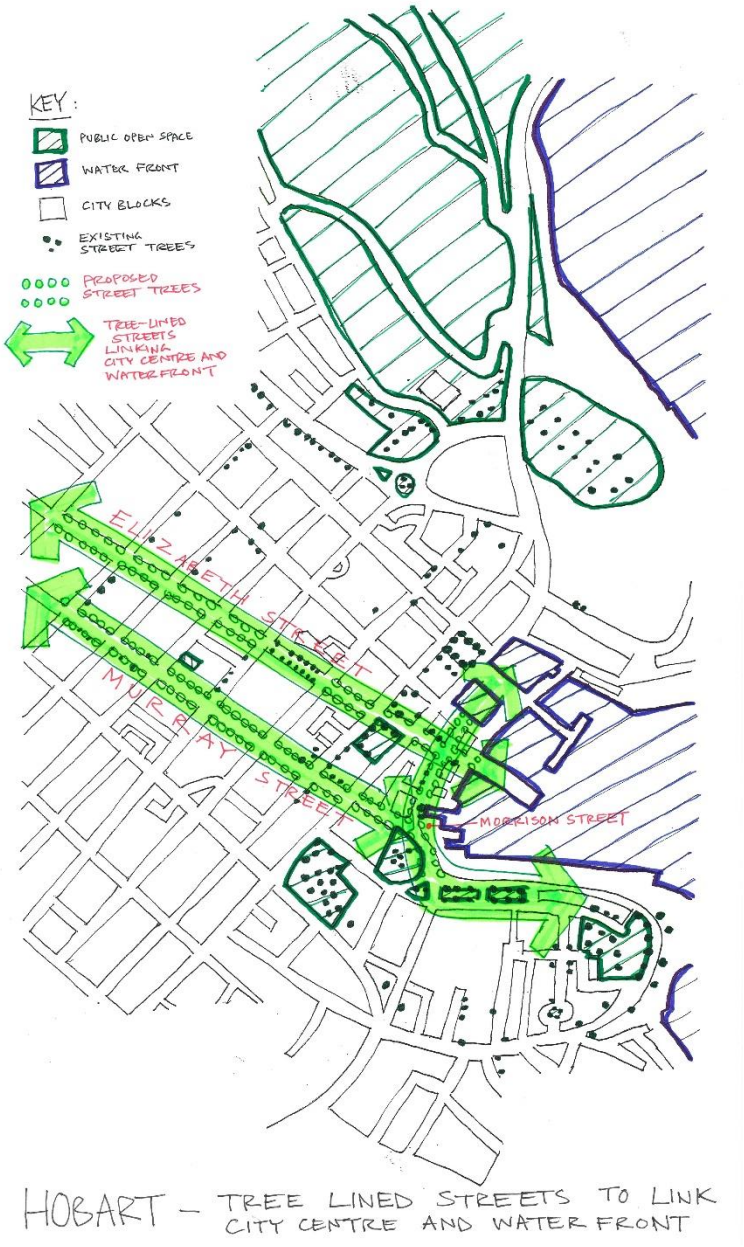
City of Hobart
Street Tree Strategy:

TREE PLANTING PROGRAM – CALL FOR NOMINATIONS

Initial Public Consultation

Heart Foundation Response

March 2019



"Tree planting program - call for nominations

The City of Hobart Street Tree Strategy 2017 sets out an aspirational target of 40% canopy cover by 2046 for the City's urbanised areas. To help achieve this target many new trees will need to be planted, successfully established and grow.

In order to meet this target, the City is developing a Street Tree Planting Program that will guide tree planting across the City for the next five years. We are looking for nominations for tree planting locations from the community to help develop this program.

If you know of a location that you would like to be considered for tree planting, whether it be out the front of your house, in a local street or in a park, then we want to hear from you."

- Source, City of Hobart, Tree Planting Programme https://yoursay.hobartcity.com.au/tree-planting-program

Heart Foundation response to the consultation listed in red below, submitted via online form at:

- https://yoursay.hobartcity.com.au/tree-planting-program

Tree nomination form

Please complete the following form and tell us where you would like to be considered for tree planting.

Your tree nomination

Is your nominated tree location in the street that you live? *Required

- No.

Is there anything else you would like to say to support your tree nomination? *Required

Principles:

- The Heart Foundation supports the principles outlined in the City of Hobart's Street Tree Strategy, particularly in the context of the second principle that states *"The City's streets are public open spaces that are enhanced by an urban forest with an abundance of large trees appropriately selected…".*

- This principle is in line with the Heart Foundations aspiration to enhance the quality of built environments with the creation of high quality streets and public spaces that support active living choices, such as active travel (walking, bike riding), to support heart health.

