

www.emergecompetition.com
info@emergecompetition.com



Emerge Architecture Competition
'Rising Youth'

JURY REPORT

SPONSORS



Thank you to all the sponsors and judges for your commitment to making this a successful competition

High unemployment and under-employment statistics amongst the youth in Zimbabwe cannot go unnoticed. The need for strategic partnerships is now evident.

Where can our youth acquire the work experience and skills necessary to keep driving our economy? Where can our young people meet business owners, like-minded peers and mentors or access business advice and support services to get their ideas off the ground?

In 2016, *Emerge* is addressing this issue through proposing a brief that rethinks the traditional youth centre building typology.

***Emerge* would like to see your new visions for a Youth and Entrepreneurship Centre.**

The Youth and Entrepreneurship Centre aims to enhance the youth's economic participation by providing incubation spaces that offer skills and mentorship programs.

This centre will integrate business incubation, skills training and social interaction in a safe and secure environment. It will be animated by the activity and opportunity offered in the spaces. Participants are called to create a dynamic landscape that reflects the vibrancy of such a centre.

If we can offer our youth spaces and opportunities to innovate in business and technology, we can start addressing the socio-economic problems that plague our country.

Submissions should however consider (but not limited to);

- Sustainability
- Aesthetics
- Building technology
- Functionality
- Spatial configuration
- Choice of materials
- Human interaction

Participants should accommodate the following functions:

Management

- Staff Offices
- Reception & Security
- Information Centre

Public

- Café/Restaurant & Kitchen
- Hall & Exhibition Area
- Field (For casual ball games)
- Landscaped green space

Workrooms

Meeting rooms
Training rooms
Auditorium/Screening room
Workshops/Fabrication Labs (equipped with machinery tools and materials)
Computer/ e-resource room
Library
Break out spaces

Service Areas

Store rooms
Ablutions
Utility rooms
Parking Bays

The project functions above provide the minimum requirements of the competition and can be morphed, adapted and focused for each participant's proposal.

SITE

The site can be of any size or form, chosen by the entrant, but limited to the Zimbabwean context.

PRIZES

A total of R20 000 will be awarded as follows:

1st PRIZE:

The winning proposal will receive R10 000. This will be put towards the designer's school fees.

2nd PRIZE:

The second prize will receive R6 500. This will be put towards the designer's school fees.

3rd PRIZE:

The third prize will receive R3 500. This will be put towards the designer's school fees.

Honourable mentions will be published on the *Emerge* Competition website.

PUBLICATION/MEDIA

Winners will be published in **POVO SustainZim Journal**

Winners will be published by **BeFront Magazine**

Winners will be featured on the **ZTV Build | Construct** show

JURY



RUVIMBO PENINA MOYO
EMERGE COMPETITION
FOUNDER/ARCHITECT



HENRY ABOSI
ARCHITECT/LECTURER/EDITOR



YUKI KAMIYA
ARCHITECT



PROFESSOR JOHN KNIGHT
ARCHITECT/LECTURER

The jury comprised of an international panel of professionals including Architects and Designers.

RUVIMBO MOYO | FOUNDER/ARCHITECT

Ruvimbo Penina Moyo obtained a Master of Architecture (Professional) degree from the University of Cape Town. She is interested in the relationship between sustainability and housing in contemporary Africa and has spoken on this topic at the 2011 Decorex 'Conversations on Architecture' in Cape Town. Her thesis based paper 'Utopia of the Developing World' was published in the 2013 Zawia 'Utopia' issue (Milan, London, Cairo) and also featured in the POVO Journal 2014 Inaugural Women's Edition.

Her paper 'Nkandlagate: Only Partial Evidence of Urban African Inequality' was published in the Massachusetts Institute of Technology- Department of Architecture journal 'Thresholds 43: Scandalous' in 2015.

She has worked at Pearce McComish Tarabuku Architects in Harare, Louis Karol Architects in Cape Town and currently works at Fabian|Make Architects in Cape Town.

HENRY ABOSI | ARCHITECT/LECTURER/EDITOR

Henry Abosi is an architect, lecturer at UCT and editor of BeFront Magazine.

He graduated cum laude with a Master's degree in Architecture from the University of Cape Town. He is interested in large spatial dynamics and their relationship to the human scale, particularly, large scale infrastructure and public buildings.

