



REPORT TO: CITY MANAGER

1. ITEM NUMBER

2. SUBJECT

FEEDBACK ON THE INTERNATIONAL/OUTSIDE THE BORDERS OF THE RSA TRIP UNDERTAKEN BY THE EXECUTIVE DIRECTOR: WATER AND SANITATION FROM 24 TO 26 FEBRUARY 2025 TO ATTEND THE WORLD WATER-TECH INNOVATION SUMMIT AND PRESENT “ACHIEVING RESILIENCE IN WATER: NAVIGATING GEOPOLITICS, CLIMATE AND RISK” IN LONDON, ENGLAND

ONDERWERP

TERUGVOERING OOR DIE REIS NA DIE BUITELAND / BUITE DIE GRENSE VAN DIE RSA ONDERNEEM VAN 24 TOT 26 FEBRUARIE 2025 DEUR DIE UITVOERENDE DIREKTEUR: WATER EN SANITASIE OM DIE “WORLD WATER-TECH INNOVATION”-BERAAD BY TE WOON EN “ACHIEVING RESILIENCE IN WATER: NAVIGATING GEOPOLITICS, CLIMATE AND RISK” IN LONDEN, ENGELAND AAN TE BIED

ISIHLOKO

INGXELO ENGEMVA KOHAMBO OLUYA PHESHEYA/NGAPHAYA KWEEBHODA ZOMZANTSI AFRIKA OLUTHATYATHWE NGUMLAWULI WESIGQEBA KWEZAMANZI NOGUTYULO UKUSUSELA NGOWAMA24 UKUYA KOWAMA26 KWEYOMDUMBA 2025 LOKUZIMASA INKOMFA YEHLABATHI YE“WATER-TECH INNOVATION” KWAYE ENZE INGXELOKCAZA NGE “ACHIEVING RESILIENCE IN WATER: NAVIGATING GEOPOLITICS, CLIMATE AND RISK” ELONDON, ENGLAND

[LSU: R2968]

3. BACKGROUND AND PURPOSE

Leonardo Manus, Executive Director of Water and Sanitation, participated in the World Water-Tech Innovation Summit in London, England, where he presented as part of the opening panel addressing the globally recognized

impacts on water resilience. This summit facilitated engagement with executives from prominent water utilities currently investing in innovations aimed at improving resilience and water security.

This opportunity provided valuable insights into solutions being investigated by different organisations and enhanced the comprehension of innovation trends that may be relevant to the City of Cape Town. The organisers coordinated 11 individual meetings, facilitating engagement among participants encountering similar challenges and allowing them to connect with exhibitors showcasing diverse solutions.

Extreme weather events, less water availability, and higher demand are still at the top of the global water agenda. The summit's main theme, "Accelerating Energy Efficiency and Circular Solutions for Climate-Resilient Water," brought together leaders from all over the world to encourage collaboration and new ideas to make our water systems better. This is because extreme weather events, less water availability, and higher demand are still at the top of the global water agenda.

3. EVENT SUMMARY

EVENT DETAILS	
CONFERENCE/SEMINAR	World Water-Tech Innovation Summit
OTHER	The Summit allowed for engagement between leaders from various leading water utilities on the subject of improving water resilience in the face of global pressures.
DATE	24 – 26 February 2025
VENUE	River Plaza Hotel
TOTAL COST TO THE CITY	R 43 853.51
CITY	London
COUNTRY	ENGLAND

ATTENDEE DETAILS	
NAME AND SURNAME	DESIGNATION
Leonardo Manus	EXECUTIVE DIRECTOR: WATER AND SANITATION
PROVIDE SUMMARY OF HOST ORGANISATION / CITY	
The World Water-Tech Summit is organised by Rethink Events, which brings together experts in agri-food, water, and sustainable materials to tackle the most pressing issues for investors and developers in these fields. This summit is held annually in different cities around the globe, ideally in locations where a prominent water utility is involved as part of the organising committee.	

4. OBJECTIVE

The purpose of the trip was to offer the Executive Director insight into the solutions being investigated by various prominent water utilities to address global risks related to water security and sanitation challenges, akin to those faced by the water and sanitation directorate, which operates as the water utility for the City of Cape Town.

5. OUTCOMES

The following outcomes can be recorded:

- The City of Cape Town's response to water security enhancement is still noted on the global stage and is a brand which needs to be preserved through the continued strategic investment in the New Water programme. There was significant interest at the summit in what Cape Town is investing in, especially the water resource investment relationship the City has with its Sanitation Services.
- It is essential to investigate the potential for integrating artificial intelligence into sewer network management. This integration aims to enhance response times to mechanical and electrical failures and provide predictive insights regarding potential obstructions or restrictive flow that could result in sewer spillages.
- The City has not fully leveraged the potential for partnerships with large corporations to tackle current challenges. The exposure enhanced relationships in this context, and this will be examined to advance water conservation and demand management efforts.
- Discussions are underway regarding the potential for the City of Cape Town to serve as a test case for the scaling of atmospheric water harvesting.
- The discussion on water reuse innovations focused on the potential for the City to establish itself as a hub for global utilities, offering valuable

exposure to academics and researchers in this field. The IWA Water Reuse Conference, held in Cape Town a week later, attracted a significant number of participants from this summit, as it is currently one of the foremost topics in the global water innovation sector.

6. ACTIONS REQUIRED

The Water and Sanitation Directorate are currently in the process of forging a relationship with Global Water Partnerships (GWP) to serve as a platform to explore advancing relationships with other utilities and corporates which holds mutually beneficial potential.

The WS Innovation unit will develop a business case for the investment in intelligent sewer management, to be considered for implementation to the eventual benefit of the liveable urban water way objectives of the City.

The Water Reuse programme is being designed with the objective to include an education opportunities during implementation and operation.

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 Izani Embassy Joint Venture 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 London, England to participate in the World Water-Tech Innovation Summit undertaken by Leonardo Manus on 24 – 26 February 2025 be considered and noted.

AANBEVELINGS

Daar word aanbeveel dat die terugvoeringsverslag oor die reis na Londen, Engeland van 24-26 Februarie 2025, onderneem deur Leonardo Manus, om aan die “World Water-Tech Innovation”-beraad deel te neem, oorweeg en daarvan kennis geneem word.

IZINDULULO

Kundululwe ukuba makuthathelwe ingqalelo kwaye kuqwalaselwe ingxelo engemva kohambo oluya eLondon, England lokuthatha inxaxheba kwiNkomfa yeWorld Water-Tech Innovation oluthatyathwe nguLeonardo Manus ngowama24 ukuya kowama26 kweyoMdumba 2025.

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

10. ANNEXURES

FOR FURTHER DETAILS, CONTACT:

DATE			
NAME	Leonardo Manus	CONTACT NUMBER	0214001443
E-MAIL ADDRESS	Leonardo.manus@capetown.gov.za		
DIRECTORATE	Water & Sanitation	FILE REF No	
SIGNATURE :			

EXECUTIVE DIRECTOR

LEONARDO MANUS

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 _____ Certified as legally compliant based on the contents of the report.
TEL _____
DATE _____

CITY MANAGER

☒ NOTED

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

DATE _____

COMMENT:

