

Health Hardware Case Study

Utopia Homelands



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Northern Territory | Department of Health

Case Study - Overview



Indigenous
Communities
Central Australia
& The Barkly
Region

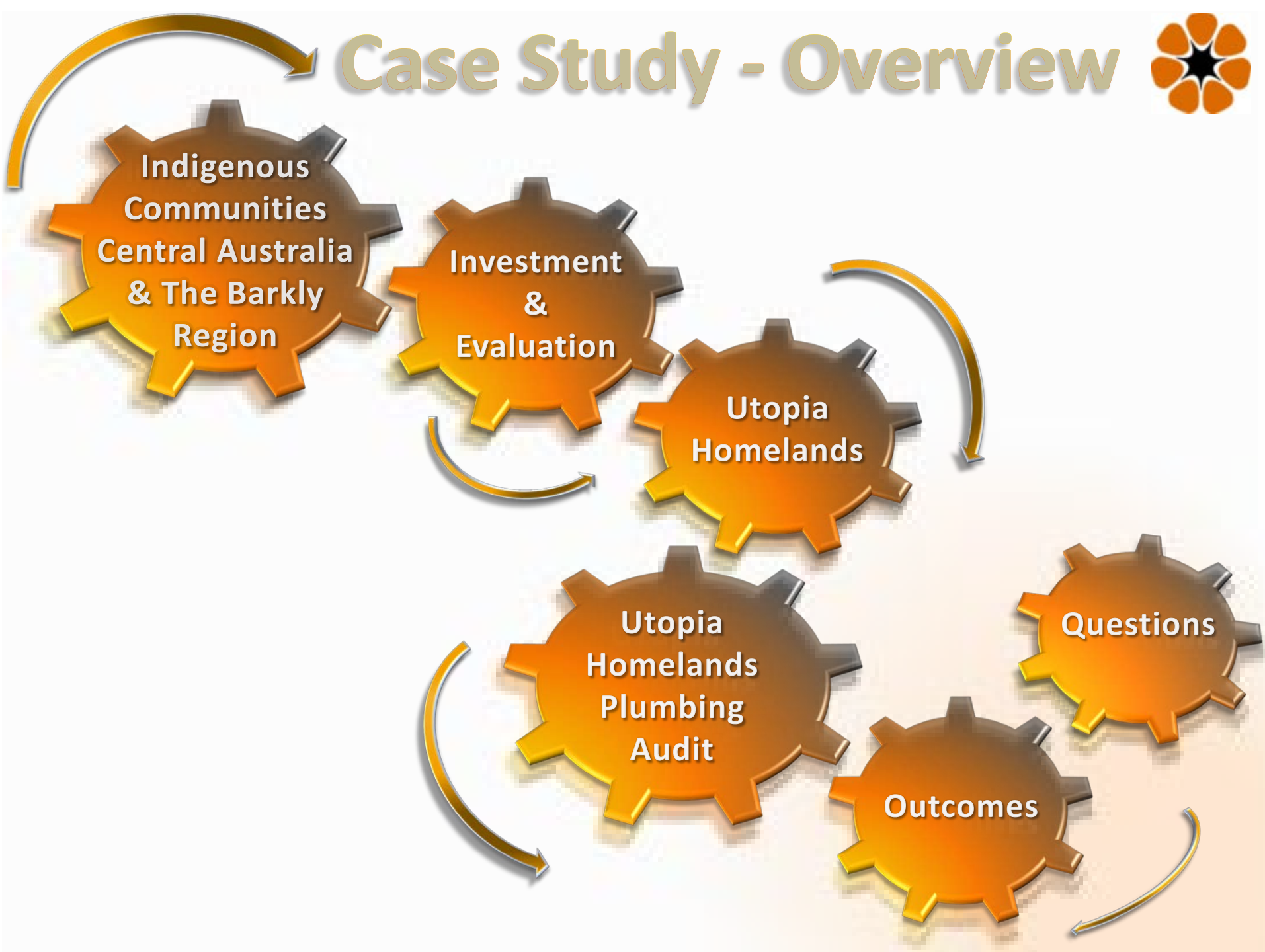
Investment
&
Evaluation

Utopia
Homelands

Utopia
Homelands
Plumbing
Audit

Questions

Outcomes



Community Distribution & Management



There are considerable constraints associated with vast distances, harsh remote environments, limited human and financial availability, and the constant deterioration of community assets.



Newcastle Waters Elliot

Lajamanu

W.A.

Q.L.D.

Tennant Creek

Canteen Creek

Wutunugurra

Willowra

Ali Curung

Alpurrurulam

Yuendumu

Yulamu

Ampilatwatja

Nyripi

Laramba

Utopia

Mt Leibig

Papunya

Atitjere

Alice Springs

Kintore

Haasts Bluff

Hermannsburg

Amoonguna

Areyonga

Santa Teresa

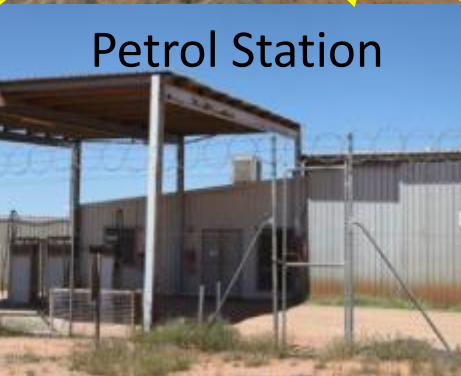
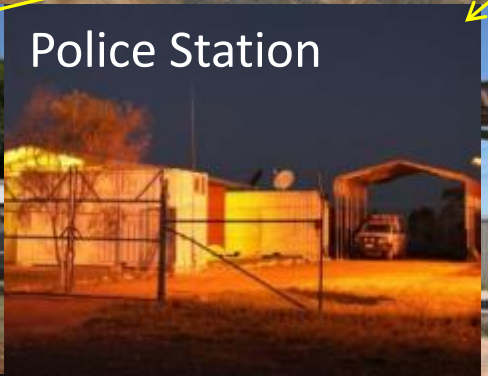
Titjikala

Mutijulu

Imampa

Finke

S.A.



Alpurrurulam & Utopia Homelands

Sandover Highway



- Inaccessible without a 4WD & during weather events (rain & high temperatures)
- Very high contractor expenses associated with travel constraints



Alpurrurulam & Utopia Homelands

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Investment & Evaluation

In 2014, the The Indigenous Advancement Strategy (IAS) replaced more than 150 individual programmes and activities with five flexible, broad-based programmes

- Reinvigorated focus return on investment – i.e Continuous Quality Improvement (CQI)

Targets	Investment & Evaluation
<ul style="list-style-type: none">○ Jobs, Land and Economy○ Children and Schooling○ Safety and Wellbeing○ Culture and Capability○ Remote Australia Strategies	<ul style="list-style-type: none">○ \$5.9 billion a year (est)○ 54% of funding - remote and very remote regions○ less than 10% evaluation of the current 1082 programs○ low return on investment○ Limited Indigenous input into program design and delivery (local governance)○ lack of comparative performance data and over-reliance on anecdotal evidence

Enter – Healthy Community Assessment Tool (HCAT)