Henry is greatly influenced by classic cinematography and film history. His passion lies in film-making and writing.

At the beginning of 2016 Henry founded BeFront Magazine, a platform for critical engagement with art, architecture and film. He has previously been involved with Elle Decoration and is currently collaborating with several artists in Cape Town.

Henry has worked for Revel Fox, Peerutin and SAOTA. He is currently one of the lead design architects at dhk architects in Cape Town.

YUKI KAMIYA | ARCHITECT

Yuki Kamiya graduated from Mie University in Japan. While he was a student, he travelled to more than 10 countries exploring architecture in developing countries.

As an architect, he has worked Katsutoshi Sasaki + Associates in Japan, receiving recognition and awards for the projects he was a part of.

He participated in the JICA/JOCV (Japanese Government Program) and was assigned to Harare Polytechnic as an architectural lecturer in Zimbabwe. During this time, he designed the 'Harare Child Care Centre'. The project was exhibited in Tokyo and Kyoto, Japan and awarded the Space Design Review 2014 prize. After working there for two years, he moved back to Japan.

He is now based in Aichi, Japan and has opened his office, 1-1 Architects that offers architectural services globally.

PROFESSOR JOHN KNIGHT | ARCHITECT

Prof. John Knight commenced his architectural studies at the University of Cape Town completing them at Kingston Polytechnic, UK with a commendation in Design. Upon graduation he practiced in London before returning to his home city, Bulawayo, Zimbabwe where he registered as an architect and commenced his own practice working on several National Monuments including the award winning renovation of the National Gallery in Bulawayo.

In 2001 he moved to France establishing a practice and undertaking a large variety of projects including several heritage buildings with his competition entry for the St Malo Crematorium being selected and built. In 2008 he moved to the UAE becoming involved on a number of high profile projects including the New York University in Abu Dhabi working for Rafael Vinoly Architects and designing the Al Quoz Mall winner of the Leisure and Tourism MEED (Middle East Economic Digest) Project of the Year 2012 whilst working for GHD (Global).

He has since returned to Zimbabwe to lecture as Associate Professor at the National University of Science and Technology. While architectural design remains his primary interest he is involved in raising awareness of historic buildings of Bulawayo and in vernacular architecture of the surrounding region including the World Heritage Site of the Matobo Hills where he co-founded My Beautiful Home Competition and Research which looks at promoting the local tradition of painting and decorating homes using natural materials. He has also a keen interest in sustainable design particularly alternative technologies using recycled materials.

JURY GUIDELINES

The Jury used the guideline below in judging the projects.

ORIGINALITY & RELEVANCE | 20 MARKS

The judges consider the Design Intent, concept and originality of the participant's idea, the relevance in its context along with the issues raised in the participant's Design Intent.

SPATIAL ORGANISATION & FUNCTION | 20 MARKS

The judges consider the planning and spatial layout of the building and how it responds to the concept and design intent. A comparison to the schedule of accommodation provided in the brief is also made.

'RISING YOUTH' | 20 MARKS

The judges consider the participant's response to the 2016 theme 'Rising Youth' and site chosen in Zimbabwe. The participants were also given leeway to incorporate and connect with other issues that interest them to add substance to their proposals, for example, cultural, environmental (sustainability) etc.

RESOLUTION | 20 MARKS

The judges consider the form, materiality, detailing, usability and technology used (especially for the Zimbabwean context), and the innovation and expression of the project.

OVERALL SUBMISSION | 20 MARKS

The judges consider the submission as a whole. This includes quality, aesthetics (presentation and building form), and response to the brief, innovation, creative solutions, ideas brought forward and a clear stance taken.

TOTAL | 100 MARKS

GENERAL COMMENTS

Emerge promotes innovative concepts that re-think the current rural and urban conditions of Zimbabwe, seeking new proposals that are a direct reflection of the country's transformative efforts in mobilizing young designers to make vital contributions to their communities and country.

This year Emerge chose the theme 'Rising Youth' to confront pertinent issues faced by our youth today and the body of work received displayed passion, skill and hope that excited the judges.

It was interesting to see the diverse responses to the brief. Most of the projects had a sustainable undertone which was admired by the judges but care is to be taken in the implementation of these sustainable techniques and in material use so that it works with the building structure and concept.

