

# City Centre Sustainable Design Housing Competition

## Workshop 1: Aims and Background

Professor Bob Giddings

Chair of Architecture and Urban Design

Aims of the Competition Professor Bob Giddings

Future of the City Centre and Plans for

Pretoria-Tshwane Dr Robert Rogerson

The Site and Its Context Francine van Tonder

sharepoint information [CCSDHC 2023](#)

queries and submissions

[CIBCcitycentreSustainableDesign@gmail.com](mailto:CIBCcitycentreSustainableDesign@gmail.com)

# Workshops

Workshop one: 2 August 16.00-18.00

- Aims of the Competition
- Future of the City Centre and Plans for Pretoria
- The Site and Its Context

Workshop two: 16 August 16.00-18.00

- Affordable Housing - Development and Delivery
- Design of Housing
- Co-working and Co-living

## Workshop three: 23 August 16.00-18.00

- Environmental Sustainability
- Economic Sustainability
- Social Sustainability

## Workshop four: 30 August 16.00-18.00

- The Use of External Space
- Innovative and Sustainable Building Technologies
- Indigenous Materials

Competition initiated by:

**CIB** <https://cibworld.org/> Working Commissions

Architectural Design and Management (W096)

Smart and Sustainable Built Environments (W116)

Construction in Developing Countries (W107)

and Future of the City Centre Network

Tshwane-Pretoria Symposium September 2018

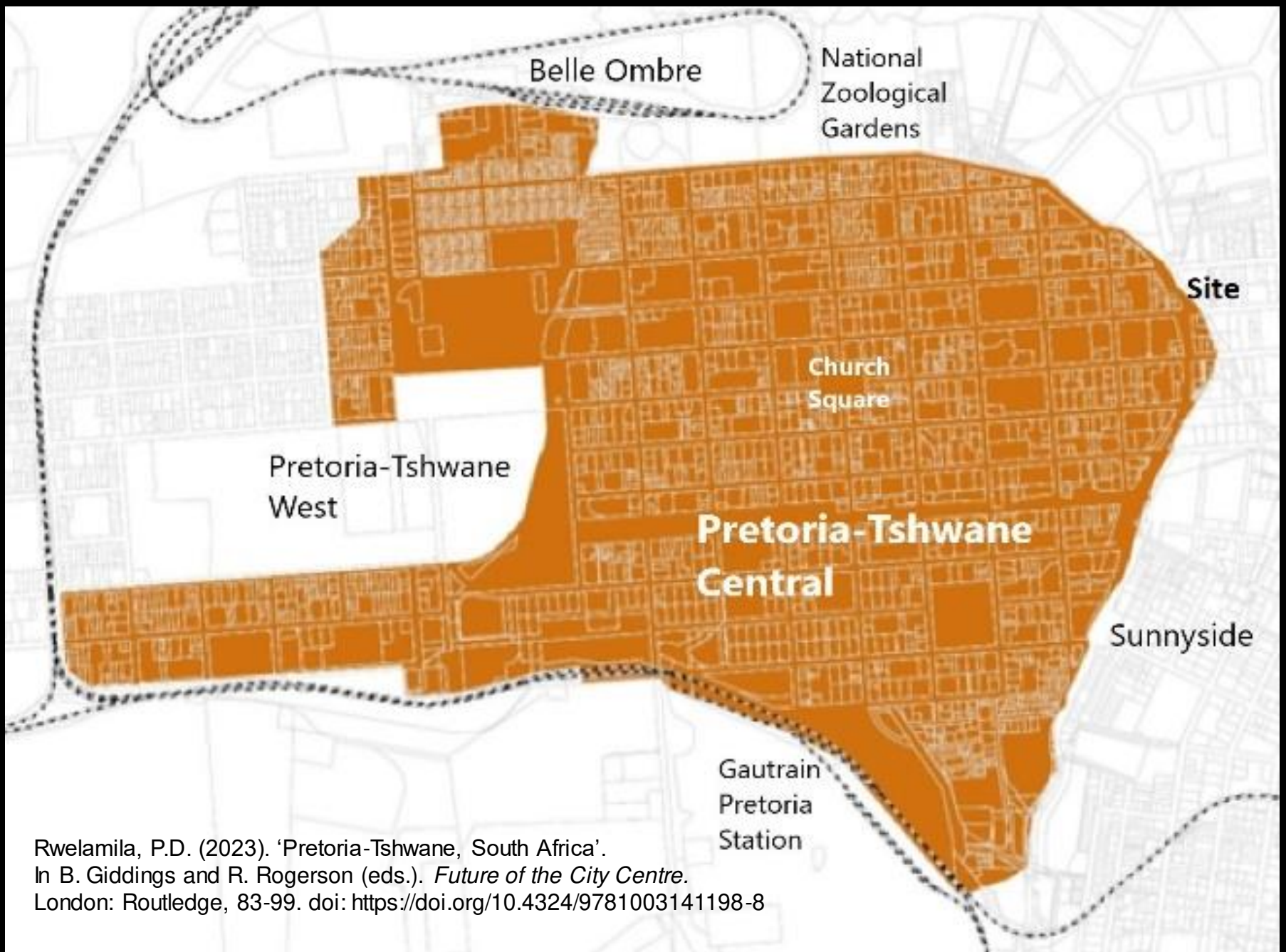
<https://www.futurecitycentre.com/tshwane-pretoria>

