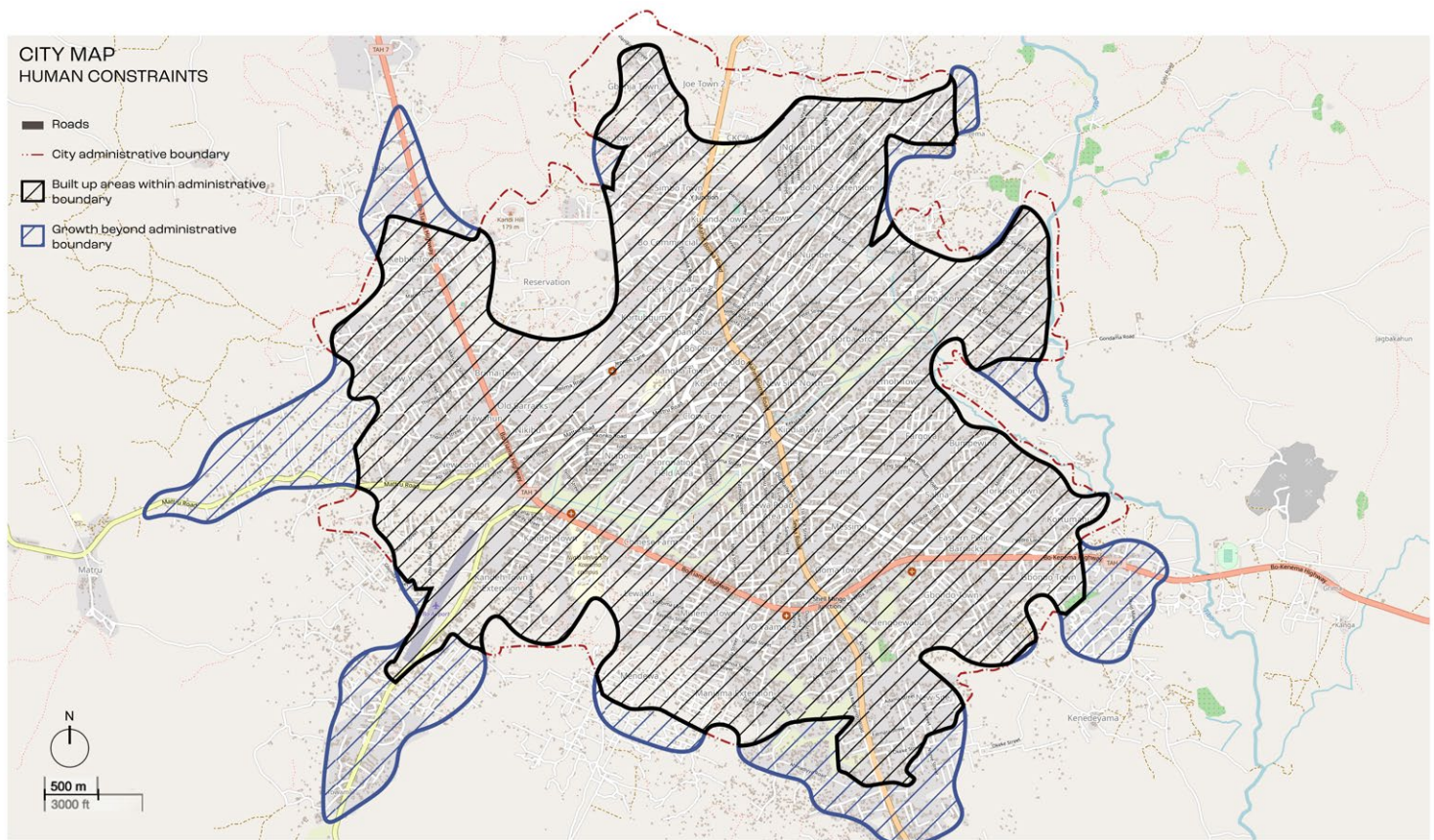
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Step 2B - Activity ii - Task 2

Prepare a human constraints map

In this task, you will create a map of human constraints, identifying administrative and ownership boundaries that could influence where growth may be possible.



This map will identify the political, social and legislative boundaries that may constrain growth. The simplest route to rapid implementation of the Toolkit may be to identify growth areas within the existing administrative boundary of your city, particularly where land is already largely in public ownership.

