



**REPORT TO: CITY MANAGER**

**TO BE REFERRED BY THE OFFICIAL TO MAYCO VIA THE RELEVANT [ENERGY  
PORTFOLIO] SECTION 79 COMMITTEE [AFTER CONSIDERATION BY CITY MANAGER]**

**[OFFICIALS TRAVELLING OVERSEAS FOR COUNCIL RELATED ACTIVITIES]**

**1. ITEM NUMBER**

**2. SUBJECT**

**FEEDBACK ON THE INTERNATIONAL/OUTSIDE THE BORDERS OF THE  
RSA TRIP UNDERTAKEN FROM 23 TO 24 SEPTEMBER 2024 TO ATTEND  
THE ENERGY SHOWCASE IN MUMBAI INDIA, INDIA**

**ONDERWERP**

**TERUGVOERVERSLAG OOR DIE INTERNASIONALE REIS BUITE DIE  
GRENSE VAN DIE RSA VAN 23 TOT 24 SEPTEMBER 2024 OM DIE  
“ENERGY SHOWCASE” IN MUMBAI, INDIË BY TE WOON**

**ISIHLOKO**

**INGXELO      ENGEMVA      KOHAMBO      OLUYA      KUMAZWE  
APHESHEYA/KWIMIDA      ENGAPHANDLE      KOMZANTSI      AFRIKA  
OLUTHATYATHWE UKUSUSELA NGOWAMA23 UKUYA KOWAMA24  
KWEYOMSINTSI 2024 NGENJONGO YOKUZIMASA UMBONISO  
WEZAMANDLA EMUMBAI INDIA, E-INDIA**

**LSU: R1245**

### 3. EVENT SUMMARY

EVENT DETAILS	
CONFERENCE/SEMINAR	The Energy Showcase – C40 Cities Finance Facility
OTHER	The Energy Showcase aims to inspire other cities to pursue energy and building decarbonisation projects, provide a platform for C40 Cities Finance Facility (CFF) cities to establish partnerships that support their climate efforts, and encourage organisations working in finance and energy to adopt lessons learned, policies, and programmes from cities' energy projects. The event includes presentations about innovations and best practices from other CFF partner cities. There will also be opportunities for exchanges between participating cities and external partners on the potential solutions to develop and finance municipal energy projects.
DATE	23 September 2024 until 24 September 2024
VENUE	Taj President Hotel, Colaba, Mumbai, India
TOTAL COST TO THE CITY	R 2 434.50
CITY	Mumbai
COUNTRY	India
ATTENDEE DETAILS	
NAME AND SURNAME	DESIGNATION
Mr Marlyn Hendricks	Senior Professional Officer: Municipal Generation Contracts
Mr Trevor Govender	Head Project Development And Project Management
PROVIDE SUMMARY OF HOST ORGANISATION / CITY	
<p>C40 is a global network of mayors of the world's leading cities that are united in action to confront the climate crisis</p> <p>Cities Finance Facility (CFF) facilitates access to finance for climate change mitigation and resilience projects in cities through Project Preparation, Learning and Training, Equity and Inclusion and Partnerships</p>	

### 4. OBJECTIVE

The Energy Showcase aims to inspire other cities to pursue energy and building decarbonisation projects, provide a platform for C40 Cities Finance Facility (CFF) cities to establish partnerships that support their climate efforts, and encourage organisations working in finance and energy to adopt lessons learned, policies, and programmes from cities' energy projects.

## 5. OUTCOMES

The event was hosted by The C40 Cities Finance Facility (CFF) and the Brihanmumbai Electric Supply and Transport Undertaking (BEST). Delegates from cities and external partners from Latin America, Africa, South Asia, and Southeast Asia. Non-CFF cities (C40 and non-C40 Cities), The format of the conference were in the form of presentations, panel discussions, workshops and a site visit, covering a wide variety of topics, including but not limited to technological, financial, opportunities and challenges for city-led energy projects.

Day 1 of the conference started with the opening preliminaries and handover of the the electric bus (e-bus) by CFF to Brihanmumbai Electric Supply and Transport Undertaking (BEST). BEST is in the process of transitioning from fossil fuel operated public busses to electric busses. A pilot project of 500 busses were launch to investigate the feasibility, understand the infracture requirements and constraints. The pilot project results were positive and BEST now have plans to add a further 3000 e-busses with a target to have 10 000 e-busses by 2026. The pilot project included installation of changing stations coupled with solar photovoltaic (PV) at bus depots. The solar PV will ensure that charging of the bussed are from renewable energy, thus ensuring the full benefits for carbon reductions are achieved.

