



REPORT TO: CITY MANAGER

**TO BE REFERRED BY THE OFFICIAL TO MAYCO VIA THE WATER AND SANITATION
PORTFOLIO SECTION 79 COMMITTEE [AFTER CONSIDERATION BY CITY MANAGER]**

1. ITEM NUMBER

2. SUBJECT

**FEEDBACK ON THE INTERNATIONAL TRIP UNDERTAKEN FROM 26 TO
29 MARCH 2023 TO ATTEND THE SCALING UP OFF-GRID SANITATION
WORKSHOP IN LIMA, PERU.**

**TERUGVOERING OOR DIE INTERNASIONALE REIS ONDERNEEM VAN
26 TOT 29 MAART 2023 OM DIE WERKWINKEL OOR DIE UITBREIDING
VAN BUITENNETWERKSANITASIE IN LIMA, PERU BY TE WOON**

**INGXELO ENGOHAMBO OLUYA PHESHEYA OLUTHATYATHWE
UKUSUSELA NGOWAMA26 UKUYA KOWAMA29 KWEYOKWINDLA 2023
LOKUZIMASA IWEKSHOPHU ENGOKUPHUCULA UGUTYULO
LWANGAPHANDLEA ELIMA, EPERU
IZINDULULO**

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3. EVENT SUMMARY

EVENT DETAILS	
CONFERENCE/SEMINAR	<i>Scaling up off-grid Sanitation workshop in Lima, Peru</i>
OTHER	<i>Site Visit to Pamplona Alta informal settlement</i>
DATE	26 to 29 March 2023
VENUE	Lima, Peru
TOTAL COST TO THE CITY	R13 648.23
CITY	Lima
COUNTRY	PERU

ATTENDEE DETAILS	
NAME AND SURNAME	DESIGNATION
Mogamat Armeen Mallick	HEAD: OPERATING AND MAINTENANCE, ISBS
PROVIDE SUMMARY OF HOST ORGANISATION / CITY	
<p>The Catholic University of Peru together with its international research consortium partners have embarked on a research project focusing on an emerging off-grid sanitation option in the form of container based sanitation (CBS) across four (4) city contexts where the provision and regulation of container-based sanitation is done by different organizations.</p> <p>This research project is coordinated through an international consortium consisting of academics from Cranfield University and University of Leeds (England), Bangor University (Wales), University of Oregon (U.S), UWC (South Africa), Meru University of science and technology (Kenya), State University of Haiti (Haiti), and the Catholic University of Peru (Peru).</p> <p>The Project is funded by the Economic and Social Research Council (ESRC, U.K)</p>	

4. OBJECTIVE

The objective of the project is to make a contribution to knowledge specifically on adjusting normative urban sanitation planning assumptions away from grid-tied systems and on understanding how off-grid systems sanitation might be scaled up, managed and regulated. Findings will be presented at academic conferences including FSM6, UNC: Water and Health,

World Water Week. The structure of the project is designed to promote integration and cross-learning from global peers.

The overall aim of the study is to look at Scaling up off-grid sanitation. The project was initially due to start date on 1 April 2020 with a 36-month duration, but due to the impact of Covid19, the timeframes have been revised with the project set to run until September 2024.

The current research has been focussed on container-based sanitation solutions offered across various city contexts, namely Cape Town, Lima, Nairobi and Haiti.

Key objectives driving the study include:

- Investigate to what extent institutional, legal, and regulatory contexts enable the sustainability of CBS business models
- Determine if the designs of CBS services are inclusive or increase disparities within and between vulnerable groups and individuals?
- Measure how off-grid services like CBS impact the mental well-being of users
- Understand how CBS links with other urban services, e.g food, water, and solid waste, and the interactions between them
- Build a model for the improvement of other non-sanitation services to the cities' most marginalised populations

5. OUTCOMES

During the trip, the official was able to gain first-hand insight into the container-based sanitation offering by the non-for-profit organisation known as Sanima, which operates in Lima, Peru. This was facilitated by a site-visit to a local informal settlement in order to observe the operation as well as interview community members.

Representatives from the local Sanitation service provider and municipality were also invited to provide a platform for a Q&A session to gain an understanding of the legal, and regulatory contexts within which water and sanitation services are provided.

The workshop program included presentations from various academic and country partners on key topics linked to the project, which included research papers on various centred around sanitation provision.

A number of academic research papers and topics were presented by the various academic institutions and partners during the workshop.

Benefits to the City resulting from the international trip include:

- Providing a platform to share ideas and best practices in the CBS space
- Research conducted and presentations made by the country teams was a good way to benchmark the City of Cape town service delivery against international peers
- Gaining an understanding of the benefits and potential shortcomings of alternate service delivery models as employed by other countries
- Keeping abreast of new developments in the CBS space
- Potential to develop closer collaboration with academic institutions such as UWC, to partner in new interventions within informal settlements in Cape Town such as the Online Data Kit (ODK) customer feedback survey

The research project conducted by the international consortium as well as the workshop and field visits in Lima, Peru provided an excellent opportunity for the City of Cape Town to engage with international peers around CBS provision and opportunities for improvement in the sanitation space.

