



**REPORT TO: CITY MANAGER**

**TO BE REFERRED BY THE OFFICIAL TO MAYCO VIA THE FUTURE PLANNING AND  
RESILIENCE SECTION 79 COMMITTEE**

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**1. ITEM NUMBER**

**2. SUBJECT**

**FEEDBACK ON THE INTERNATIONAL TRIP UNDERTAKEN BY DELYN DU TOIT (STAFF NUMBER: 10042029) ATTENDING A CONFERENCE ORGANISED BY THE DEUTSCHE GESELLSCHAFT FÜR INTERNATIONALE ZUSAMMENARBEIT (GIZ) GMBH: "DATA-DRIVEN CITIES: CONFERENCE FOR THE URBAN COMMON GOOD" HELD IN NAIROBI, KENYA ON 12 TO 13 FEBRUARY 2024**

**2. ONDERWERP**

**TERUGVOERING OOR DELYN DU TOIT (PERSONEELNOMMER: 10042029) SE INTERNASIONALE REIS VIR DIE BYWONING VAN 'N KONFERENSIE GEORGANISEER DEUR DIE DEUTSCHE GESELLSCHAFT FÜR INTERNATIONALE ZUSAMMENARBEIT (GIZ) GMBH: "DATA-DRIVEN CITIES: CONFERENCE FOR THE URBAN COMMON GOOD" GEHOU IN NAIROBI, KENIA VAN 12 TOT 13 FEBRUARIE 2024**

**2. ISIHLOKO**

**INGXELO ENGOHAMBO OLUYA PHESHEYA OLUTHATYATHWE NGUDELYNO DU TOIT (INOMBOLO YOMSEBENZI: 10042029) LOKUZIMASA INKOMFA EQUQUZELELWE YIDEUTSCHE GESELLSCHAFT FÜR INTERNATIONALE ZUSAMMENARBEIT (GIZ) GMBH: "DATA-DRIVEN CITIES: CONFERENCE FOR THE URBAN COMMON GOOD" EBANJELWE ENAIROBI, KENYA NGOWE12 UKUYA KOWE13 KWEYOMDUMBA 2024**

**[LSU: Q2832]**

### 3. EVENT SUMMARY

EVENT DETAILS	
CONFERENCE/SEMINAR	Data-Driven Cities: Conference for the Urban Common Good
OTHER	The conference aim is to promote a common understanding of the benefits of data utilisation for well-being in cities. For this, it looked at how cities can create an enabling environment to encourage the generation, exchange and use of data. The conference brought together experts from Germany, Ghana, Kenya, South Africa and other African countries to share best practices and learn from use cases that illustrate the benefits of data use in urban spaces.
DATE	12-13 February 2024
VENUE	Park Inn by Radisson in Westlands, Nairobi, Kenya
TOTAL COST TO THE CITY	R8 590.15
CITY	Nairobi
COUNTRY	KENYA

ATTENDEE DETAILS	
NAME AND SURNAME	DESIGNATION
Delyno du Toit	MANAGER: DATA SCIENCE
PROVIDE SUMMARY OF HOST ORGANISATION / CITY	
<p><b>Organisation &amp; hosts</b></p> <p>The conference was co-hosted by the Kenyan Ministry of Information, Communications and The Digital Economy (MICDE), the German Federal Ministry for Digital and Transport (BMDV) and the German Federal Ministry for Housing, Urban Development and Building (BMWSB). The Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH was responsible for organising the conference.</p> <p><b>Kenyan Ministry of Information, Communications and The Digital Economy</b> MICDE supervises and enhances policies related to broadcasting and information. Since 2022, the ministry is divided into the State Department of Broadcasting and Telecommunications and The State Department of ICT and Digital Economy. Their overarching objective is to transform Kenya into a competitive economy driven by knowledge and to ensure widespread availability of ICT infrastructure and services across the entire nation.</p> <p><b>German Federal Ministry for Digital and Transport (BMDV)</b> BMDV is committed to creating a common international framework for the digital transformation. Its goal is to make the opportunities afforded by digitalisation available to everyone and thus contribute to sustainable development. BMDV pursues this goal in bilateral Digital Dialogues with important partner countries. They serve to compare digital policy agendas, address specific issues in bilateral relations and develop joint positions for multilateral forums.</p> <p><b>German Federal Ministry for Housing, Urban Development and Building (BMWSB)</b> The aim of BMWSB is to ensure sufficient, affordable and climate-friendly housing, an attractive living environment with functioning and efficient infrastructures, and attractive public spaces. BMWSB supports smart cities in Germany and worldwide in a joint dialogue between politics, administration, business, science and civil society.</p> <p><b>Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH</b> GIZ is a service provider with worldwide operations in the fields of international cooperation and development cooperation. It is a public-benefit federal enterprise and supports the German government as well as other public and private sector clients in a wide variety of areas, including economic development, digital governance, employment promotion, energy and the environment, and peace and security.</p>	