However, if it is not possible to find sufficient sites, then you may need to consider the implications of expanding beyond the city boundary and/or engaging major landowners to supply sites for development.

Task

1. To prepare to complete this task, overlay another clean sheet of tracing paper or thin overlay paper onto your sequence of maps, and secure it in place with masking tape.

Creating a Plan for Growth

2B: Creating a Rapid Growth Plan

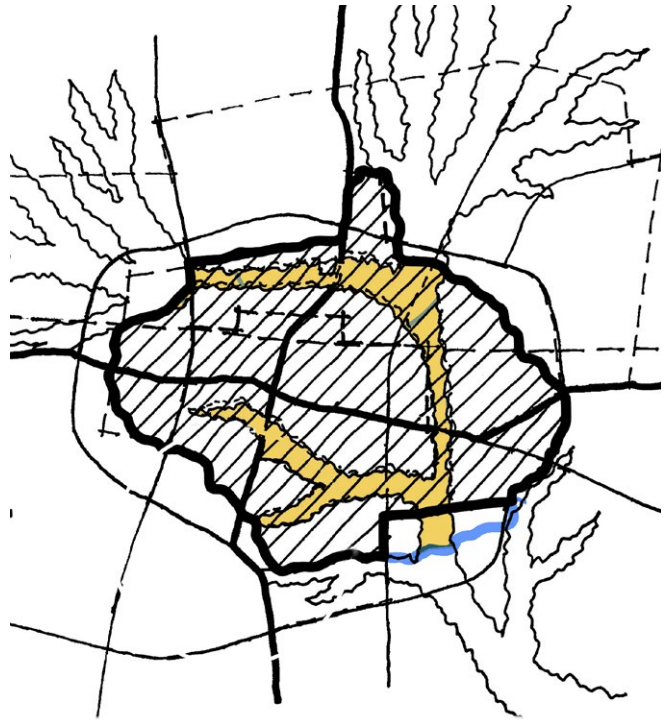
2. Trace the critical features from the administrative boundary and land ownership maps from Step 2A.

3. Draw a thick, black outline around any existing built up areas within the administrative boundary of your city, and a **thick blue outline** for any built-up areas outside the administrative boundary. You can fill these areas with a linear hatch.

4. Once you have completed the map, **take a photograph to keep a record of your outputs.**

Reflection questions

- Has your city already expanded beyond the city's administrative boundary?
- Does the land outside the city boundary fall under another jurisdiction? What implication would that have if your growth area extended into these areas?



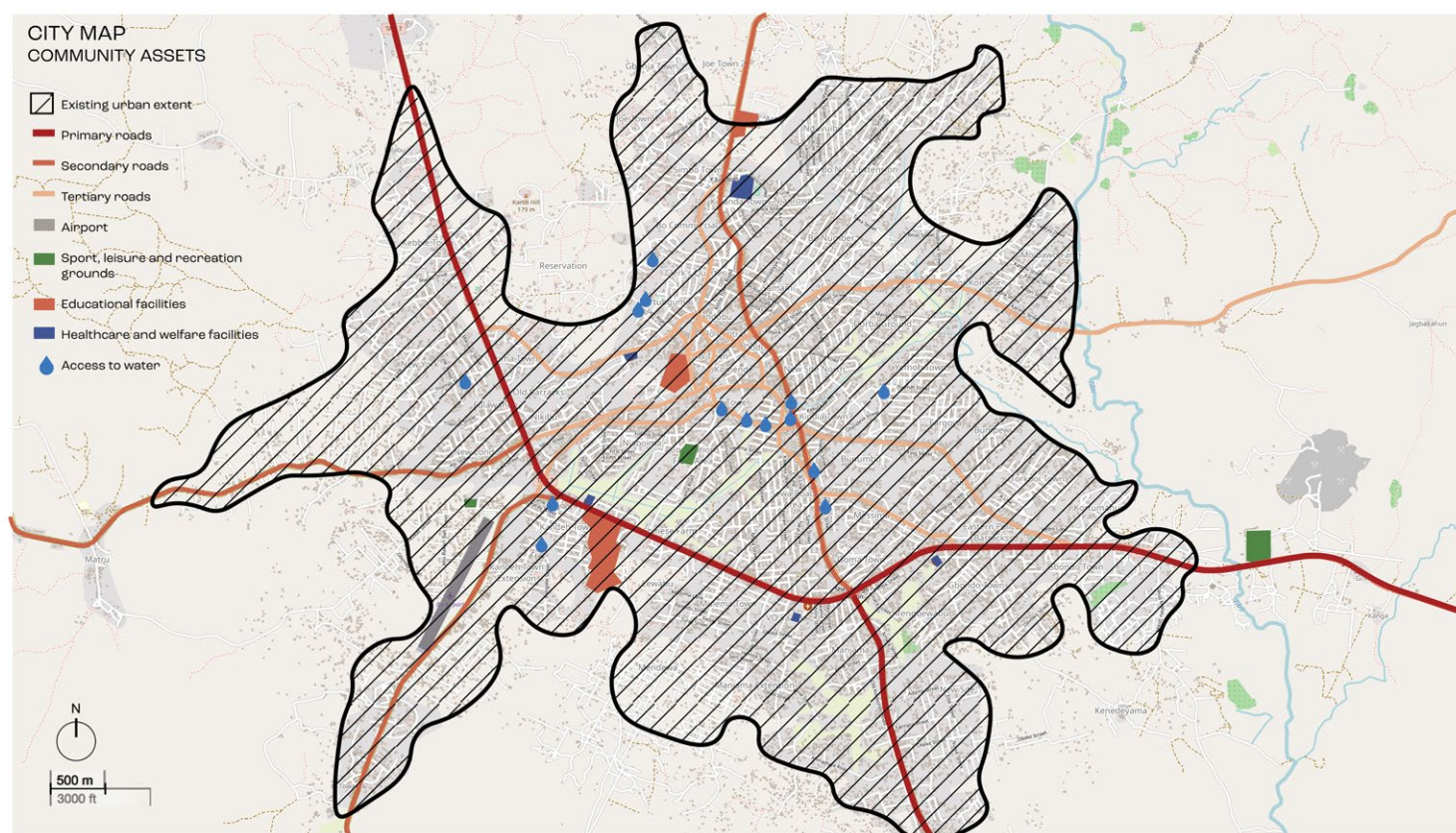
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Step 2B - Activity ii - Task 3

Prepare a map of community assets

Next, you will create a further map of community assets, referring to the transport network, community assets, utilities and land use mapped in Step 2A.



The distribution of community assets in your city will be crucial to identify 'local centres', around which walkable neighbourhoods can be planned.

We refer to a **'local centre'** as an area of heightened community activity, supported by a mix of uses and provision of key facilities for the local population. A local centre could be located along a road or street, a crossroads or junction, or a public space, square or park. Look for clusters of retail and commercial activity, such as shops or informal markets or

vendors. They may be defined by landmarks, such as religious buildings and structures, or administrative buildings such as a town hall.

Planning neighbourhoods around local centres means that residents can easily find and access facilities that they may use on a day-to-day basis. It also ensures any retailers and service providers are supported by a local population.

Creating a Plan for Growth

2B: Creating a Rapid Growth Plan

Task

1. To prepare to complete this task, overlay another clean sheet of tracing paper or thin overlay paper onto your sequence of maps, and secure it in place with masking tape.

2. Trace the critical features of the transport networks, public assets, utilities and land use maps from Step 2A. Highlight areas where there is existing localised activity in the form of transport connections, public services, shops and places of work - these may be existing local centres around which you could allocate growth areas.

Your workshop participants may be able to contribute further information to identify where community assets and uses are.

3. Draw a thick, black outline around any existing built up areas and fill the area with linear hatching.

4. Once you have completed the map, **take a photograph to keep a record of your outputs.**



Reflection questions

- Have you been able to identify local centres in your city?

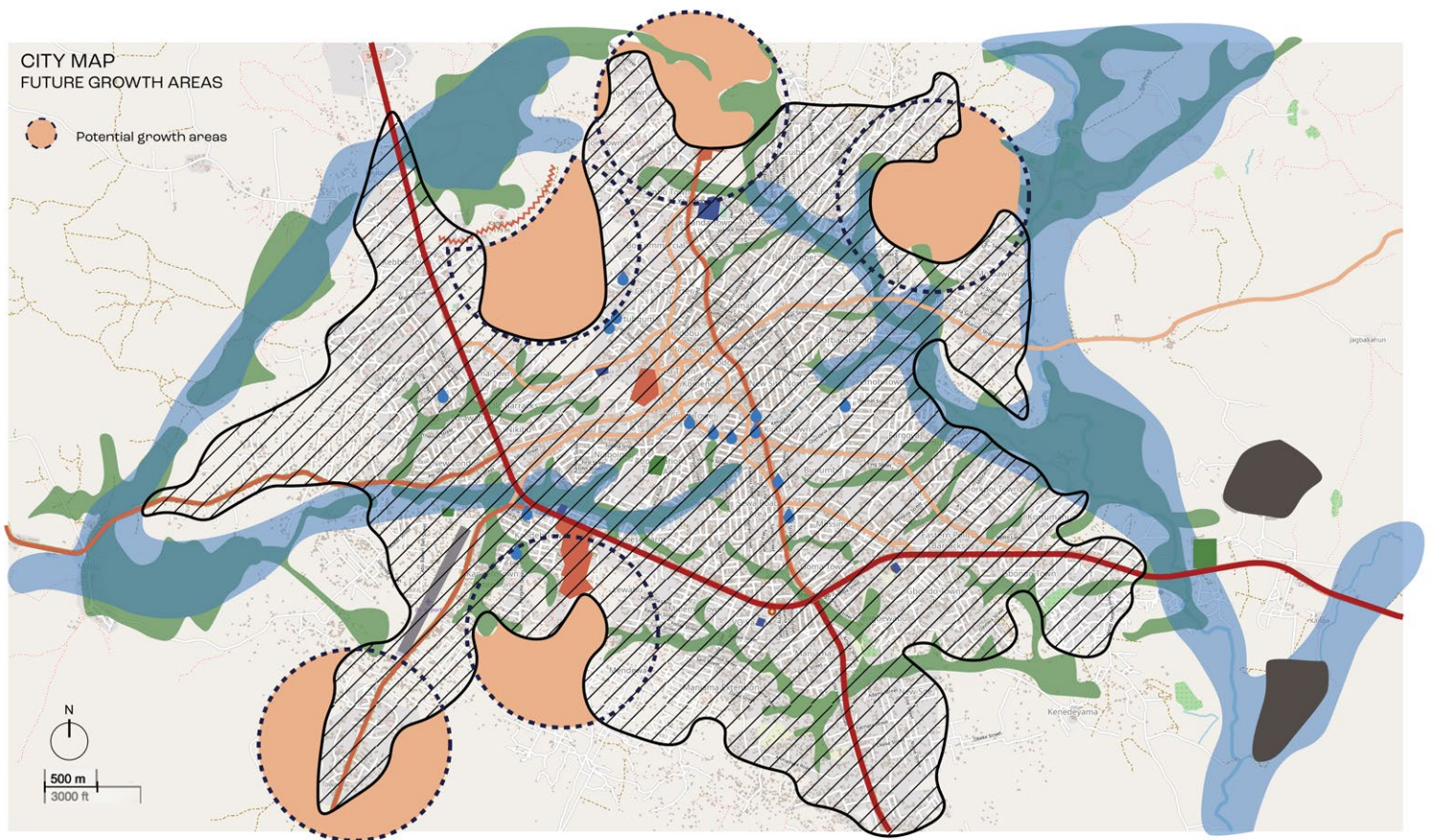
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Step 2B - Activity ii - Task 4

Locate potential growth areas

In this task, you will use your constraints maps to identify possible growth areas, assessing suitable locations for a walkable catchment of new development around existing local centres.



When planning for growth it is necessary to consider the constraints, both physical and human, as well as the assets, which you mapped in the previous tasks. Any new development in your city will need to balance housing with appropriate facilities such as places of work, shops and markets, places of leisure and other needs of the community.

If land is available close to areas which are well served by transport routes, community assets and other supporting infrastructure and facilities, these are good locations for your designated growth areas.

You may find it useful to visit [Key Concepts Section ii: Walkable Neighbourhoods](#) to understand the basics of walkable neighbourhoods.

For this task, you will need some additional materials:

- A ruler
- A compass

Creating a Plan for Growth

2B: Creating a Rapid Growth Plan

Task

1. Collect the physical constraints map, the human constraints map and the community assets plan together.

Overlay the plans on top of each other. If they have been created using tracing paper you should be able to see the critical features of each plan.

Overlay another clean sheet of tracing paper or thin overlay paper onto your sequence of maps, and secure these in place with masking tape.