The judges also identified two groups of submissions, one with a desire to create dynamic spaces using curvilinear planes that referenced Zimbabwe's vernacular architecture and the other with more rigid, linear forms. They both brought their own challenges; the former requiring more tact and precision to achieve the desired result while the latter had the tendency to become too restrictive and institutional, counteracting the 'entrepreneur' attitude the brief was seeking.

The judges also discussed scale. Although there was the need to meet the programmatic requirements in the brief, projects needed sensitivity to keep the project within the accessibility of a youth centre that was inviting and that promoted the entrepreneurial and supportive discussions amongst the youth.

The future of these young Zimbabwean architects is promising and we thank all the students that took time to create inspiring projects that our country needs.

WINNING PROJECTS



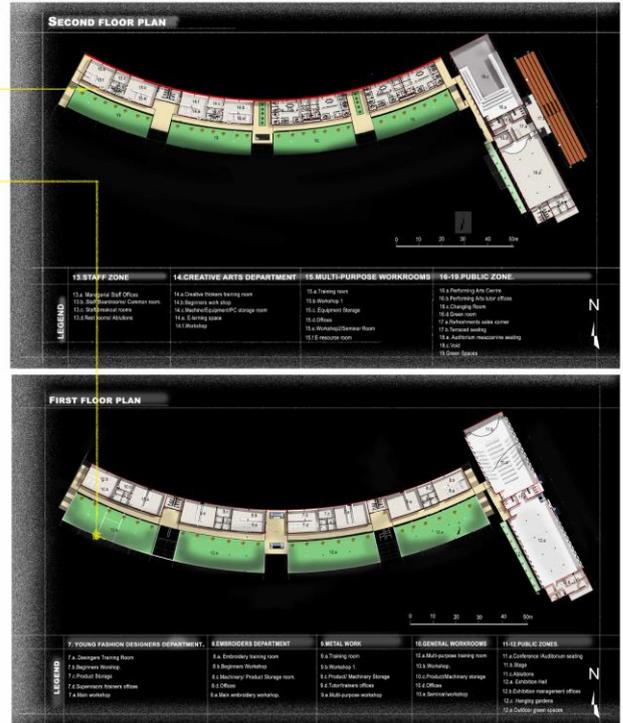
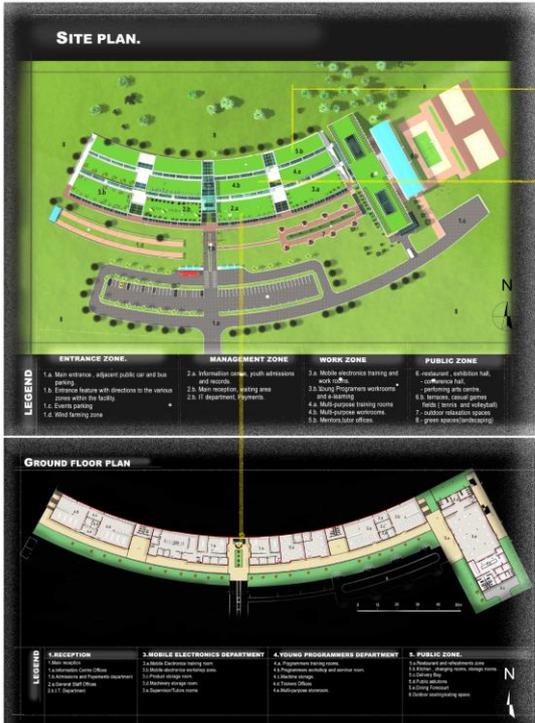
The winning project by Verney Moyo exhibits a good understanding of space and form. This design process is rational and clear, supported by beautiful explanatory diagrams, sketches and well-organized plans. The 'Nest' manages to create a strong connection with the existing site through its axial routes and pods. The use and investigation of recycled materials also strengthens this work. This building responds well to the competition brief and exemplifies the provocative projects Emerge seeks to develop in Zimbabwean students.

