Presented by

Mr. Chisomo Phiri and Dr. Tom Sanya In association with

Dr. Kirsty Carden, Dr. Nikiwe Solomon, Dr. Amber Abrams, Dr. John Okedi,

Mrs. Faith Gara, Ms. Donna Shefer and Mrs. Mari Smith
Livable Neighbourhoods

Task based deliverables:

- Set out, aims and objectives
- Establish Methodology
- Conduct Preliminary evaluation – Sociological and Spatial
- Prepare Progress report – Cohort establishment and plan
- Prepare Interim report - Literature focus
- Prepare Progress report – Spatial and Urban planning
Baseline study
• Inquiry
• Map Study
• Spatial Development
• review
- INCREASING INEQUALITY
- ENVIRONMENTAL DEGRADATION
- POOR QUALITY PUBLIC SPACES
- ECONOMIC INEFFICIENCY
- INADEQUATE PROVISION OF SERVICES
The principles that steer Hout bay towards a water sensitive settlement. (Donna Shefer, 2020)

Strategy of implementation. (Mari Smith, 2020)
Hangberg Green Corridor. (Mari Smith, 2020)
Hangberg Node development.
(Mari Smith, 2020)
**Liveable Neighbourhoods:**
Water Sensitive Design Decision Support Platform

**Raw Data:** Existing and new information, data-sets, tools, products, processes etc

**Data Analysis:** understand nature and structure of data

**Decision support platform:** targeted data packages for different user & stakeholder groups

**Information Systems**
Lina Lukusa
PhD Research Strategy (Chisomo Phiri, 2020)
Review of Theory including Contextualism, Critical regionalism and the adaptation of Sustainable design and Water Sensitive Design.

Architectural theoretical framework, (Chisomo Phiri, 2021)
Fieldwork
Community engagement

PAR Mapping

Participatory action Mapping, (Chisomo Phiri, 2021)
Processed followed by the south African council for the architectural profession.

Methodology adapted from doctoral research by author, C Phiri 2021
The Livable house design will then follow a series of upgrades that incorporate the Livable house unit(s), the work unit(s), vertical circulation cores and localised urban agriculture.

Installations will need to be north facing with space marked out for upwards development. The upgrade phases are inspired by the backyarder culture, hinting at a general desire for this type of use model.

As the homeowner develops, so too their ability to provide housing as a land owner.

- Livable House
- Work unit/Connector
- Vertical circulation
- Urban Agriculture
Thanks for your attention