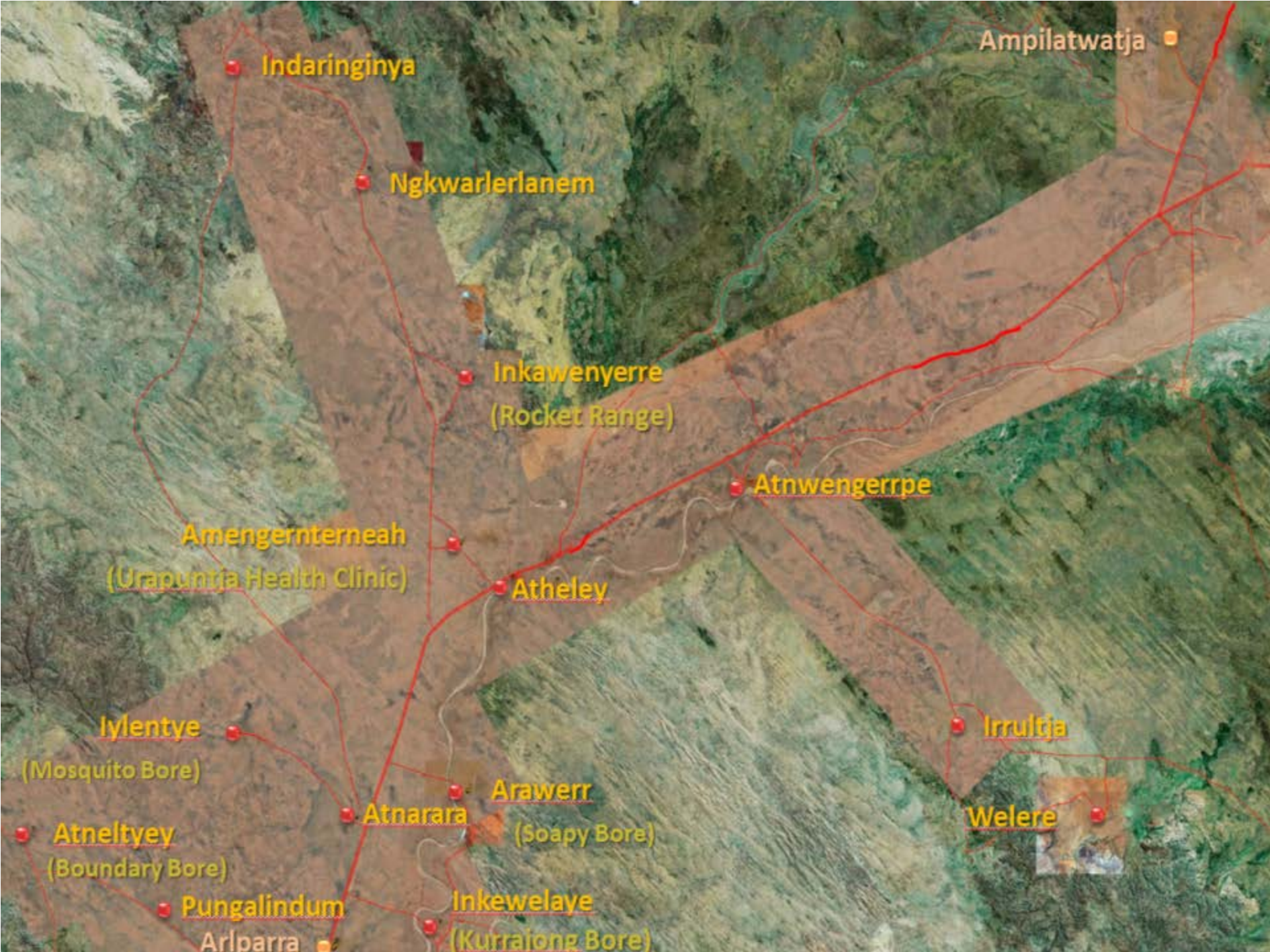


Its a tool to measure, monitor and evaluate key social determinants of health at a community level in Australian rural and remote communities.

Stakeholder Engagement	HCAT Outcomes (Objectives)
<ul style="list-style-type: none">○ Regional Councils○ Environmental Health Worker○ Aboriginal Health Worker○ Health Service Providers○ Essential Services Officer○ Community Groupsi.e. (Night Patrol, Aged Care, School Nutrition Program etc.)○ Food Stores○ NT Housing○ Power & Water	<ul style="list-style-type: none">○ Provide a user friendly, fit-for-purpose, analysis of the Social Determinants of Health○ Complement existing community profiling○ Compare the needs of communities to prioritise resource allocation○ Support potential Continuous Quality Improvement (CQI) programs○ Develop capacity to empower community leaders to take action to address inequities

Utopia Homelands Focus Communities





Ampilatwatja

Indaringinya

Ngkwarlerlanem

Inkawenyerre
(Rocket Range)

Atnwengerrpe

Amengernterneah
(Urapuntja Health Clinic)

Atheley

Iylentye
(Mosquito Bore)

Arawerr
(Soapy Bore)