It is an opportunity to explore, develop and present ideas

The objective is to create a community

design of inside and outside space

home – work – leisure – horticulture can be included



Belle Ombre

National  
Zoological  
Gardens

**Site**

Church  
Square

Pretoria-Tshwane  
West

**Pretoria-Tshwane  
Central**

Sunnyside

Gautrain  
Pretoria  
Station

Rwelamila, P.D. (2023). 'Pretoria-Tshwane, South Africa'.  
In B. Giddings and R. Rogerson (eds.). *Future of the City Centre*.  
London: Routledge, 83-99. doi: <https://doi.org/10.4324/9781003141198-8>

Open to third year students at:

Cape Peninsula University of Technology –

Architectural Technology and Interior Design

Durban University of Technology - Department of Architecture

Nelson Mandela University - School of Architecture

Tshwane University of Technology –

Department of Architecture and Industrial Design

University of Cape Town –

School of Architecture Planning and Geomatics

University of Johannesburg - Architecture

University of KwaZulu-Natal – Architecture, Planning & Housing

University of Pretoria – Department of Architecture

University of the Free State – Department of Architecture

University of the Witwatersrand - School of Architecture and Planning

# Evaluation criteria

**high quality design – attractive, interesting,  
and comfortable place to live** but more is needed

## **philosophy of approach**

explore environmental sustainability

support economic sustainability

value social sustainability

assist diversity and inclusion within the population

promote innovative building technologies

and indigenous materials

respond to the site opportunities and challenges

enhance the lives of residents and neighbours

## **focus on what interests you**

quantitative and qualitative research is welcomed

Teams of 2-6 members, as the students prefer

Teams can include students at the same university from other disciplines to provide specific expertise, if desired



## **Submissions**

Submissions should be made electronically by each student team

The submission should be one slide only in portrait orientation that demonstrates the proposals

It should include plans, sections, elevations, and three-dimensional representations

but also include diagrams and limited text that identify the approach, solutions, research, and non-architectural aspects of the proposals

It will be printed at A1 size (841 x 594mm)  
please ensure the detail will be clear at that size, and the  
resolution is sufficiently high

unclear submissions will be difficult to judge

submissions should be made as a jpeg/pdf attachment or  
by we transfer to

[CIBCcityCentreSustainableDesign@gmail.com](mailto:CIBCcityCentreSustainableDesign@gmail.com)

by **Monday 16 October**

*nb submissions will not be accepted after this date.*

It is recommended that you submit before the deadline to  
avoid any technical issues

an acknowledgement of receipt will be sent by email.

Please ensure that there are no identifiers such as names or university information on your sheet

All entries must be anonymous. Your submission should be accompanied by the names of team members and the name of the university

You will be allocated a reference number, which should appear clearly on the front of your submitted slide

# Prizes

<b>Overall Scheme</b>	Rand ZAR
First Prize	10,000
Second Prize	7,500
Third Prize	5,000

## **Sustainability Prizes**

Environmental	7,500
Economic	7,500
Social	7,500

## **Sponsors Prize**

Innovative Building Technologies and Indigenous Materials	8,000
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## **Judges**

Council for Scientific and Industrial Research (CSIR)

National Home Builders Registration Council (NHBRC)

National Department of Human Settlements (DHS)

Pretoria Institute of Architects (PIA)

International Council for Research and Innovation in Building  
(CIB)

Boogertman and Partners (B+P)

# **Judging, Exhibition and Prize-giving**

Judging: Thursday 26 October

Exhibition and Prize-giving: Friday 27 October

University of Pretoria Department of Architecture,  
Hatfield Campus, Lynnwood Road

## References

<https://www.futurecitycentre.com/tshwane-pretoria>  
nb Dennis Madumo, City of Tshwane

OECD (2023). Africa's Urbanisation Dynamics 2020: Africapolis, Mapping a New Urban Geography | en | OECD [ONLINE] Available at: <https://www.oecd.org/development/africa-s-urbanisation-dynamics-2020-b6bccb81-en.htm#:~:text=Africa%20is%20projected%20to%20have,it%20also%20poses%20significant%20challenges> [Accessed 19/5/2023].

Saal, Q. (2023). Silence on far-reaching changes in housing delivery during SONA | GroundUp [ONLINE] Available at: <https://www.groundup.org.za/article/ramaphosa-silent-on-far-reaching-changes-in-housing-delivery-during-sona/> [Accessed 19/5/2023].

Rwelamila, P.D. (2023). 'Pretoria-Tshwane, South Africa'. In B. Giddings and R. Rogerson (eds.). *Future of the City Centre*. London: Routledge, 83-99. doi: <https://doi.org/10.4324/9781003141198-8>