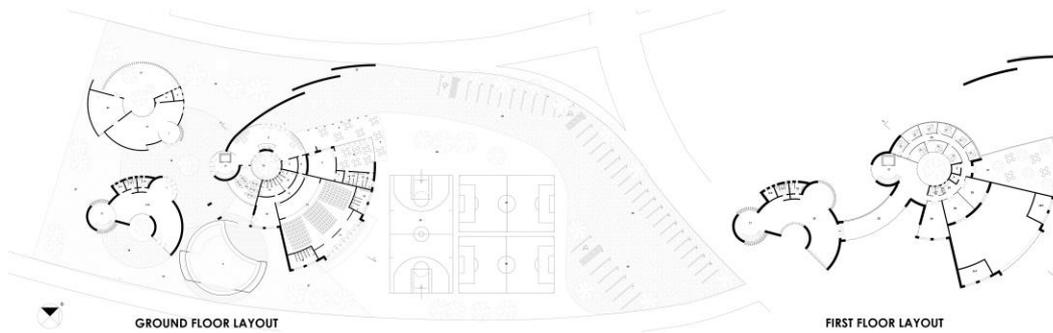
In second place, the proposal by Tichaona Owen Gondo displays great ability to create functional and ordered spaces. The theme 'Rising Youth' is taken conceptually to create a terraced building representing ascension to the facility that provides superb views from the building whilst creating almost continuous green space on the roofs for outside activities. Beautiful imagery brings the project together.

In third place, the proposal by Proud Dube references vernacular architecture with curvilinear planes, communal space creation and material use. A dynamic space and architecture is created evoking the feel of a vibrant youth centre.

Highly Commended is Mthokozisi Orlence Sibanda's proposal that identifies an existing problem and offers a solution that is subtle, but also effective. The repurposing of abandoned factories stands strong symbolically within theme 'Rising Youth' and within the global narrative of sustainability. Its modesty in form and aesthetics matches the place and needs of youth particularly those who are looking for ways to earn a living or start a business whilst avoiding the author's fear of creating a white elephant.

Congratulations to our winners.





GROUND FLOOR LAYOUT

FIRST FLOOR LAYOUT



SECTION S01

- GROUND FLOOR LAYOUT**
1. MAINTENANCE
 2. RECEPTION AND WAIT LOBBY
 3. STAIR
 4. STORAGE AND SECURITY
 5. BARING KITCHEN
 6. KITCHEN
 7. CLOZONUM
 8. INDOOR RESTAURANT
 9. OUTDOOR RESTAURANT
 10. TOILETS
 11. AUDITORIUM Foyer
 12. AUDITORIUM
 13. HALL AND EXHIBITION
 14. BACKLAGE
 15. REARLAGE
 16. CHANGING ROOMS
 17. SHOWER ROOM
 18. LOCKER ROOM
 19. HALL
 20. WORKSHOP
 21. WORKSHOP COURTYARD
 22. INFANT WALLS
 23. PARKING
 24. BASKET BALL
 25. THE ARSE
 26. FORMAL GARDENS
 27. BARING ARENA
 28. LANDSCAPED AREA (GREEN VALLEY)
- FIRST FLOOR LAYOUT**
29. OFFICE TRAINING ROOMS
 30. TERRACE
 31. CONVENTION BRIDGE
 32. LIBRARY
 33. SMITHENITE
 34. AUDITORIUM CONTROL ROOM AND PROJECTION



NORTH ELEVATION



EAST ELEVATION



WEST ELEVATION



SOUTH ELEVATION

EMERGE:
RISING YOUTH

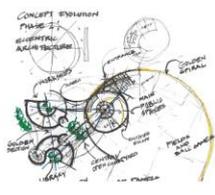
ENDAWENI
YOUTH AND
ENTREPRENEURSHIP
CENTRE

2016_134

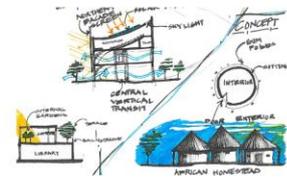
LOCATION:
BULAWAYO:
ALONG MATOPOS
ROAD; FIFTEEN AVE.
STOCKTON STREET
& DORCHESTER RD.



CHOSEN SITE



CONCEPT SKETCHES



3D MODEL FROM REAR



3D MODEL FROM FRONT



PERSPECTIVE FROM REAR



PERSPECTIVE FROM FRONT

EMERGE:
RISING YOUTH

ENDAWENI
YOUTH AND
ENTREPRENEURSHIP
CENTRE

2016_134

LOCATION:
BULAWAYO:
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STOCKTON STREET
& DORCHESTER RD.