Irrultja

Welere

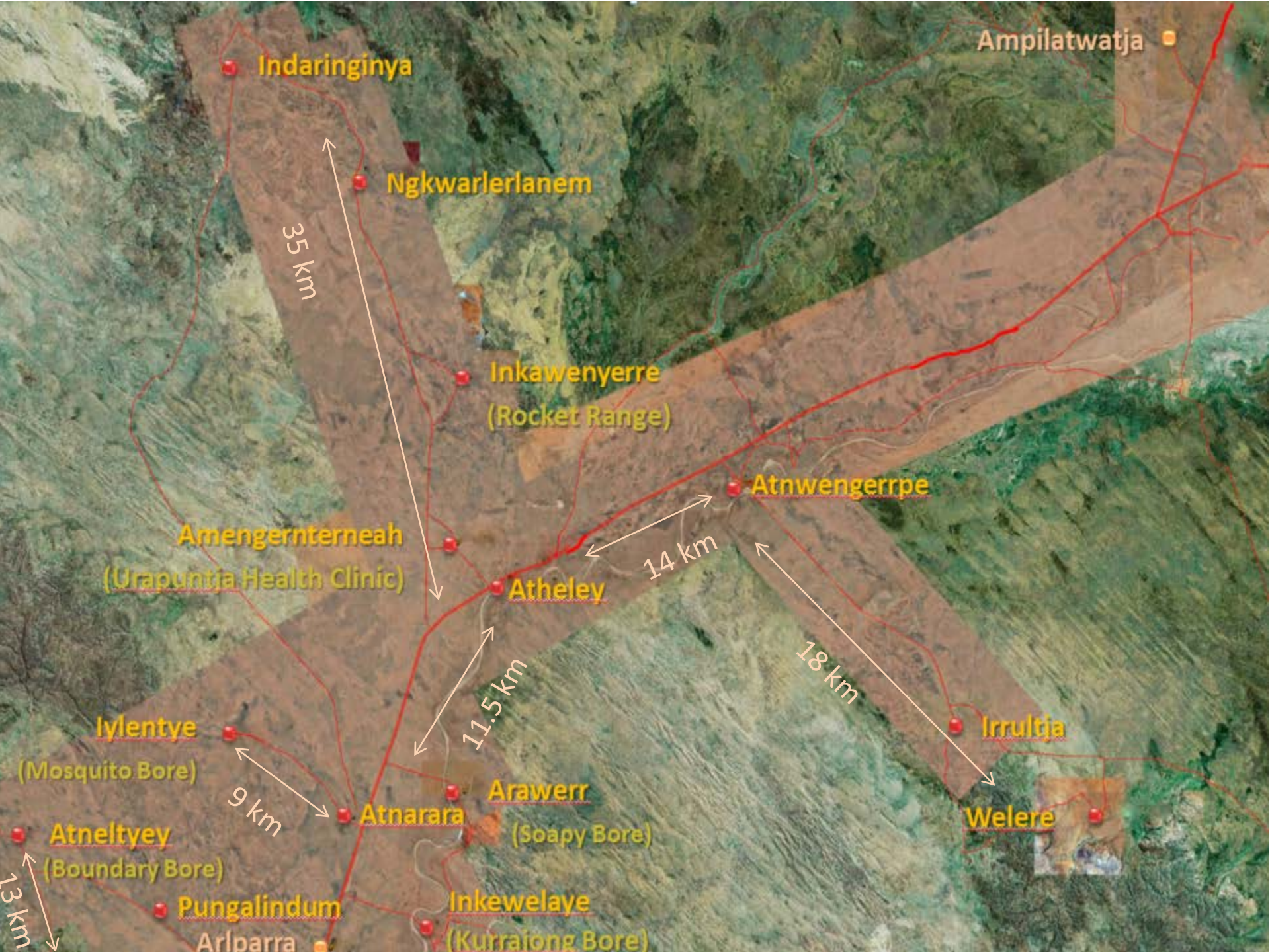
Atneltyey
(Boundary Bore)

Atnarara

Pungalindum

Inkewelaye
(Kurrajong Bore)

Arlparra



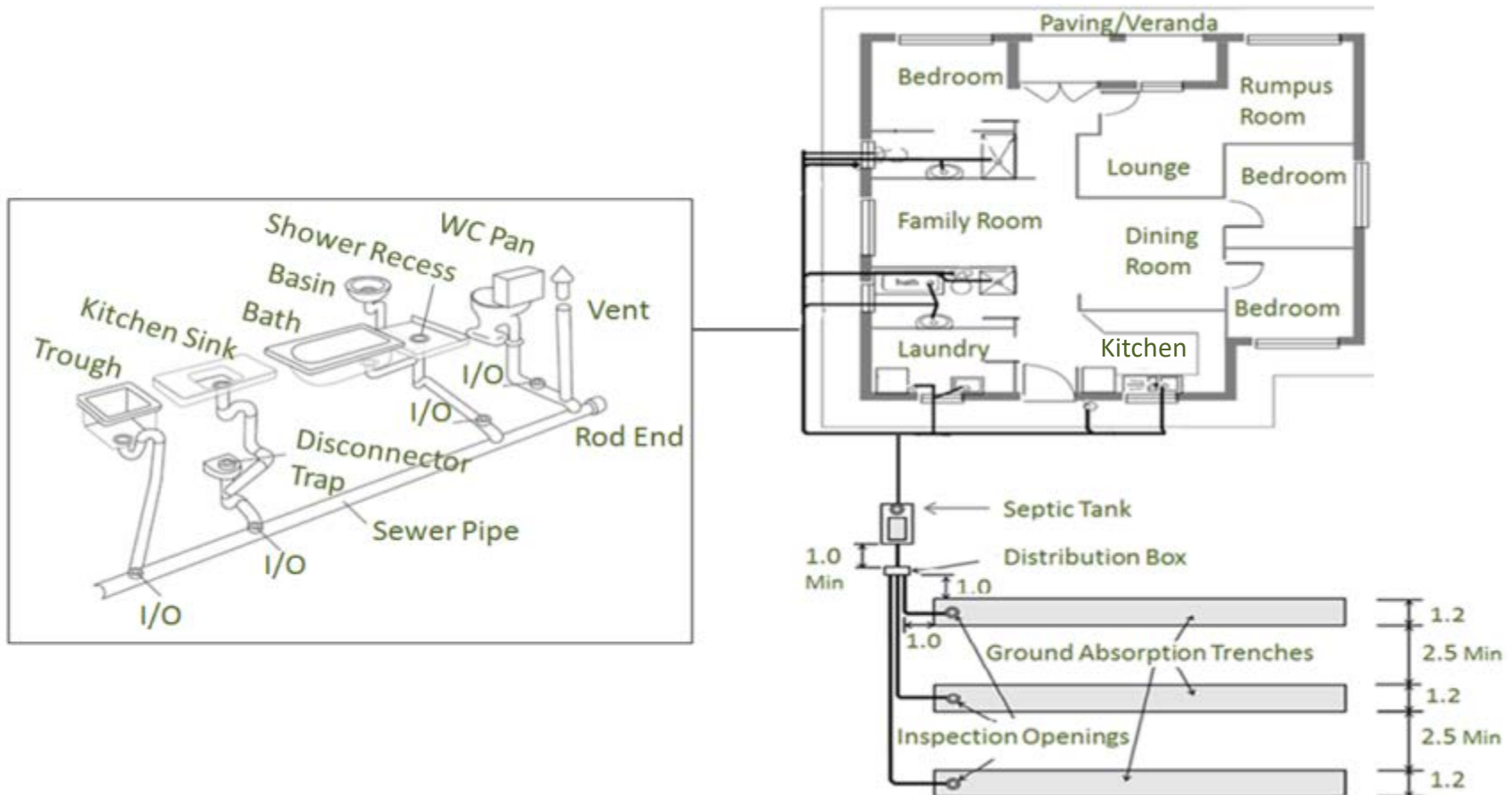
Utopia Homelands

Health Hardware - Plumbing



The HCAT process identified poor factors relating to 'Health Hardware' chiefly related to plumbing.

- o associated with internal wet areas, toilet and kitchen facilities, and external components associated with septic waste disposal.



Utopia Homelands

Health Hardware- Plumbing



Basic Housing (20 to 30 population)



Basic Kitchen



Bathroom



Laundry

Utopia Homelands

Plumbing Audit



Urapuntja Aboriginal Corporation is the Peak Body representing the people living on 16 Homelands – and co-facilitated the Housing for Health – Plumbing Audit

Stakeholders	Actions
Traditional Owners/ Local Authority	<ul style="list-style-type: none">○ Discuss salient plumbing issues with local community members○ Determine maintenance response times○ Obtain permission to undertake extensive review of plumbing issues
Urapuntja Aboriginal Corporation (UAC)	<ul style="list-style-type: none">○ Investigate in-line with the Plumbing Code & <i>Public and Environmental Health Act & Regulations</i>○ Provide legislative reporting correlated to direct public health risks○ Organise audit by qualified plumbers for all housing across the 16 Homelands○ Undertake joint on-site Inspections with designated plumbers○ Obtain a detailed plumbing report from plumbers in association with UAC across all 16 Homelands which highlights the complete cost of addressing all findings.