The second half of day 1 included presentations of energy projects undertaken by CFF Partner Cities, including the projects' goals and results and experiences and learnings from the project preparation process. Cities' provided an overview of actions in the energy sector, discussed technological, financial, and equity & inclusion trends, and examine the opportunities and challenges for city-led energy projects. CFF projects presented were from Bogota, Kuala Lumpur, Dakar, Curitiba, Quezon Cities and in the form of a panel discussion among representatives of cities and external partners. Most cities are implementing a combination of energy efficiency and solar PV projects with the key objective to reduced carbon emissions and contribute toward net zero carbon targets (NZC). The energy efficiency project that stood out was presented by Kuala Lumpur. They are improving the energy performance of district cooling by implementing a decentralised cooling systems for one of the key government buildings. A saving of 380W/year saving is envisaged.

As CFF aids partner cities by building institutional capacity and maintaining their decision-making autonomy and as the clean energy landscape evolves, regulatory reforms are essential for innovation and investment. This was the focus of day 2 of the conference with presentations focused on Governance structure and regulatory reforms supporting energy projects by enabling effective institutions, implementing key policy changes, tackling regulatory challenges and ensuring E&I throughout the project lifecycle. In this session, CFF partner cities (Bogotá, Quezon, Dakar, and Cape Town) will share insights on aligning with policy changes, navigating regulatory hurdles, and ensuring equity and inclusion throughout the project lifecycle. A common threat amongst most presentations were that there are still a lot required to adequately reform the governance structures, policies and legislation to

support and enable energy projects from a national and local government level. As an example, some Cities' have a 100kW cap of generation without a licence or there's are no regulations on net metering/billing or power purchase agreements (PPA) are not allowed of rooftop solar PV.

The highlight of day 2 was the site visit and bus ride in Mumbai's electric bus (e-bus) where we got to understand Mumbai traffic, the need to transition to a cleaner form of transportation.

## 6. ACTIONS REQUIRED

- Arrange a peer 2 peer learning and knowledge exchange between City of Cape Town Mumbai's electric bus pilot.
- Explore Energy Efficiency tools available at no charge from IFC to understand how it can be used in our Energy Efficiency programmes.

## 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 Energy Showcase, Mumbai, India undertaken by Mr. Trevor Govender and Mr. Marlyn Hendricks on 23 to 24 September 2024 **be considered and noted.**

## AANBEVELINGS

Daar word aanbeveel dat die terugvoerverslag oor die reis na die "Energy Showcase" in Mumbai, Indië deur Trevor Govender en Marlyn Hendricks van 23 tot 24 September 2024 **oorweeg word en dat daarvan kennis geneem word.**

## IZINDULULO

Kundululwe ukuba **makuthathelwe ingqalelo kwaye kuqwalaselwe** ingxelo engemva kohambo oluya kuMboniso wezaMandla, eMumbai, eIndia oluthatyathwe nguMnu Trevor Govender Mnu Marlyn Hendricks ngowama23 ukuya kowama24 kweyoMsintsi 2024.

**LSU: R1245**

## 9. GENERAL DISCUSSION

*None*

## 10. ANNEXURES

- **Annexure A: Energy Showcase Paardevlei Presentation**

## FOR FURTHER DETAILS, CONTACT:

DATE	07 October 2024		
NAME	Shireen Hopley	CONTACT NUMBER	021 444 0072
E-MAIL ADDRESS	Shireen.Hopley@capetown.gov.za		
DIRECTORATE	Energy	FILE REF NO	
SIGNATURE :		Leila Mahomed Weideman	Digitally signed by Leila Mahomed Weideman Date: 2024.10.11 08:11:41 +02'00'

**EXECUTIVE DIRECTOR:ENERGY**

[KADRI NASSIEP]

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

COMMENT:

SIGNATURE:

NAME

DATE

  
Kadri Nassiep.  
14 OCT 2024

**MANAGER: INTERNATIONAL RELATIONS**

DR. DENVER VAN SCHALKWYK

SIGNATURE:

DATE

COMMENT:

Acting Manager while Dr Denver van Schalkwyk is away on Official Business.  
Actions are noted.

☐ 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:**

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

NAME

TEL

DATE

**CITY MANAGER**

☒ NOTED

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

DATE

**COMMENT:**