#### 4. OBJECTIVE

The objectives of the conference were to:

- Share and present the City of Cape Town's data strategy and data science learnings.
- Learn from experts and other government entities in Africa and Germany, how they are using data to benefit their organisations and residents.
- Establish relationships with attendees to foster future collaborations and knowledge exchange, opening avenues for joint initiatives.

#### 5. OUTCOMES

The CCT's data strategy aligns with those of leading cities in Africa and Germany, with an emphasis on interoperability through the utilisation of

Application Programming Interfaces (APIs) to enable data sharing.

It was validating to observe other cities, such as Munich, Berlin, Freiburg, and Nairobi, echoing the CCT's Data Science branch in embracing open-source solutions to drive their data-driven initiatives. Their shared commitment reinforces our belief in the transformative potential of collaborative, open-source projects for cities around the globe.

Relationships have been established with cities like Munich, Berlin, Freiburg, and Nairobi, creating opportunities for potential learnings and collaborations on data initiatives.

## 6. ACTIONS REQUIRED

From the convening, the action is for Mr. du Toit to follow-up with cities to explore possible learnings and collaborations. Actions resulting from the follow-up session will be discussed with the Executive Director: Future Planning & Resilience to determine how these relationships and networks can be leveraged to the benefit of CCT and its residents.

There is no obligation on the City of Cape Town from the actions.

## 7. IMPLICATIONS

From the convening there are no implications for the below items, however there will definitely be future benefits for each of the below items.

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 international trip, attending a conference organised by the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH: "Data-Driven Cities: Conference for the Urban Common Good" held in Nairobi, Kenya on 12 to 13 February 2024, be considered and noted.

## **8. AANBEVELINGS**

Daar word aanbeveel dat die terugvoeringsverslag oor die internasionale reis vir die bywoning van 'n konferensie georganiseer deur die Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH: "Data-driven Cities: Conference for the Urban Common Good" gehou in Nairobi, Kenia van 12 tot 13 Februarie 2024 oorweeg word en dat daarvan kennis geneem word.

## **8. ISINDULULO**

Kundululwe ukuba makuthathelwe ingqalelo kwaye kuqwalaselwe ingxelo engohambo oluya phesheya, lokuzimasa inkomfa eququzelelwa Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH: "Data-Driven Cities: Conference for the Urban Common Good" ebanjelwe eNairobi, eKenya ngowe12 ukuya kowe13 kweyoMdumba 2024.

## **9. GENERAL DISCUSSION**

The two-day conference began with introductory remarks from senior officials of the Kenyan Ministry of Information, Communications, and the Digital Economy, as well as the German Federal Ministry for Digital and Transport (BMDV). This was followed by a virtual presentation from Hugh Cole on the CCT data strategy journey, and an in-person plenary discussion by Delyno du Toit, elaborating on the implementation of the CCT data strategy and work of the data science branch. The rest of the first day comprised of presentations on data platform projects from South Africa, Ghana, and Germany.

The second day included a site visit to [Konza Technopolis](#), a new smart city and technology and innovation hub an hour outside Nairobi. Witnessing firsthand the Kenyan government's rapid progress in developing this modern city was inspiring.

