



**REPORT TO: THE EXECUTIVE MAYOR AND MEMBERS OF THE MAYORAL COMMITTEE  
AND THE SUSTAINABILITY AND RESILIENCE COMMITTEE**

LC 21595

**1. ITEM NUMBER**

**2. SUBJECT**

**FEEDBACK ON THE INTERNATIONAL/OUTSIDE THE BORDERS OF THE  
RSA TRIP UNDERTAKEN FROM 5 TO 9 NOVEMBER 2018 TO ATTEND  
THE CITY WATER RESILIENCE FRAMEWORK WORKSHOP IN  
BELLAGIO, IN ITALY**

**TERUGVOERING OOR DIE REIS NA DIE BUITELAND/BUITE DIE GRENSE  
VAN DIE RSA ONDERNEEM VAN 5 TOT 9 NOVEMBER 2018 NA  
BELLAGIO, ITALIË OM 'N WERKWINKEL OOR 'N  
WATERVEERKRAGTIGHEIDSRAMWERK VIR STEDE BY TE WOON**

**INGXELO EMALUNGA NEHAMBO KUMAZWE APHESHEYA/  
ANGAPHANDLE KWEMIDA YASEMZANTSI AFRIKA EQHUTYWE  
UKUSUSELA NGOWE-5 UKUYA KOWE-9 KWEYENKANGA 2018  
UKUZIMASA IWEKSHOPHU EMALUNGA NESAKHEKO ESILUQILIMA  
ESIGEZAMANZI ESE- BELLAGIO, E-ITALY**

**LSU K2200**

**3. EVENT SUMMARY**

EVENT DETAILS	
CONFERENCE/SEMINAR	City Water Resilience Framework
OTHER	<ul style="list-style-type: none"> <li>To close out phase 1 of the development of the City Water Resilience Framework (CWRF) tool.</li> <li>To assess the work completed on the tool to date, and make recommendations for refinements, if necessary.</li> <li>To contribute to developing phase 2 of the project, which might include further refinements of the tool.</li> </ul>
DATE	5 to 9 November 2018
VENUE	Rockfeller Foundation's Bellagio Centre
CITY	Bellagio
COUNTRY	ITALY

ATTENDEE DETAILS	
NAME AND SURNAME	DESIGNATION
Gareth Morgan	DIRETOR: RESILIENCE
PROVIDE SUMMARY OF HOST ORGANISATION / CITY	
<p>The host organisation was the Rockefeller Foundation, a major global philanthropic organisation, headquarterd in New York City, USA. The Rockefeller Foundation is the funder of 100 Resilient Cities, to which the City of Cape Town has an existing association.</p> <p>The Rockefeller Foundation own the Bellagio Centre in Bellagio, Italy, which is a conferencing and networking centre that hosts workshops and seminars designed to deal with significant global challenges.</p>	

#### 4. OBJECTIVE

The City of Cape Town was invited to attend the workshop in Bellagio due to it being one of the 5 cities which participated as a pilot city for the fieldwork research behind the City Water Resilience Framework (CWRF). This trip followed on from two weeks of fieldwork which was conducted by Arup, the developer of the tool, in Cape Town during June 2018 and after participation in a Network Exchange in London, UK during August 2018. The Resilience Department in the City of Cape Town, which manages the relationship with 100 Resilient Cities (100RC), and has been the custodian of this process of development, in partnership with the City's Department of Water and Sanitation. Arup is one of the platform partners of 100RC.

At the workshop in Bellagio, the work to date on the development of the CWRF was presented to attendees which included representatives of Miami, the World Bank, the African Development Bank and GIZ, among others. The objective of attendees was to assess the work and to suggest amendments, if necessary, and to contribute to the development of the next phase of development of CWRF.

The City of Cape Town has to date made a considerable investment in terms of the time of a small number of its officials to help developp this tool, which will not only be of use to the City, but will be offered to cities globally. The experience of the City in managing the response to the recent drought shock, as well as the new direction being included in the proposed new Cape Town Water Strategy, makes the City's contribution valuable to the developers of the tool.

To date the the CWRF has considered in excess of 1500 factors important to water resilience from the 5 pilot cities. These have been distilled into four dimensions and twelve drivers of water resilience. The work is credible and defendable, and remains relevant to the City of Cape Town. It had been hoped that the relevant qualitative and quantitavtive indicators behind the drivers would have been finalised by now, but they are still in development. For this reason the tool cannot yet be applied to the City at this time, but it is expected this tool will be concluded in the first half of the 2019.

The City representative was able to provide a critique of the work to date which will be useful for the final stage of development.

There was also an opportunity to present the lessons from the Cape Town drought to the attendees which was well received.

## 5. OUTCOMES

- ☐ - Partnership Agreement
- ☐ - Membership Agreement
- ☐ - Grants Agreement
- ☐ - Memorandum of Understanding
- ☐ - Statement of Intent
- ☒ - Other

The principal outcome will be the completion of a tool that can be used to assess Cape Town's water resilience. While the tool is not entirely finished as of now, it is expected to be finished in the first half of 2019.

## 6. ACTIONS REQUIRED

Considering the investment in time that the City has put into the development of the CWRP to date, the City needs to remain involved in any further development until the tool is deemed to be usable and complete.

The City should offer the developers of the tool assistance in finalising the qualitative and quantitative indicators necessary for completion of the tool considering the experience the City's Resilience Department has in using the City Resilience Index tool, which is similar to the CWRP. Offer should specifically be in the form of reviewing the indicators before they are finalised.

The ED: Informal Settlements, Water and Waste Services, who has been engaged to date in the development of the tool, must be briefed on latest developments in regard to the development of the tool.

As and when the tool is deemed to be complete, it must be applied to Cape Town to assess the city's relative water resilience strengths and weaknesses.



## 7. IMPLICATIONS

- |     |  |  |                              |
|-----|--|--|------------------------------|
| 7.1 | Constitutional and Policy Implications | No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> |
| 7.2 | Environmental implications             | No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> |
| 7.3 | Financial Implications                 | No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> |
| 7.4 | Legal Implications                     | No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> |
| 7.5 | Staff Implications                     | No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> |
| 7.6 | Risk Implications                      | No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> |

## 8. RECOMMENDATIONS

Recommended that:

- a) the feedback report on the trip to the City Water Resilience Framework Workshop in Bellagio, Italy undertaken by Gareth Morgan, Director: Resilience on 5 to 9 November 2018 **be noted**.

Daar word aanbeveel dat:

- a) daar **kennis geneem word** van die terugvoeringsverslag oor die reis wat van 5 tot 9 November 2018 deur Gareth Morgan, direkteur: veerkragtigheid na Bellagio, Italië onderneem is om 'n werkwinkel oor 'n waterveerkragtigheidsraamwerk vir stede by te woon.

Kundululwe ukuba:

- a) Makuqwalaselwe ingxelo emalunga nehambo ejoliswe kwiWekshophu engeSakheko seSixeko esiLuqilima sezaManzi, ese- Bellagio, eqhutywe ngu-Gareth Morgan onguMlawuli wokuLuqilima ukusuela ngowe-5 ukuya kowe-9 kweyeNkanga.





## 9. GENERAL DISCUSSION

The City's Resilience Department, working in collaboration with the City's Department of Water and Sanitation, has spent considerable time in helping to input into the CWRF development, including organizing five focus groups, two workshops, four site visits and six one-on-one interviews for the Arup team when they visited Cape Town at the end of June 2018. It was therefore important that collaboration with the developers of the CWRF continued in order to ensure time already invested resulted in a useful global tool for managing water resilience. This further collaboration happened at a Network Exchange in London, UK in August 2018, and again in Bellagio, Italy in November 2018.

There are 5 pilot cities of the CWRF, which besides Cape Town, include Hull, Mexico City, Miami and Amman. Since the initial cities were chosen, a further three cities, Rotterdam, Greater Manchester, and Thessaloniki, have been added to the cities contributing to the development of the tool.

Once the tool is completed, the Resilience Department intends to include the tool as an action in the Resilience Strategy which is intended to serve before Council for consideration before the end of the 2019/2019 financial year.

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## 10. ANNEXURES

### FOR FURTHER DETAILS, CONTACT:

DATE	22 November 2018		
NAME	Gareth Morgan	CONTACT NUMBER	021 4001297
E-MAIL ADDRESS	Gareth.morgan@capetown.gov.za		
DIRECTORATE	Corporate Services	FILE REF NO	
SIGNATURE :			

  
EXECUTIVE DIRECTOR

CRAIG KESSON

NAME

*Craig Kesson*

DATE

*3 Dec. 2018*

COMMENT:



MANAGER: INTERNATIONAL RELATIONS

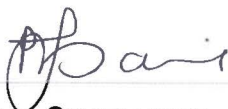
DR. DENVER VAN SCHALKWYK

COMMENT:

*ACTIONS NOTED*

*06/12/2018*

DATE



LEGAL COMPLIANCE

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

☐ NON-COMPLIANT

COMMENT:

NAME

*Patricia Davis*

TEL

*(021) 400-1549*

DATE

*07.12.2018*

*For information. #*

*[Handwritten Signature]*

CITY MANAGER

DATE

*Lungelo Mbandazayo*  
**10 DEC 2018**  
*City Manager*

☒ SUPPORTED FOR ONWARD SUBMISSION TO:

MAYCO ☒

RELEVANT SECTION 79 OR 80 COMMITTEE ☒

☐ NOT SUPPORTED

☐ REFERRED BACK

COMMENT:

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