



DATE: 19 JULY 2022

**REPORT TO: THE EXECUTIVE MAYOR AND MEMBERS OF THE MAYORAL COMMITTEE
[MAYCO] AND THE URBAN MOBILITY PORTFOLIO COMMITTEE**

1. ITEM NUMBER: MC 07/07/22

2. SUBJECT

**FEEDBACK ON THE INTERNATIONAL/OUTSIDE THE BORDERS OF THE
RSA TRIP UNDERTAKEN BY CLLR ROBERTO QUINTAS FROM 27
MARCH 2022 TO 1 APRIL 2022 TO ATTEND THE INTERTRAFFIC
CONFERENCE IN THE NETHERLANDS.**

2. ONDERWERP

**TERUGVOERING OOR DIE INTERNASIONALE REIS ONDERNEEM DEUR
RAARDSLID ROBERTO QUINTAS VAN 27 MAART 2022 TOT 1 APRIL
2022 OM DIE INTERVERKEERSKONFERENSIE IN NEDERLAND BY TE
WOON.**

2. ISIHLOKO

**INGXELO ENGEHAMBO KUMAZWE APHESHEYA/NGAPHANDLE
KWEMIDA YASEMZANTSI AFRIKA EQHUTYWE NGUCEBA ROBERTO
QUINTAS UKUSUSELA NGOWAMA27 KWEYOKWINDLA UKUYA
KOWO1 KUTSHAZIIMPUZI 2022 UKUZIMASA INKOMFA ENGEMBONISO
WEHLABATHI WOPHUCULO LWEZOTHUTHO , OSENETHERLANDS.**

[LSU: N4061

3. EVENT SUMMARY

EVENT DETAILS	
CONFERENCE/SEMINAR	Intertraffic Amsterdam 2022
OTHER	N/A
DATE	28 March 2022 to 1 April 2022
VENUE	RAI Centre Amsterdam
TOTAL COST TO THE CITY	R43 960.24
CITY	Amsterdam
COUNTRY	Netherlands
ATTENDEE DETAILS	
NAME AND SURNAME	DESIGNATION
Cllr Roberto Quintas	Mayoral Committee Member for Urban Mobility
PROVIDE SUMMARY OF HOST ORGANISATION / CITY	
<p>Intertraffic is the world's leading trade event on mobility and traffic technology. Intertraffic started in 1972 and has since become a global event, attracting professionals from all over the world. The 2022 Amsterdam event offered 13 exhibition halls, with over 900 exhibitors, showcasing the latest mobility trends, products and services as well as over 120 experts speaking as part of the summit programme. The main themes of the conference was infrastructure, traffic management, road safety, parking and smart mobility.</p>	

4. OBJECTIVE

Attending of the event provides the opportunity for the City of Cape Town to get up to speed with traffic technology developments worldwide. In the past, most advancements in technological innovation was based on research and reliance on advice from industry experts, most of whom would have had firsthand exposure at the Intertraffic conference. Many innovations introduced at Intertraffic in the past have already been implemented in the City. These include: Freeway Management System variable message signage, LED traffic signals, Speed over distance cameras and many more. By attending the conference, the City of Cape Town benefitted more from firsthand exposure to some of the innovations instead of being dictated to by the local consultant market. Attendees identified many technological advancements that would be beneficial, if implemented at the City. These advancements include the latest traffic management equipment and software to improve efficiency and create a safer, more livable City. Other than the technology itself, attendees were also able to

experience how these solutions are being applied in the public sector through the theatre sessions presented.

5. OUTCOMES

By attending the event, various trends were identified in Mobility & Traffic technology. The main driver of these trends is to create safer and more liveable cities. A vision of a more liveable City is a City that has a well-managed traffic management system, safe & prioritised public transport and non-motorised transport infrastructure, and as a result, little to no congestion, few accidents and clean air. The technology showcased at Intertraffic is intended to achieve these goals and, if adopted by the City of Cape Town, holds potential to transition to a more liveable future. Two main resolutions for the City can be drawn from what was experienced at the conference. The first one is the digitization of traffic infrastructure. When traffic infrastructure is connected to a digital network, it generates useful data. The latest software showcased at the exhibition is able to use this data to generate valuable insights into network operations and efficiency. Not only can this information be used for strategic planning and policy input, but it is also possible to modify traffic signal control remotely to improve efficiency or to prioritize movements. By using the latest in detection technology, it is possible for the signal controllers to prioritize by vehicle type or for emergency vehicles. Sensors in traffic signal poles also identify when a pole is damaged, which allows for pro-active asset management. Parking sensors generate live occupancy data and improvements in number plate recognition allows for automated enforcement.