The next workshop is scheduled to take place in February 2024, with site visits planned in Nairobi, Kenya.

6. ACTIONS REQUIRED

It is proposed that the City continue to take part in the research project which is set to conclude in September 2024, and to work with the academic institutions and sanitation stakeholders involved in collaboratively finding solutions to challenges with the provision of sanitation in informal settlements.

In addition, closer working relationships with local academic institutions such as the University of the Western Cape will be encouraged in order to jointly implement interventions in informal settlements, in line with the commitments made in the City's Water Strategy.

To this end, the Water and Sanitation Directorate will explore ways to formalise ongoing relationships with these academic institutions in the form of Memorandum of Understandings (MoU's) or other suitable vehicle for such collaboration

7. IMPLICATIONS

7.1 Constitutional and Policy Implications No ☒ Yes ☐

7.2 Environmental implications No ☒ Yes ☐

7.3 Financial Implications No ☒ Yes ☐

7.4 Legal Implications No ☒ Yes ☐

7.5 Staff Implications No ☒ Yes ☐

7.6 Risk Implications No ☒ Yes ☐

7.7 POPIA Compliance

☒ It is confirmed that this report has been checked and considered for POPIA Compliance.

NOTE: POPIA Section MUST be completed otherwise the report will be returned to the author for revision.

Contact your Directorate POPIA Stewards should you require assistance.

The City has a contract in place with XL Embassy Travel for the safe-keeping of Traveller's personal information as required by the POPI Act.

8. RECOMMENDATIONS

It is recommended that the feedback report on the trip to attend the Scaling up of off-grid Sanitation workshop in Lima, Peru from 26 to 29 March 2023 undertaken by Mogamat Armeen Mallick be **considered and noted**.

Daar word aanbeveel dat daar kennis geneem word van die terugvoeringsverslag oor die reis van 26 tot 29 Maart 2023 na Lima, Peru onderneem deur Mogamat Armeen Mallick om die werkswinkel oor die uitbreiding van buitenetwerksanitasie by te woon.

Kundululwe ukuba makuthathelwe ingqalelo kwaye kuqwalaselwe ingxelo engohambo olwathatyathwa nguMogamat Armeen Mallick lokuzimasa iwekshophu engokuphucula ugutyulo lwangaphandle eLima, ePeru ukususela ngowama26 ukuya ngowama29 kweyoKwindla 2023.

PLEASE NOTE:

- FOR EXECUTIVE MAYOR AND COUNCILLORS TRAVELLING OUTSIDE THE BORDERS OF THE RSA OR INTERNATIONALLY, A REPORT TO BE SUBMITTED TO MAYCO AND THE RELEVANT SECTION 79 PORTFOLIO COMMITTEE.
- FOR OFFICIALS TRAVELLING OVERSEAS FOR COUNCIL RELATED ACTIVITIES, A REPORT TO BE SUBMITTED TO THE CITY MANAGER FOR CONSIDERATION, AND FOR CONSIDERATION OF REFERRAL TO MAYCO VIA THE RELEVANT SECTION 79 PORTFOLIO COMMITTEE.

9. GENERAL DISCUSSION

The Water and Sanitation Directorate will continue to seek partnerships that will lead to an improvement in the daily lived experience of our residents, particularly in the challenging conditions found in informal settlements and being in alignment with the commitments made in the Water Strategy.

10. ANNEXURES

Annexure A: Peru Trip Feedback presentation

FOR FURTHER DETAILS, CONTACT:

DATE			
NAME	Mogamat Armeen Mallick	CONTACT NUMBER	083 491 2317
E-MAIL ADDRESS	Mogamatarmeen.mallick@capetown.gov.za		
DIRECTORATE	Water and Sanitation	FILE REF NO	
SIGNATURE :			

EXECUTIVE DIRECTOR

MICHAEL JOHN WEBSTER

The ED's signature represents support for report content and confirms POPIA compliance.

COMMENT:

SIGNATURE:

NAME

DATE

MANAGER: INTERNATIONAL RELATIONS

COMMENT:

DR. DENVER VAN SCHALKWYK

SIGNATURE:

DATE

☐ REPORT COMPLIANT WITH THE PROVISIONS OF COUNCIL'S DELEGATIONS, POLICIES, BY-LAWS AND ALL LEGISLATION RELATING TO THE MATTER UNDER CONSIDERATION.

LEGAL COMPLIANCE

☐ NON-COMPLIANT

COMMENT:

NAME _____

TEL _____

DATE _____

Certified as legally compliant based on the content of the report.

CITY MANAGER

☒ NOTED

☒ REFER TO THE MAYORAL COMMITTEE VIA THE RELEVANT SECTION 79 COMMITTEE

DATE _____

COMMENT:
