

Moreleta Park Integration Project Research Report 2020

ISF Honours Students introduction

As a group of 7 researchers within the University of Pretoria's Architecture Honours course, we have conducted research in and around Plastic View and Cemetery View since the beginning of the year. Throughout the process, all of our findings have been compiled in 3 parts and made available to individuals and institutions that could benefit from it. This report will provide a brief summary of the available information and how it can be accessed.

Overview of process/involvement

1. Mapping Booklet

This part of our research combines **quantitative and qualitative mapping** of the settlements, including historical development, current conditions, access to services, available skills, and aspirations within the community. This information was collated into a digital booklet which can be accessed here: [Moreletapark Integration Project Phase 1 - Community Mapping Booklet](#)

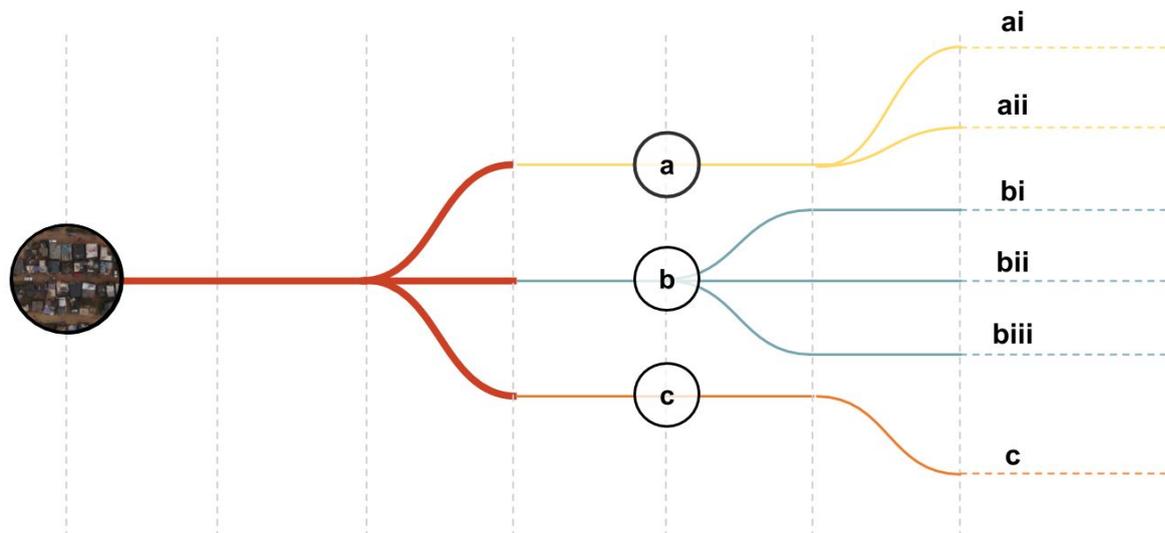
2. Community Action Plans

Following the mapping, community action plans were formulated to address 3 pertinent issues found within Plastic View - awareness and **media** action, **water** distribution and reuse, and **sanitation** infrastructure. These proposals were broken down into phases with possible plans of implementation. Like the mapping component, the Community Action Plans were consolidated into a booklet which can be accessed here: [Moreletapark Integration Project Phase 2 - Community Action Planning Booklet](#)

3. CoDesign Project Proposals

Finally, the third phase of our involvement concerned the generation of design proposals, based on the completed research and with input from relevant stakeholders, which could help address pressing issues within the settlements. A main focus of these proposals was the concern of community involvement and ownership. The project proposals also include possible small-scale projects or steps which could be implemented as part of the University of Pretoria's JCP Community Outreach Program. These proposals are available for further information and can be accessed here: [Moreletapark Integration Project Phase 3 - CoDesign Proposals folder](#). The next part of this report will provide a brief overview of the proposals and possible small-scale projects generated by the researchers.

CoDesign Project Proposals



Group A

Group A - Addressing issues of physical and systemic boundaries present within contemporary South African urban environments. Emphasis has been placed on human dignity and equitable urban spaces.

Ai. Health Support (002_2020_Q2_Buffa_AG_Video)

The intervention seeks to join the Imvelo Pilot Project to Cemetery View physically and through skill sharing and development. A flexible structural system which could be developed using local skills and materials is proposed. This could contribute to further contextual technological and spatial innovation in a collaborative process between community members and stakeholders.

Proposed JCP project element - The construction of a screen wall to test the proposed structural system and generate initial community participation and buy-in. This project has been proposed on two specific sites but could be completed elsewhere within Imvelo/Cemetery View as a catalytic intervention.

The full project proposal and JCP brief/drawings are available if stakeholders wish to take one or more components forward.

Aii. Basic Community Amenities (003_2020_Q2_Katranas_A_Video)

The outcomes of this project may be split into **three deliverables**, with the overall intention being to provide crucial basic amenities in terms of sanitation and water - whilst further taking the provision of public space into consideration.

These three deliverables are applied to two streams of sanitation provision, the first being a public ablution facility approach, and the second being a private ablution approach. It is hoped that these approaches may work together in the process towards securing human dignity.

1. In terms of public ablutions the first outcome is the concept of a modular, versatile infrastructure **prototype**, which may accommodate a variety of different sanitation systems. It is hoped that this may be explored within Cemetery View, and there is opportunity to pilot vermicomposting systems within the site of the Imvelo Pilot Project if research support from the University is possible. For the sake of the private abluion stream, further research will need to be conducted more closely and directly with individuals from the community.
2. The second outcome is suggestion of **site placement** for each prototype. The project may assist in suggesting possible placement of water tanks and abluion facilities, with relation to the Imvelo Pilot Project and donated tanks / portable ablutions through SA Cares for Life.
3. The third outcome looks at further **spatial exploration** of the prototypes within one of the chosen site placements. This may be useful in interrogating the relationship between a community centre, water filtration infrastructure, water tanks, and safe public ablutions.

