



CITY MANAGER

**TO BE REFERRED BY THE OFFICIALS TO MAYCO VIA THE CORPORATE SERVICES SECTION 79
COMMITTEE [AFTER CONSIDERATION BY CITY MANAGER]**

1. ITEM NUMBER

2. SUBJECT

**FEEDBACK ON THE INTERNATIONAL/OUTSIDE THE BORDERS OF THE
RSA TRIP UNDERTAKEN FROM 25 NOVEMBER TO 29 NOVEMBER 2024
TO ATTEND THE CITY TO CITY SMART CITY LEARNINGS WORKSHOPS
AND SECONDMENT PLANNING FOR THE SMARTCAPE 2.0 DIGITAL
INCLUSION INITIATIVES IN FINLAND**

ONDERWERP

**TERUGVOERING OOR DIE INTERNASIONALE REIS (BUITE DIE GRENSE
VAN DIE RSA) VAN 25 NOVEMBER 2024 TOT 29 NOVEMBER 2024 VIR
DIE BYWONING VAN DIE STAD-TOT-STAD-
SLIMSTADLEERWERKSWINKELS EN SEKONDERINGSBEPLANNING VIR
DIGITALE-INKLUSIWITEITSINISIATIEWE VIR SMARTCAPE 2.0 IN
FINLAND**

ISIHLOKO

**INGXELO ENGASEMVA KOHAMBO KUMAZWE APHESHEYA/
ANGAPHANDLE KWEMIDA YASEMZANTSI AFRIKA EQHUTYWE
UKUSUSELA NGOWAMA25 UKUYA KOWAMA29 KWEYENKANGA 2024,
UKUZIMASA IINTLANGANISO ZOKUFUNDISANA (IIWEKSHOPHU)
EZINGOKUFUNDA KWESIXEKO KWESINYE ISIXEKO NGOKUMALUNGA
NESIXEKO ESIPHAPHILEYO NOCWANGCISO LWESIBINI LWEDIJITHALI
ENGU 2.0 YE SMARTCAPE KUQUKA AMAPHULO AQHUBEKE, E
FINLAND**

R1987

3. EVENT SUMMARY

EVENT DETAILS	
CONFERENCE/SEMINAR	City To City Smart City Learnings Workshops and Secondment Planning For The Smartcape 2.0 Digital Inclusion Initiatives
OTHER	The delegation embarked on a sponsored trip to Helsinki and Tampere, Finland to conduct an understudy of their smart city initiatives
DATE	25 – 29 November 2024
VENUE	HAUS kehittämiskeskus - Finnish Institute of Public Management
TOTAL COST TO THE CITY	R70 019.78
CITY	Helsinki and Tampere
COUNTRY	FINLAND

ATTENDEE DETAILS	
NAME AND SURNAME	DESIGNATION
Ernest Sass	EXECUTIVE DIRECTOR: CORPORATE SERVICES
Shuaib Parker	DIRECTOR: INFRASTRUCTURE
Janine Dookoo	SENIOR PROFESSIONAL OFFICER

PROVIDE SUMMARY OF HOST ORGANISATION / CITY
HAUS is a Finnish, state-owned, limited company and a leading public-sector training house in Finland with over 50 years of experience in public service reforms and capacity building. HAUS Finnish Institute of Public Management Ltd (HAUS) is implementing the project African Digital and Green Transition, aimed at leveraging Finnish good practices in the twin transition for partnerships with public sector organizations in African countries. The project is funded by Ministry for Foreign Affairs of Finland and HAUS recognizes City of Cape Town as an important partner in this project.

4. OBJECTIVE

Finland is the most digitalized country in Europe, and has become a world leader in digitalization and digital government. Under the Digital Transition banner, the Finish Government has developed and capitalized the African Digital and Green Transition (ADGT) project, which sets out to narrow digital gaps, advance a human rights-based approach, make better use of digital innovation and promote inclusive and green development.

The invite was extended to the City Officials in order learn from what is being done in enabling R&D for Smart Cities in other countries, as well as for the

City of Cape Town officials to engage with other governtal agencies and sharing experiences as well as seeking collaboration oportunties with other municiaplities.

The City of Cape Town officials, was also given the opportunity to experience first hand how technology is being used in Digital Twins, Livings Labs, Smart Labs, AI ,Competency Based Learning, Learning and Innovation R&D Hubs International and Local colloraotion ecosystems.

5. OUTCOMES

The City of Cape Town recently engaged in a digital learning exchange with Finland, a global leader in digital public services and research and development (R&D). Finland's #1 ranking in the EU's Digital Comparison Index demonstrates its excellence in digital innovation and service delivery. The visit provided valuable insights into how technology can enhance service delivery to citizens. Delegates from Cape Town had the opportunity to compare municipal operations in Finland with Cape Town's current practices, focusing on Digital Twins, Living Labs, Smart Labs, Innovation Hubs, and R&D ecosystems.

5.1. Forum Virium, Helsinki R&D Innovation Hub

The City of Cape Town Delegation met with Forum Virium Helsinki is the City of Helsinki's innovation arm, dedicated to making Helsinki the most functional smart city. It collaborates with companies, universities, public sector entities, and residents to co-create urban solutions.

Key Takeaways:

- **Innovation Hub Creation:** Insights into how Forum Virium developed its innovation ecosystem by fostering collaboration between diverse stakeholders.
- **Digital Twins in Urban Development:** Strategies for utilizing digital twins to reduce carbon footprints in urban areas
- **R&D Ecosystems:** Practical examples of incentivizing collaboration among local and international R&D.
- **Gamification for Youth Development:** Digital Systems that use gamified learning to equip young people with essential digital skills.

5.2 City of Tampere Digitalisation and R&D arm

The delegation met with the Executive Director of Digitalisation and ICT at the City of Tampere, known for its citizen-centric digital services.

Key Takeaways:

- **Interoperability in Digital Services:** Development of a single digital citizen ID, linking various data points for enhanced access to services.

- **Ease of Use in Digital Services (Comprehensive Digital Service Catalogue):** Creating a comprehensive service catalog on the municipality website. The catalogues should not be separated by underlying technology or deep embedded within the municipality website as this improves user experience and accessibility for residents.
- **Citizen-Centric Design:** Practical tools for designing digital services that prioritize user-friendliness and inclusivity.

5.3 Metropolia University of Applied Sciences, City of Helsinki

Metropolia, Finland's largest university of applied sciences, focuses on practical applications of advanced technologies.

Key Takeaways:

- **Digital Twins with AI Capabilities:** Advanced facility management through Digital Twins, which incorporate sensors to measure air quality, temperature, and provide fault detection and maintenance alerts.
- **Living Labs as Testbeds:** Partnerships between universities and municipalities, where academic research is tested in real-world city environments. This approach supports innovation, provides research insights for municipalities, and promotes employment.
- **Competency-Based Learning:** Focused on evaluating the impact of learning, ensuring that new skills directly contribute to municipal needs.

5.4 VTT (Technical Research Centre of Finland), Espoo

VTT, Finland's leading research and technology organization, pioneers urban innovation through co-creation and collaboration with citizens.

Key Takeaways:

- **Co-Creation with Citizens:** Tools and methodologies for engaging citizens, particularly youth, in urban development projects, fostering innovative public spaces.
- **R&D Innovation Hub Creation:** Frameworks for establishing hubs that align municipal priorities with relevant research.
- **Digital Twin Expertise:** Advanced applications of Digital Twins in urban and facility planning.
- **3D VR Learning Systems:** Use of virtual reality for education and public engagement, offering new perspectives on learning and development.

6. ACTIONS REQUIRED

- Continue internal discussions regarding concepts and R&D frameworks derived from the visit.

- Consider developing further collaborative discussions in areas of Digital R&D interest.

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 | <u>POPIA Compliance</u> | | |

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

8. RECOMMENDATIONS

It is recommended that the feedback report on the Smart City Learnings trip to Finland undertaken by Mr. Sass (ED: Corporate Services), Mr. Parker (Manager: Infrastructure) and Ms. Dookoo (Senior Professional Officer) on 25 – 29 November 2024 **be considered and noted.**

AANBEVELINGS

Daar word aanbeveel dat die terugvoeringsverslag oor die slimstadleer-reis na Finland deur mnr. Sass (uitvoerende direkteur: korporatiewe dienste), mnr. Parker (direkteur: infrastruktuur) en me Dookoo (senior professionele beampte) van 25 tot 29 November 2024 **oorweeg word**, en dat daarvan **kennis geneem word.**

IZINDULULO

Kundululwe ukuba **makuthathelwe ingqalelo kwaye kuqwalaselwe** ingxelo engasemva kohambo olungokufunda ngokumalunga neSixeko esiphaphileyo, obelujoliswe eFinland, oluqhutywe nguMnu Sass (onguMlawuli weSigqeba (ED) kwiiNkonzo zeZiko), uMnu Parker (onguMlawuli ojongene neZakheko

ezinguNdoqo) noNksz Dookoo (oliGosa eliyiNtloko kwezoBungcali),
oluqhutywe ukususela ngowama25 ukuya kowama29 kweyeNkanga 2024.

9. ANNEXURES

FOR FURTHER DETAILS, CONTACT:

DATE	13 December 2024		
NAME	Shuaib Parker	CONTACT NUMBER	
E-MAIL ADDRESS	Shuaib.Parker@capetown.gov.za		
DIRECTORATE	Corporate Services	FILE REF No	
SIGNATURE :	Shuaib Parker Digitally signed by Shuaib Parker Date: 2024.12.17 09:46:49 +02'00'		

Acting CHIEF DIGITAL OFFICER
Basil Chinasamy

COMMENT:

SIGNATURE:
NAME
DATE

EXECUTIVE DIRECTOR
ERNEST SASS

COMMENT:

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

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:

PLEASE NOTE THAT THE ABOVEMENTIONED CITY MANAGER'S SIGNATURE IS ONLY TO BE OBTAINED FOR OFFICIALS TRAVELLING AND NOT FOR COUNCILLORS.

THE CITY MANAGER WILL RECOMMEND THAT THE REPORT IS REFERRED TO MAYCO VIA THE RELEVANT SECTION 79 PORTFOLIO COMMITTEE BY THE OFFICIAL. IN SUCH INSTANCES, THE CITY MANAGER'S SIGNED REPORT SHOULD BE ATTACHED AS AN ANNEXURE TO THE REPORT TO THE SECTION 79 PORTFOLIO COMMITTEE AND MAYCO.



6 December 2024

Basil Chinasamy
Director: Digital Transformation & Governance
Staff no: 10052257

Dear Mr Basil Chinasamy

AUTHORISATION: ACTING APPOINTMENT

You are hereby appointed as Acting Chief Digital Officer (CDO): Information Systems & Technology as from the 16th December 2024 to end of Business 20th December 2024. The CDO will be on annual leave during this period.

All delegations, responsibilities and accountabilities assigned to that of the Chief Digital Officer (CDO: Information Systems & Technology) will be applicable during the duration of your acting period

Andre Martin Stelzner Digitally signed by
Andre Martin Stelzner
Date: 2024.12.09
06:31:02 +02'00'

Andre Stelzner
Chief Digital Officer IS&T

I, Basil Chinasamy hereby accept the terms of this appointment.

Signature: _____