2. Use your ruler and the scale reference on your map to measure a distance of approximately 1km.

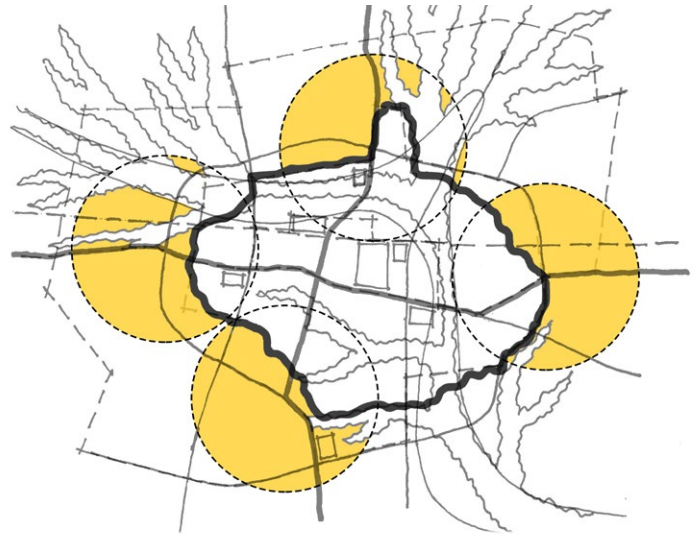
Set your compass to this distance to be able to draw circles of radius 1km. This broadly defines the parameters of a 'walkable neighbourhood', where local centres can be accessed within a 10-15 minute walk.

3. Search for existing 'local centres' near the edge of your city's existing urban extent.

A local centre could be a junction of primary or secondary routes, where uses and community facilities also exist, such as retailers, a market, or places of employment.

Use the compass to draw a circle around these local centres, indicating a walkable catchment around this centre.

If few existing local centres exist near the city edge, look for key nodes and junctions where you can create them as part of your plan.



4. Within the circles that you have drawn, **shade in areas that are outside the hatch** indicating existing built up areas, and avoid shading over any hazards, constraints or undevelopable areas. These are your identified growth areas, forming your Rapid Growth Plan.

5. Take a photograph to keep a record of your outputs.

Reflection questions

- In your city, what is a reasonable distance that you would walk on a daily basis to access local amenities such as shops, parks and other services?
- Do you need to adjust the size of your circles accordingly to create an appropriately sized walkable neighbourhood?

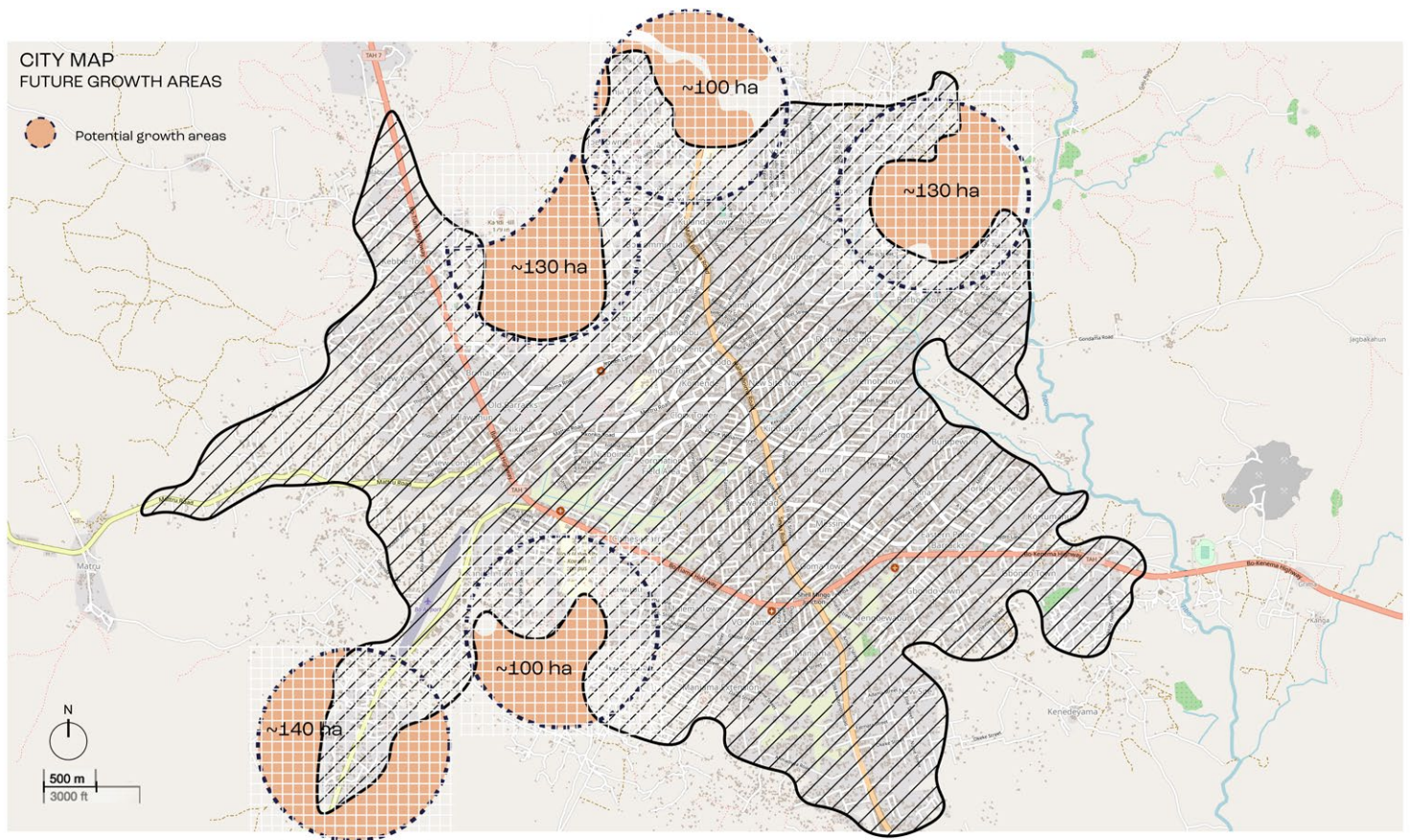
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for Urban Expansion

Step 2B - Activity ii - Task 5

Check growth areas against land required

You will need to refer to your outputs from Step 1A - the projections of population growth and land requirements, to determine if your identified growth areas are sufficient to meet the needs of your growing city.



For this task, you will need some additional materials:

- Graph paper or a ruler and pen to create your own,
- Projection of land requirements from Step 1A.

Refer back to the video on mapping Growth Areas for a demonstration of this task.



Video link: vimeo.com/728914571/11ac3e0989

Creating a Plan for Growth

2B: Creating a Rapid Growth Plan

Task

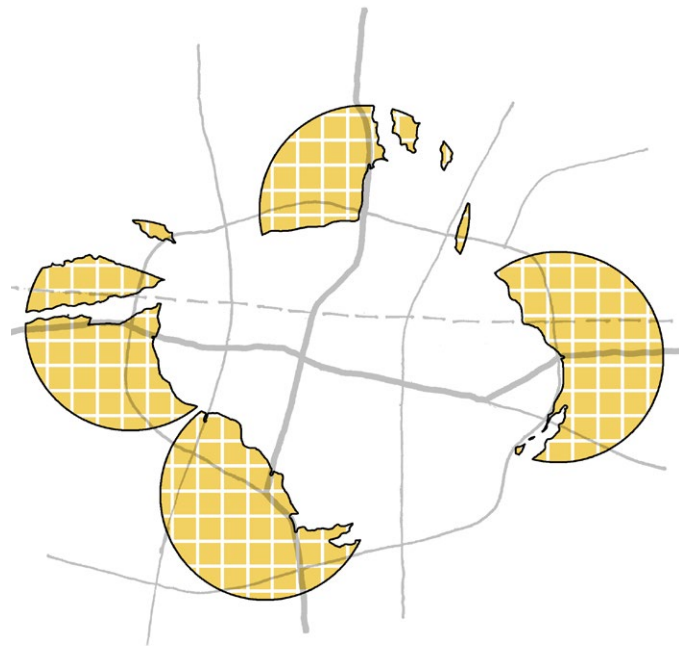
1. Measure a square of 1 hectare or 100m by 100m, using the scale reference on your map. Repeat a series of lines to form a grid of squares of this size on your paper.

This might be easier if you have graph paper to form a base.

2. Place this grid underneath the shaded areas identified in your Rapid Growth Plan, and count the number of squares that fit in this area to estimate the approximate size of your growth area. Only count the squares that fall inside the areas that you have shaded. **Record the area within each growth area.**

3. Compare the size of these growth areas to the land requirements projected in Step 1A, and check if there is sufficient land inside your growth areas to meet the projected need.

If the area of the combined growth areas is insufficient, you may need to identify more opportunities to create new local centres and neighbourhoods as you have done in the previous task.



Reflection questions

- Have you discovered any limitations to growth that might impact your city in the future?

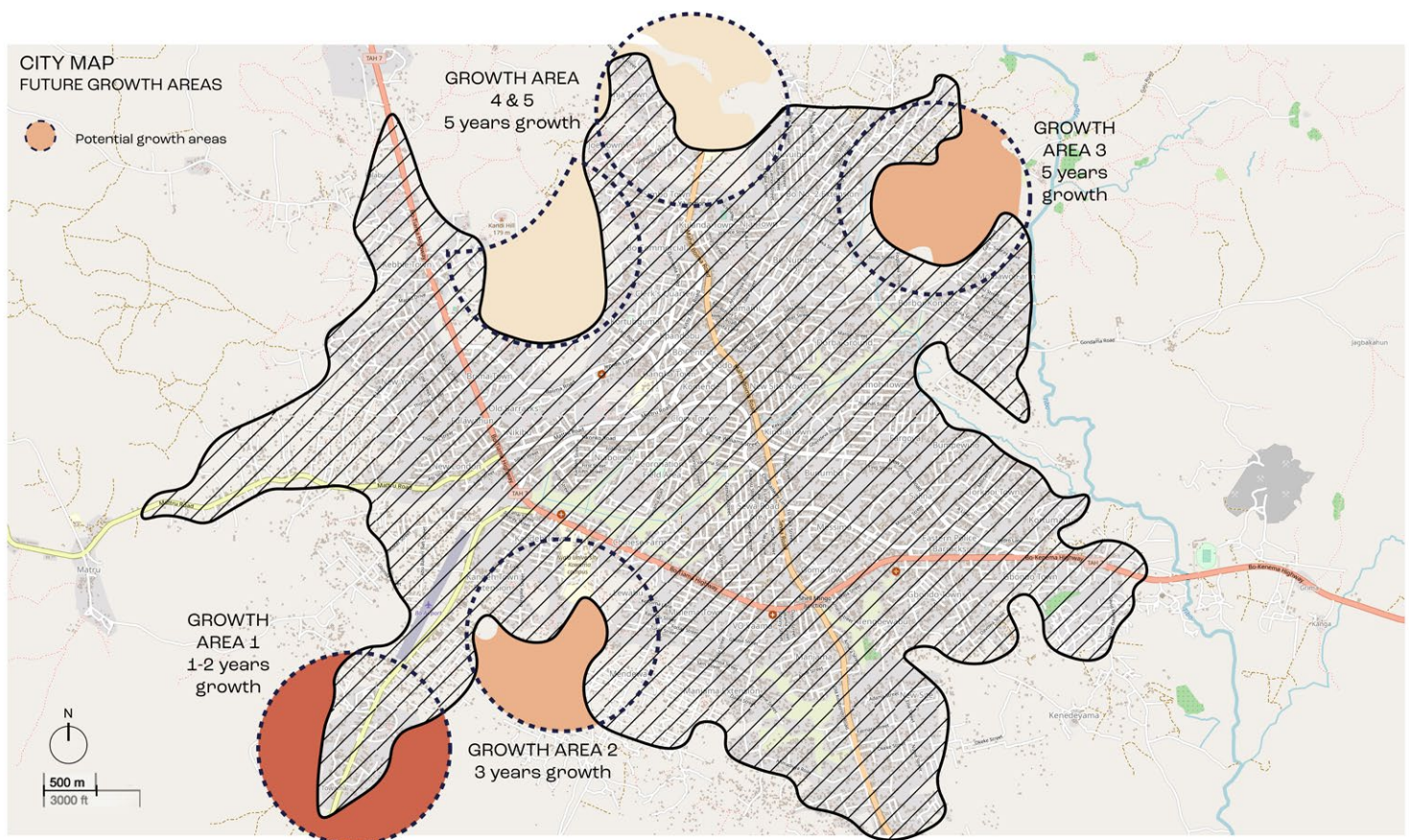
The Rapid Planning Toolkit

for Urban Expansion

Step 2B - Activity ii - Task 6

Prioritise growth areas

Now that you have a range of growth areas around the urban edge of your city, you will decide which should be prioritised initially.



You should prioritise growth areas that take advantage of existing infrastructure and facilities. This will enable your city to deliver against the immediate needs of its growing population quickly.

In this task, you will explore the suitability of the identified growth areas and the implications for developing in those areas with the various stakeholders at the workshop.

Task

1. With your stakeholders, discuss each of the identified growth areas to determine their suitability to continue with the Rapid Planning Toolkit in Steps 2C, 3 and 4. This will involve developing a Key Fixes Plan, staking out key routes and progressing to building a demonstration area as part of the neighbourhood.

Priority should be given to a growth area that is:

- In proximity to an existing urban centre,
- In proximity to a principle or secondary road,
- In proximity to community assets.

2. Choose priority growth areas for an initial plan period (up to 10 years) and note the reasons for the decisions made.

You can also choose reserve sites for the next plan period (20 - 30 years) and note the reasons for the decisions made. The reserve sites only come into play when there is a shortfall of housing supply and should not be progressed in Step 2C.



Reflection questions

- How have you ensured that all stakeholder views have been considered?
- Have you clearly documented the reasons for the prioritisation of land so that others outside of the core group will understand in the future?

Step 2B

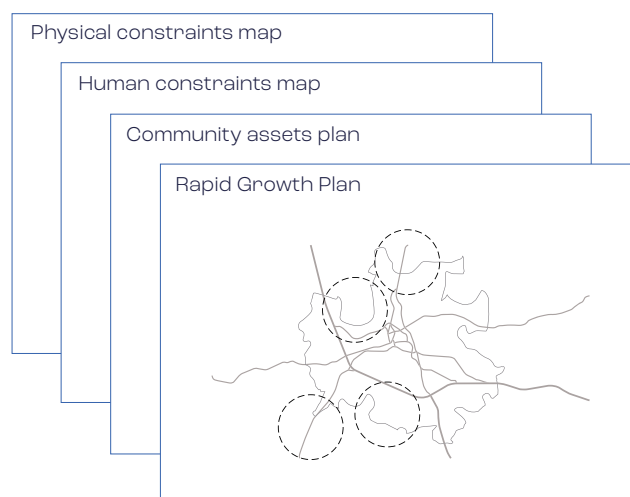
Review

Step 2B

Review of Outputs

This concludes Step 2B 'Creating a Rapid Growth Plan'. By completing Step 2B you will have;

- ☐ Prepared and run the workshop with stakeholders,
- ☐ Mapped physical constraints, human constraints and community assets,
- ☐ Created a Rapid Growth Plan,
- ☐ Checked growth areas against projected land requirements,
- ☐ Prioritised a growth area to progress to the next step.



Looking Forward

Now that you have identified which future growth area you will prioritise, you will move on to Step 2C: Structuring Growth Areas into Neighbourhoods.

In Step 2C you will be required to focus on your identified future growth area to create a neighbourhood plan which will define primary routes, neighbourhood boundaries, green corridors and public building sites and spaces so that they can be protected. This will be known as the 'Key Fixes' plan.

Move on to Step 2C to create your Key Fixes plan!

Growth Areas

- 1 _____
- 2 _____
- 3 _____

Step 2 - Creating a Plan for Growth

2A Preliminary Mapping

i Obtain a base map

ii Map city features

2B Creating a Rapid Growth Plan

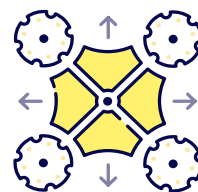
i Prepare for the planning workshop

ii Hold the planning workshop

2C Structuring the growth areas

i Prepare for the design workshop

ii Hold the design workshop



On completing Step 2, you will have created a plan for growth.

2C Structuring the growth areas

i

Prepare for the design workshop

3 - 4 Weeks Core Team & Workshop Activity

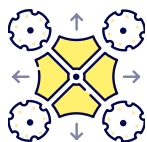
- Task 1: Prepare a map of the growth area
- Task 2: Conduct a site visit & technical briefing

ii

Hold the design workshop

1 - 2 Days Workshop Activity

- Task 1: Identify development area
- Task 2: Create a blue & green infrastructure plan
- Task 3: Create a movement plan
- Task 4: Create mixed-use neighbourhood centres
- Task 5: Create a phasing plan
- Task 6: Produce 'Key Fixes Plan'



Completion of Step 2

Rapid Planning Toolkit

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