Utopia Homelands

Plumbing Audit - Overview



Poor Maintenance Schedules



Inappropriate Systems



Complete System Failure



Very Poor 'Code' Compliance

Utopia Homelands

Plumbing Audit - Overview



Vandalism



Plumbing Damage from Feral Animals



Private Organisations – Failing Systems



Aging Septic Systems and Root Systems

Utopia Homelands

Plumbing Audit - Overview



Limited Self Efficacy Amongst Locals



Significantly Hard Water (Calcium)



Damage from cars and foreign objects



Large scale requirements of whole systems

Project Funding Opportunities



Grant Availability	Administrator & Conditions
<ul style="list-style-type: none">○ NTG Special Purpose Grant○ Municipal and Essential Services Special Purpose Grant	<ul style="list-style-type: none">○ Department of Local Government & Community Services (DLG&CS)<ul style="list-style-type: none">▪ Assists local government services to improve community infrastructure and local government service delivery outcomes
<ul style="list-style-type: none">○ Aboriginal Benefit Account	<ul style="list-style-type: none">○ Prime Minister and Cabinet (PM&C)<ul style="list-style-type: none">▪ Initiatives that promote: economic development; small business, land, sea and waters management and use; community enhancement education; & leadership.
<ul style="list-style-type: none">○ Indigenous Advancement Strategy (PM&C)	<ul style="list-style-type: none">○ Prime Minister and Cabinet (PM&C)<ul style="list-style-type: none">▪ Initiatives under their community driven grants for remote Australia strategies
<ul style="list-style-type: none">○ Regional Economic Infrastructure Grant	<ul style="list-style-type: none">○ NTG - Department of the Chief Minister<ul style="list-style-type: none">▪ Requires at least 50% financial or in-kind support▪ Practical on-the-ground projects with tangible outcomes

Utopia Homelands - Plumbing



To Do List

<input checked="" type="checkbox"/>	<p>Report on the public health issues in accordance with:</p> <ul style="list-style-type: none">- <i>Public and Environmental Health Act & Regulations</i>- Code of Practice for Small On-Site Sewage and Sullage Treatment Systems and the Disposal or Reuse of Sewage Effluent (the Code)- Audit Findings (Urapuntja & Plumbing Agency)
<input checked="" type="checkbox"/>	<p>Disseminate report to all key stakeholders within Urapuntja Aboriginal Corporation (UAC) and Barkly Regional Council (BRC)</p>
<input checked="" type="checkbox"/>	<p>Monitor – ongoing fix & make safe program for all houses with no connection to water or sewage treatment (Managed by Urapuntja Aboriginal Corporation)</p>
<input checked="" type="checkbox"/>	<p>Establish commitment by BRC and UAC through commitment to a working group (Facilitated by Environmental Health)</p>
<input checked="" type="checkbox"/>	<p>Identify & obtain financial sources to address all plumbing issues across the entirety of the Utopia Homelands</p>
<input type="checkbox"/>	<p>Monitor ‘application process’ to alter or install septic systems for all ongoing works</p>

Utopia Homelands - Health Hardware (Plumbing) Service Provision & Project Management



Organisation	Actions
Department of Local Government & Community Services	<ul style="list-style-type: none">○ Provide funding through Office for Homelands, Outstations and Town Camps (HOTC)<ul style="list-style-type: none">▪ Housing Maintenance Services (HMS)▪ Municipal and Essential Services (MES)▪ Municipal and Essential Services Special Purpose Grant○ Re-awarded service contract within Utopia Homelands○ Allocated funding equating to \$1.2 Million<ul style="list-style-type: none">▪ Through service contracts and special purpose grant
Private Service Provider Contractor	<ul style="list-style-type: none">○ Overtook Municipal and Housing Service Provision in Utopia○ Sub-Contracted local plumber to re-audit Utopia Homelands○ Established Plumbing Program to fix and Make Safe immediate issues○ Committed to replacing all failing systems across Utopia

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Questions ?



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