Connected infrastructure allows for communication with the latest in connected vehicle technologies. When vehicles/applications can communicate with signal controllers the car 'knows' what the signal status is before it is visible to the driver. This allows for numerous safety and efficiency improvements. Drivers can also be directed to available parking bays or alerted to road incidents.

The second resolution is related. Data collection is at the start of every technological solution. The industry has realised the value of data, not only from connected infrastructure, but also from collaborations between the public and private sector. Data eco-systems is created where Government and the private sector share anonymised and aggregated data. This data eco-system allows both parties to create valuable applications for citizens and customers, some of which are mentioned above.

6. ACTIONS REQUIRED

The first step is the assessment of the City's existing systems and equipment to identify the requirements for improvements in data collection and communication. Improvements should be made in an incremental manner and sensitive to the unique requirements of our transport system. Further research will be required to be able to specify a technological solution. An initial corridor/area can be selected to pilot new

equipment and software to prove the business case before any major capital investments are made.

Once the advantages of the technology can be proven, it would be necessary to identify financial, staff, policy or other implications and strategize on how to achieve the required results within the constraints identified.

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:

- a) the feedback report on the trip (International/Outside the Borders of the RSA Trip to the Intertraffic Conference in the Netherlands) undertaken by [Cllr Roberto Quintas] on [27 March 2022 to 1 April 2022] **be noted**.
- b) the report be referred to the Urban Mobility Portfolio Committee for noting.

8. AANBEVELINGS

Daar word aanbeveel dat:

- a) daar kennis geneem word van die terugvoerverslag oor die reis onderneem deur rdl. Roberto Quintas van 27 Maart 2022 tot 1 April 2022 om die interverkeerskonferensie in Nederland by te woon.
- b) die verslag na die portefeuljekomitee oor stedelike mobiliteit ter kennisname verwys word.

8. IZINDULULO

Kundululwe ukuba:

- a) **Makuqwalaselwe** ingxelo engeHambo kuMazwe aPhesheya/ngaPhandle kweMida yaseMzantsi Afrika eqhutywe nguCeba Roberto Quintas ukuzimasa iNkomfa engeMboniso weHlabathi woPhuculo lweZothutho, eseNetherlands ukususela ngowama27 kweyoKwindla ukuya kowo1 kuTshaziimpuzi 2022.
- b) Ingxelo mayigqithiselwe kwiKomiti yeSebe elingoZinzo lweZothutho eDolophini ukuze iqwalaselwe.

PLEASE NOTE:

- EXECUTIVE MAYOR AND COUNCILLORS TRAVELLING WITHIN OR OUTSIDE SOUTH AFRICA A REPORT TO BE SUBMITTED TO MAYCO AND THE RELEVANT SECTION 79 OR 80 COMMITTEE/PORTFOLIO]
- OFFICIALS TRAVELLING OVERSEAS FOR COUNCIL RELATED ACTIVITIES A REPORT TO BE SUBMITTED TO THE CITY MANAGER.

9. GENERAL DISCUSSION

10. ANNEXURES

FOR FURTHER DETAILS, CONTACT:

DATE	June 2022		
NAME	Dirk Linde	CONTACT NUMBER	0824594885
E-MAIL ADDRESS	Dirk.Linde@capetown.gov.za		
DIRECTORATE	Urban Mobility	FILE REF NO	
SIGNATURE :			

MAYORAL COMMITTEE MEMBER

ROBERTO M. QUINTAS

COMMENT:

The MCM signature represents support for report content and confirms POPIA compliance.

SIGNATURE:

Roberto M.
Quintas

Digitally signed by
Roberto M. Quintas
Date: 2022.06.21
10:03:34 +02'00'

NAME

DATE

MANAGER: INTERNATIONAL RELATIONS

COMMENT:

DR. DENVER VAN SCHALKWYK

DATE

Dr Denver van
Schalkwyk

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Sarah Sanders

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☐ 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 contents of the report.