Some notable items of the conference:

- The German Federal Government's funding programme supports cities and municipalities in implementing opportunities in terms of sustainable urban development provided by digitalisation. [Connected Urban Twins](#) is one out of 73 selected Smart Cities model projects. Hamburg, Leipzig and Munich have established a cross-city partnership and jointly developing Urban Digital Twins for use in integrated urban development.
- The city of Freiburg developed [DATA:SPACE:FREIBURG](#). It is intended to bundle all of the city of Freiburg's data, data systems, data services and data-based applications into a networked system. A data catalog, a data integration module, identity and access management, a platform for sensor data integration and a report creation service are being created.

Freiburg finalised their Data Excellence Strategy in December 2023. It is an internal instrument for handling data and, on the one hand, shows how the city administration and its employees can operate modern, effective and efficient data management. On the other hand, the strategy answers the elementary questions about the handling and use of urban data: These include data use and data domains, roles and responsibilities, organisational structure and processes, empowerment of actors and technical tools. After the strategy phase has ended, implementation will begin on a pilot basis within the project.

- [Mobilithek](#) - Germany's data platform that gets you moving

With Mobilithek, the Federal Ministry for Digital and Transport (BMDV) provides a platform that offers access to open mobility data and enables the B2B exchange of data. A central point of access to all data that gets you moving.

Mobilithek is a platform for mobility providers, infrastructure managers, transport authorities and data providers to share digital information. Whether timetable data, real-time traffic information or rental bike locations. Mobilithek itself is not a data system for travellers and road users. It lays the foundations for building these data services in the future.

As a national access point, Mobilithek will play a key role in a comprehensive mobility data ecosystem. Through its cloud-based infrastructure with a web portal, high-performance support for real-time data exchanges and a digital space for developing data-based apps, it will cooperate closely and share data with the Mobility Data Space, which is currently under development. The [International Data Space \(IDS\)](#) technology used by both systems makes this possible.

- [Konza Technopolist](#)

Konza (Konza Technopolist) is a new smart city and key flagship project of Kenya's Vision 2030 economic development portfolio. Konza's goal is to be a world-class city, powered by a thriving information, communications and technology (ICT) sector, superior reliable infrastructure and business friendly governance systems.

The Government of Kenya established the Konza Technopolis Development Authority (KoTDA) as a special purpose entity to facilitate the development of Konza. The mission of KoTDA is to ensure that Konza grows into a sustainable, world-class technology hub and a major economic driver for the nation.

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## 10. ANNEXURES

**ANNEXURE A:** AGENDA: DATA-DRIVEN CITIES: CONFERENCE FOR THE URBAN COMMON GOOD

FOR FURTHER DETAILS, CONTACT:

DATE	2024-02-27		
NAME	Delyno du Toit	CONTACT NUMBER	(021) 400 7154
E-MAIL ADDRESS	delyno.dutoit@capetown.gov.za		
DIRECTORATE	Future Planning & Resilience	FILE REF No	
SIGNATURE :	Delyno du Toit	Digitally signed by Delyno du Toit Date: 2024.02.27 16:54:52 +02'00'	

EXECUTIVE DIRECTOR: FUTURE PLANNING & RESILIENCE

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

COMMENT:

Mr du Toit must provide me with a status report by end of May on whether there are any opportunities that can be formalised with any of the cities mentioned in the above report.

SIGNATURE: Gareth Morgan  
NAME  
DATE

Digitally signed by Gareth Morgan  
Date: 2024.02.28 14:56:17 +02'00'

MANAGER: INTERNATIONAL RELATIONS

DR. DENVER VAN SCHALKWYK

COMMENT:

ED's comment noted, which could impact the IR Unit as related to sister city agreements.

SIGNATURE: Dr Denver van Schalkwyk  
DATE

Digitally signed by Dr Denver van Schalkwyk  
Date: 2024.02.29 13:55:57 +02'00'



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

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**LEGAL COMPLIANCE**

☐ NON-COMPLIANT

COMMENT:

NAME \_\_\_\_\_

TEL \_\_\_\_\_

DATE \_\_\_\_\_

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

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**CITY MANAGER**

☒ NOTED

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

DATE \_\_\_\_\_

COMMENT:

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