- Please note that the Heart Foundation's *Healthy Active by Design* initiative is a program that outlines the evidence and connections between heart health and the built environment. It provides built environment professionals with accessible and practical information on creating healthy, liveable communities.

- Healthy Active by Design includes design features for *Public Open Space* and *Movement Networks*, with evidence supporting the development of tree-lined streets, for instance:

  The more street trees along the footpath network, the more likely residents are to walk for 60 minutes each week.[1]

- Healthy Active by Design also includes design guidance for *Healthy Food*. Street trees could include species that yield fruit crops, helping to promote healhty food for instance with apple trees or other fruit trees that could provide highly visible and accessible prompts for healthy food.

  Community gardens and edible landscapes increase community interaction and promote mental, physical, and environmental benefits.[2]

- For more information visit: www.healthyactivebydesign.com.au

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[1] Source: Hooper, P., et al. (2015). "The building blocks of a 'Liveable Neighbourhood': Identifying the key performance indicators for walking of an operational planning policy in Perth, Western Australia." Health & Place 36: 173-183.

[2] Source: Lovell, R., Husk, K., Bethel, A., Garside, R., What are the health and well-being impacts of community gardening for adults and children: a mixed method systematic review protocol. Environmental Evidence, 2014. 3(20): p. 1-13.

Street Tree Location Nomination:

- Currently Hobart lacks legibilty between the waterfront and city centre.
- Establishing **tree-lined routes along Elizabeth Street, Murray and Morrison Street** would be a simple, attractive and effective means of creating clear links between hubs of activity on the waterfront and in the city centre retail core.
- Street trees could be supported by other streetscape improvements to footpaths, bike paths and street furntiure (flag poles, seating, lighting) to further aid legibility.
- Creating an **avenue of street trees** (for instance on Elizabeth Street) could be considered in conjunction with related streetscape design projects being led by the City of Hobart Council, notably for the current **Elizabeth Street**, Midtown streetscape retail precinct design project.
- Street trees planted in avenue form can improve streets, especially for pedestrians, providing urban greening, shade, visual amenity. Such intervention as part of street scape improvements can help support **active travel** trips, supporting improved walking and cycling connections, for the health benefit of Tasmanians and visitors.
- Street trees planted to line a street can help to segregate between modes of transport, for instance as part of a median landscape verge to create **segreated walking and bicycle paths**, separated from vehicular traffic carriageways.
- **Economic and tourism benefits** could stem from improving legibility, connections and links for visitors arriving on the waterfront (large crusise ships, festivals, markets) and the wider city centre.
- Health benefits of greening the city are well documented, including the fact that tree-lined routes can offer extra motivation to walk compared to routes without trees.

Both physical activity and exposure to green space are known separately to have positive effects on physical and mental health.[3]

- The principle of establishing tree-lined streets has been established in other reports for the City of Hobart Council, including *'Hobart Public Spaces Public Life', (2010, Gehl Architects)* and *'Street Tree Strategy' (2017, City of Hobart).*
- Street tree planting projects are being undertaken in other Australian state capital cities, a notable example being street tree planting in Adelaide:
    - This programme has been led by the strategic urban planning and design work of City of Adelaide Council and guided by the Adelaide Design Manual[4], a comprehsneive design manuel that provides guidance for the urban greening on different types of streets.
    - The City of Adelaide council have identifed areas of the city and particular streets that are priorities for street tree planting and street trees are being planting across the city in a comprehensive street tree planting programme.

[3] Source: Pretty, Peacock et al. (2005).

[4] www.adelaidedesignmanual.com.au

- The Adelaide Design Manual and incorporated content including the *'Green Infrastructure Guidelines'* present a good source of referecne material for the design and delivery of street trees, including how to plant street trees in existing streets, managing constraints including utilities, water sensitve design and transport considerations.

- For further information see the www.adelaidedesignmanual.com.au and example plan from the Greening Section of this report provided via an email submission, in support of the online form submission.

- The concepts of establishing tree-lined streets to support city legibility and movement are articulated in diagrams to be provided via an email submission, in support of the online form submission.

Please provide the address or location that would like to be considered for tree planting

*Required

(NOTE 255 character limit):

Create tree-lined routes (avenues) to link the waterfront and city centre, focused on **Elizabeth Street,** linked to streetscape improvements for 'Midtown'.

Avenues could also be considered for Murray Street; and **Morrison Street** linked to Salamanca Place.

Additional information provided in Heart Foundation submission by email (not possible in electronic form):

Supporting Diagrams

Figure 1: Indicative diagram Hobart City Centre block structure,

- **Grid of streets, wide enough to accommodate street trees as tree-lined avenues.**

Figure 2: Indicative diagram of existing tree-lined routes in Hobart City Centre,

- **Note the waterfront and city centre lack clear, legible connections.**

Figure 3: Indicative diagram of potential tree-lined routes to link Hobart City Centre and the waterfront, Hobart Harbour

- **Note the opportunity to create clear, legible connections between the waterfront and city centre.**

Figure 4: Gehl Architects illustration showing Hobart's opportunity to move:

- ***"From a city with scattered street trees…***
- ***… to a green city centre"***

Source: *"Hobart Public Spaces Public Life"*, 2010, Gehl Architects, Executive summary

Figure 5: Adelaide Design Manual: Illustration of city street with urban greening including tree lined streets, street trees helping to establish segregation between paths for walking, bike riding and other transport.

Source: *"Adelaide Design Manual - Greening"*, page 5 of Greening chapter, Adelaide Design Manual, http://www.adelaidedesignmanual.com.au/design-toolkit/greening