Group B

Group B - Physical resource management interventions that focus on waste management, early childhood development and nutrition. Phase one is a series of JCP workshops to develop the systems in a small scale - with varying phase 2 and three interventions as discussed individually.

Bi. Open Farming System (005_2020_Q2_De Bruin_CJ_Presentation Video)

The JCP intervention process is as discussed in the video presentation to develop and document construction and farming systems. To be implemented in phase 2.

Phase 2 - the Imvelo project will use the knowledge developed in the JCP program to implement at larger scales for farming and construction of the functional spaces. Using local skills and materials from adjacent Plastic View and Cemetery View to build the structures, run community programs and maintain the farms.

The last phase will consist of documenting the whole process and package it as an open source design to be implemented city wide.

Bii. Waste Management (006_2020_Q2_De Klerk-De Klerk_JA_Video)

The project aims to develop local skills by providing opportunity. The focus of the interventions are on waste management within Cemetery View. By working with recyclers in the community and joining forces with NGOs to add value to waste the interventions seek to empower waste pickers and recyclers and by doing so activating a waste management culture.

1. The first proposal aims to work with the JCP programme to run a waste management workshop and build waste recycling corners in the community.

2. The second intervention aims to work with Volition BBC Proposals of waste buy back centres in CoT by proposing a waste recycling, collection and sorting centre at the entrance of Cemetery View
3. The third intervention aims to use this centre as an template for other communities within CoT that link to Volition BBC and other waste processing plants to make waste management part of the urban fabric

Volition BBC is a waste management and recycling initiative of PEN that Johan van Niekerk is running. It aims to empower waste pickers and recyclers within Pretoria.

Contact: johanvn63@gmail.com

Biii. ECD Child Development (007_2020_Q2_Nkomo_K_Video)

The primary focus of this intervention is to equip parents within communities with the basic knowledge needed to create play spaces through sustainable means 'sustainable play': p.66-68 and p.59 A similar approach is taken to equip already existing spaces to be more conducive for learning, for the benefit of older children. A voucher, points or local complementary currency system is a valid and effective means to arrive at a desired outcome, for this reason this project also proposes this system as a long term strategy to ensure that there is growth in leadership, education and all areas that make for a successful society: p.44-46 and p.60

Proposed JCP project elements -

1. With the assistance of existing ECD facilitators within the community, students are to work with parents and children within the community to create toys and educational games from recyclable material.P4-P7 pg57-59.
2. Working with the Power of the father community organisation Identify spaza shops with whom a voucher/complementary currency can be tested and/or implemented :P4-P7 p.44-46 and p.60, furthermore together with the spazashop owner identify how the space of the shop can used an a learning opportunity: P4-P7 p.43,p.48 also refer to P4-P7 p.59
3. Identify a public space within the settlement that is suitable for children. Create a nurture based play space as outlined on P4-P7p.59.

Super Tree Felling is a business owned by Mr David, a resident of Plastic View. One of the contacts students may use for sourcing material. Please note that Mr David is not responsible for the cost of logistics to transport items for the (sustainable play spaces) project.

Contact: David 074 352 4665

Group C (004_2020_Q2_Demba&Wessels_MD&SA_Video)

Group C - A focus was placed on the existing networks and skills within the settlements of Plastic and Cemetery View to develop a strategy and proposals that support a cooperative experience between individuals, groups, institutions and organisations. The aim is to test and implement smaller interventions/ideas in the community to stimulate user empowerment, trust and negotiation towards an eventual greater outcome.

The intervention proposals accumulate in an open source toolkit based on a greater strategy as explained in the presentation.

Proposed JCP project elements - Three streams are proposed from which JCP students may choose:

1. Implement the decision-making space proposal with the existing carpentry and weaving networks using recycled materials to generate retractable/foldable canopies. Please refer to the following pages for more information: P4-P7 of Group C, p.72-74.
2. Co-generate any type of furniture that the settlements may need to accompany the new canopy shaded areas, preferably using as many recyclable materials as possible. Please refer to the upcoming pages for this stream's idea: P4-P7 of Group C, p.78
3. Develop the database part of the toolkit in order to aid the residents in keeping track and recording new additions (prototypes, construction methods, stories etc) into a website or a physical data booklet. Kindly refer to P4-P7 of Group C p.89-93 for a better understanding

The LIFT foundation from the Moreletapark Congregation will be an essential contact for the above streams.

Foundation Coordinator - Retha Erasmus: 079 730 5985 / Retha.Erasmus@moreleta.co.za

Weaving Workshop Facilitator - Megan Crose: 076 270 0145 / megancrose@gmail.com

Skills development workshops information available

Information and possible material on several existing networks and skills development programs were uncovered during this project from which the Imvelo project and the JCP program could benefit. (see document titled LIFT Projects in c. folder for reference)

Important Information

Important contact details

Dr Martina Jordaan: Head of JCP programme at UP - martina.jordaan@up.ac.za

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CoDesign Honours Students 2020 - moreleta.communityactionplan@gmail.com

Thank You

We would like to thank all our codesign partners for their willingness to contribute time and creative thought to our projects, these outcomes would not have been possible without your input. We applaud the inspiring work being done within Plastic View and Cemetery View and wish all stakeholders the best of luck in their future endeavors. We hope the work we have done can contribute in some way to your efforts and the eventual realisation of a more inclusive and equitable city.

Kind Regards

CoDesign Honours Students 2020