REPURPOSE

THE PROBLEM

Unemployment of the youth in Zimbabwe is a crisis that has increasingly led to many youths losing hope for the country. Most of the youths do not realise their potential and thus fail to envision the capacity of their future as they live to today their potential.

THE SOLUTION

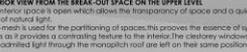
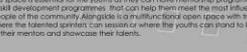
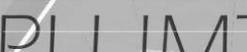
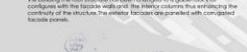
Architecture won't readily create employment for all the youths. But if it can metaphorically unlock the youths' potential to realise the possibilities from what is around them.

This proposal aims to repurpose an abandoned factory along Kingsway in Plumtree into a youth and entrepreneurship centre. Its new purpose is to enhance the skills of the youth and enable social change to discover their potential through the empowerment of the local youth.

From my research most youth centres on Zimbabwe have turned into white elephants. This is because architecture has always been approached from a rational point of view as something purposeful something that is created only for the physical purpose of giving shelter and aesthetics.

Therefore there is high need for architecture to communicate to the mind.

By repurposing the abandoned factory into a youth and entrepreneurship centre it will help them to repurpose in their mind and restructure their spirit to unlock their potential.



LOCATION

PLUMTREE TOWN



EXISTING FACTORY



SKETCH SHOWING THE LAYOUT MAP



FORM DEVELOPMENT

gable-end panels



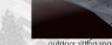
REVEAL PANEL DETAIL

cast-in-place concrete



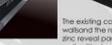
OUTDOOR SITTING SPACE

outdoor sitting space



CAST-IN-PLACE CONCRETE

cast-in-place concrete



EXISTING COLUMNS

existing columns



EXISTING COLUMNS

existing columns



GROUND FLOOR



FIRST FLOOR



SECTION VIEW SHOWING THE ENTRANCE THE HANGOUT/ LOUNGE SPACE AND THE INDOOR CASUAL SPORTING SPACE



SECTION VIEW SHOWING THE OVERALL VIEW OF THE INTERIOR SPACES

The lower level has most of the common spaces such as the lounge/hangout space, the two outdoor exhibition spaces, the indoor casual sporting spaces, and the restaurant. The upper level is used for the partitioning of the common spaces to enhance transparency throughout the building. Brick walls are used to enclose the management offices and the kitchen. The glazed curtain walls on the front facades allow light to flow into the building.

Registration number 2016_107
Sibanda...
Panel 01

PLUMTREE YOUTH AND ENTREPRENEURSHIP CENTRE REPURPOSE



INTERIOR VIEW OF THE LOUNGE AND FORUM
This space is essential for the youths as they can have mentorship programmes or skill development programmes that can help them meet the most influential people of the community. Alongside the lounge and forum are the indoor casual sporting spaces where the talented athletes can train or where the youths can go to listen to their mentors and showcase their talents.



INTERIOR VIEW FROM THE BREAK-OUT SPACE ON THE UPPER LEVEL
The interior space is open which allows the transparency of space and a quick flow of natural light. Wire-mesh is used for the partitioning of spaces, this provides the essence of synthesis as it provides a contrasting texture to the interior. The cast-in-place concrete that admitted light through the monolithic roof are left on their same position.



INTERIOR VIEW SHOWING THE INDOOR CASUAL SPORTING FACILITY
In this indoor casual sporting space the youths can mingle and connect as they meet each other. Casual sports like basketball and soccer can be played and this empowers the youth to find themselves in the Centre. Alongside the casual sporting space is the restaurant and cafe, the showcasing auditorium and the technology hub.

THE EXTERIOR
The exterior of the Youth and Entrepreneurship Centre provides outdoor sitting space that is in front of the building. The existing wall is retained to configure with the roof that acts as a shading device to the glazed curtain wall and at the same time it facilitates terraces where the youth can sit and spend their time. The structure of the new structure is covered with a continuous flow of Reveal panels. The front facades face the east and thus allowing natural light on the eastern side of the building. The brick walls on the front facade are perforated with a series of rectangular openings that also aid in the ventilation of the building. The building uses solar power which makes it most sustainable. Alongside the pavement are the steel balconies and outdoor sitting benches that guide the paving team to the entrance. The wide pavements allow the youth to appreciate the views of the repurposed abandoned factory that belong to them, the sense of liberty and freedom to repurpose in their minds and unlock their potential.



Registration number 2016_107
Sibanda...
Panel 02