Figure 1: Indicative diagram Hobart City Centre block structure,

- **Grid of streets, wide enough for street trees as tree-lined avenues.**

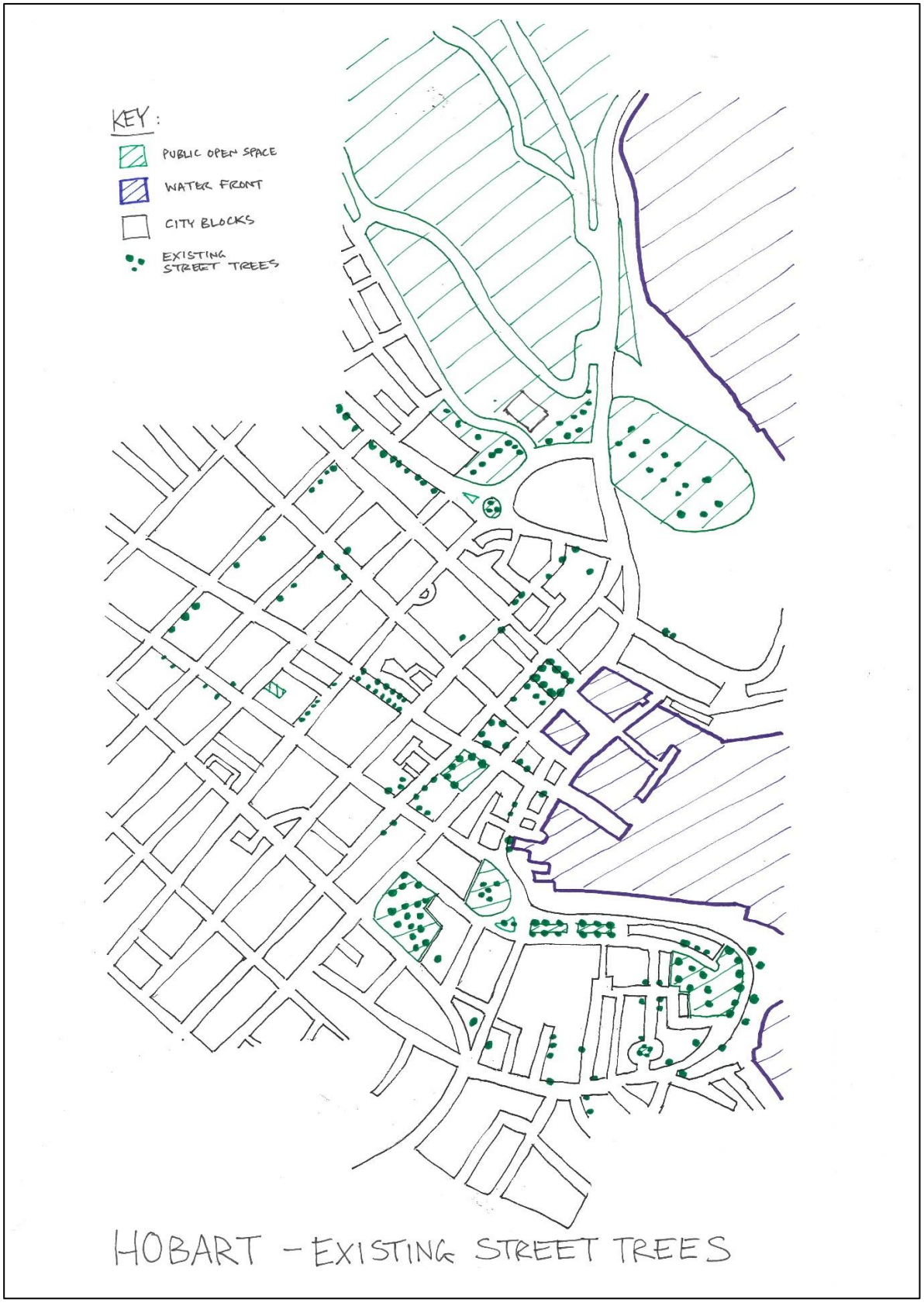

Figure 2: Indicative diagram of existing tree-lined routes in Hobart City Centre

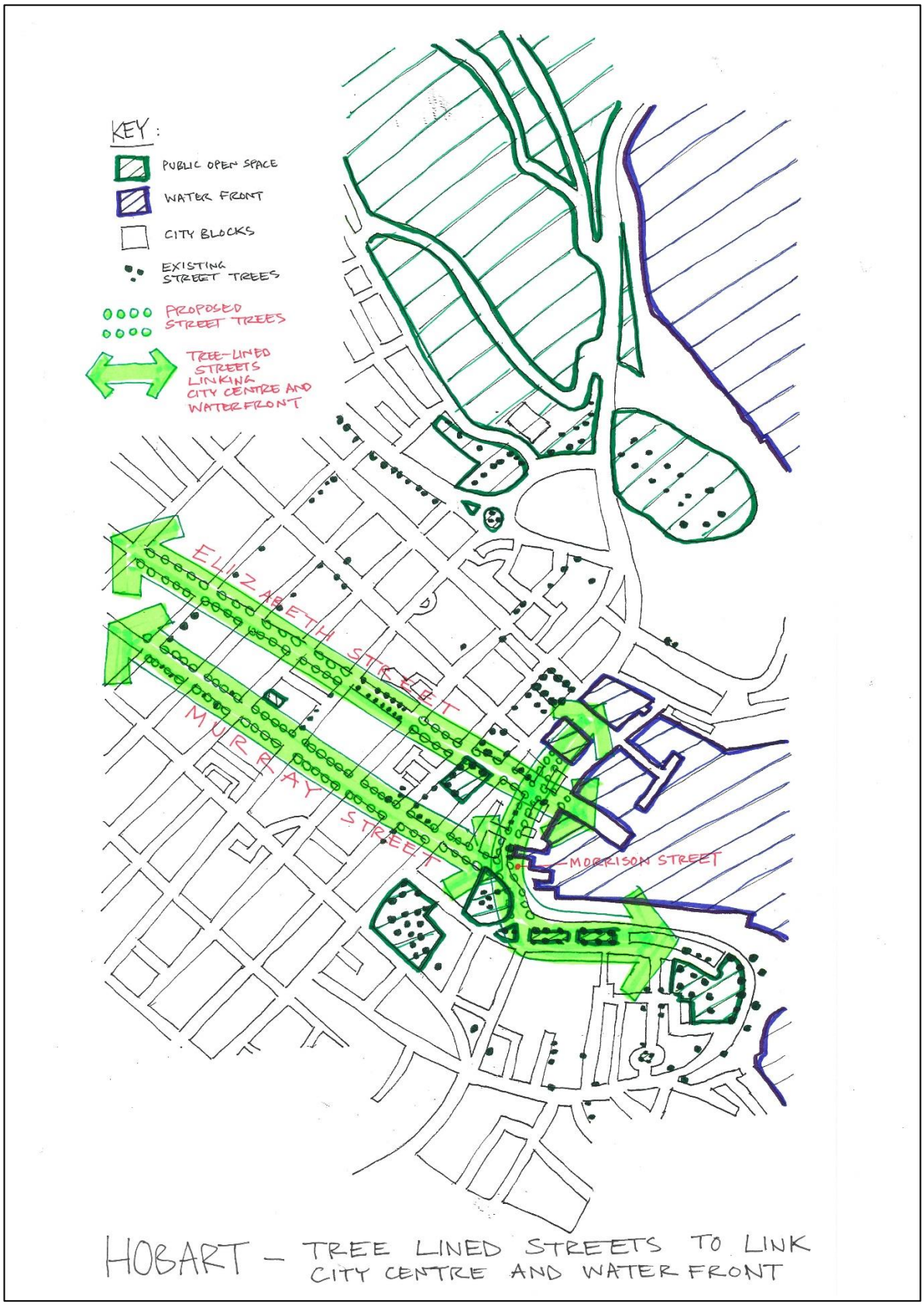

Figure 3: Indicative diagram of potential tree-lined streets linking City Centre & waterfront. Opportunity to create legible links between waterfront and city centre.

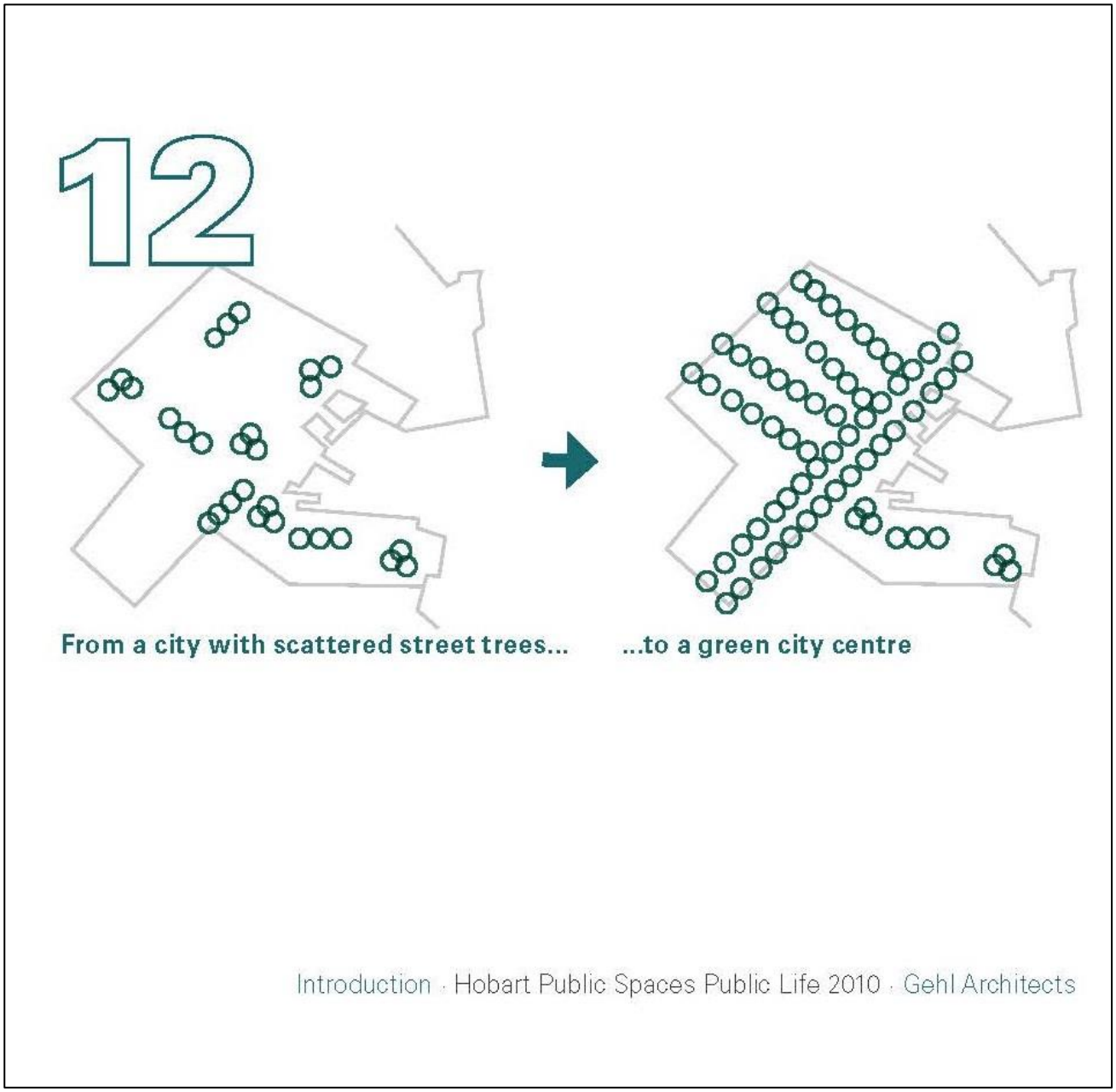

Figure 4:

Gehl Architects illustration showing Hobart's opportunity to move:

- ***"From a city with scattered street trees…***
- ***… to a green city centre"***

Source: *"Hobart Public Spaces Public Life"*, 2010, Gehl Architects, Executive summary

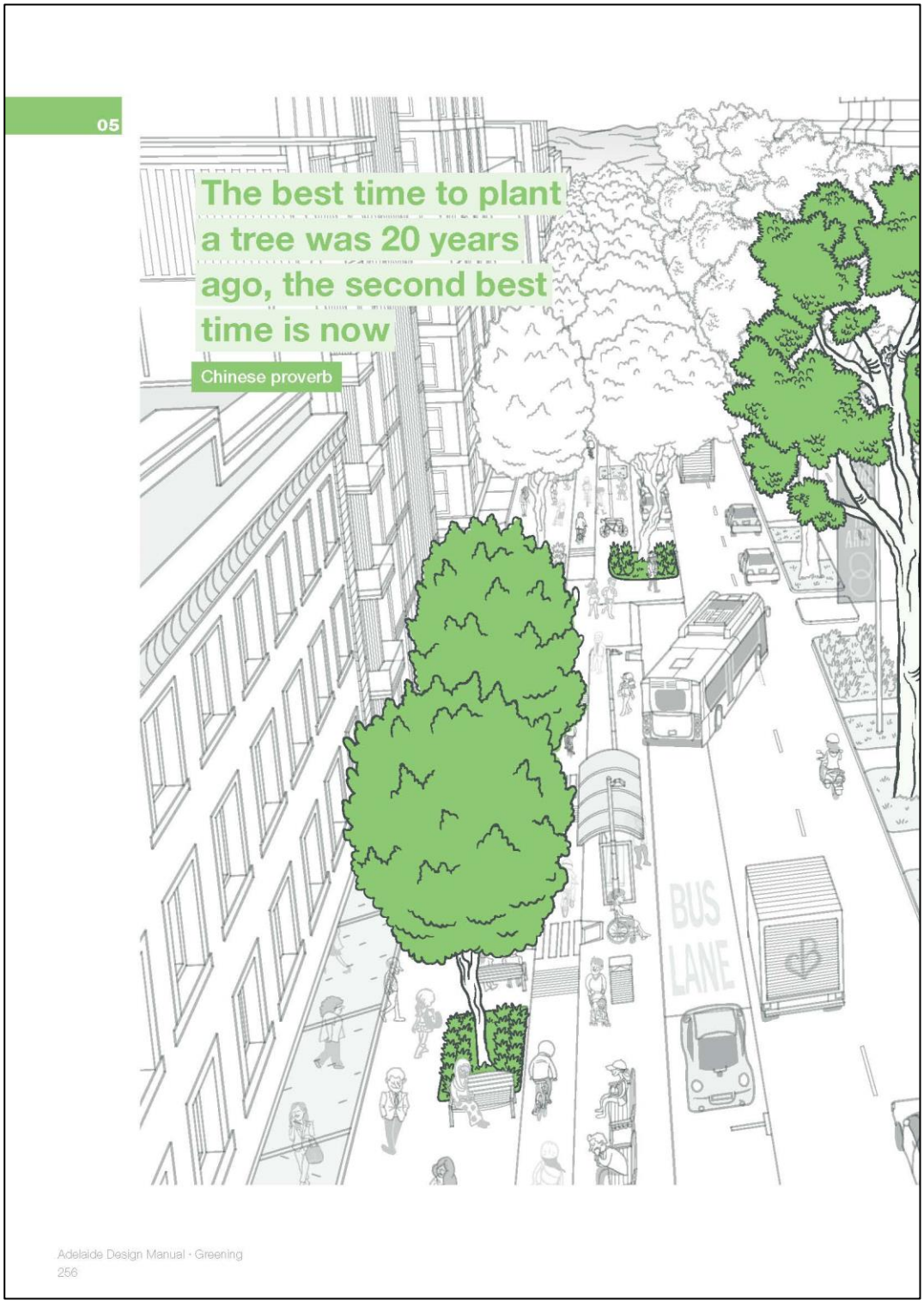

Figure 5: 'Greening' extract from Adelaide Design Manual: Illustration of city street with urban greening including tree-lined streets. Street trees as illustrated help to establish segregation between paths for walking, bike riding and other transport.

Source: *"Adelaide Design Manual - Greening"*, page 5 of Greening chapter, Adelaide Design Manual, http://www.adelaidedesignmanual.com.au/design-toolkit/greening

Contact Details:

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Would you like to be added to our mailing list?

Yes