

EDE19-10-024

REPORT TO SUBCOUNCIL 1, 7, 11, 14, 17, 18, 24

1. ITEM NUMBER: 24SUB 11/10/19 ariat

2. SUBJECT

ROLL-OUT OF NATIONAL SOLAR WATER HEATER PROGRAMME BY
THE DEPARTMENT OF MINERAL RESOURCES AND ENERGY (DMRE)
AND CENTRAL ENERGY FUND (CEF) IN CITY OF CAPE TOWN:
SOCIAL FACILITATION FOR TECHNICAL FEASIBILITY ASSESSMENT.

ONDERWERP

INWERKINGSTELLING VAN DIE NASIONALE PROGRAM VIR
SONKRAGWATERVERWARMERS DEUR DIE DEPARTEMENT VAN
MINERALE HULPBRONNE EN ENERGIE EN DIE CENTRAL ENERGY
FUND (CEF) IN DIE STAD KAAPSTAD: MAATSKAPLIKE FASILITERING
VIR TEGNIESE UITVOERBAARHEIDSBEOORDELING

ISIHLOKO

UKUQALISWA KWENKUBO ENGEZISHUSHUBEZI ZAMANZI
EZISEBENZISA IMITHA YELANGA LISEBE LEZIMBIWA NEZAMANDLA
(DMRE) NENGXOWA-MALI YEZAMANDLA EMBINDINI (CEF) KWISIXEKO
SASEKAPA: UKUSEBENZISANA KOLUNTU EKUVAVANYENI
UKUSEBENZA KWEZOBUCHWEPHESHE.

L1614

3. PURPOSE

- 3.1 To provide information to sub-councils which incorporate the communities identified to benefit from the DMRE and CEF's provision of solar water heaters under its National Solar Water Heater programme.
- 3.2 To inform sub-councils about the commencement of social facilitation and the technical feasibility assessment.

4. FOR NOTING

- 4.1 To note the National Solar Water Heater Programme being jointly implemented by DMRE and CEF.
- 4.1 To note the commencement of the social facilitation process.
- 4.2 To note the appointment of the service provider to undertake technical feasibility assessment and the commencement of the technical feasibility

HSMDCCG2
SCM2019-10-030

Making progress possible. Together.

assessment in selected beneficiary areas.

5. EXECUTIVE SUMMARY

In Financial Year 15/16, Cabinet noted the decision to revise the National Solar Water Heater Programme. The CCT municipal area was allocated 5000 solar water heaters under this programme. An agreement between DMRE and CCT was signed in 2017. This is a DMRE programme (in partnership with CEF), CCT provides support where feasible.

As requested by DMRE, CCT's Housing Development Department identified and selected eight Identified Residential Areas (IRA) in CCT to benefit from the programme. This was based on selection criteria set out in the Municipal Framework Agreement (MFA). DMRE have contracted SDB Holdings Pty Ltd to carry out 'Technical Feasibility Assessments' in the eight areas. The Department of Labour (DoL) (in consultation with CCT) is developing the list of potential installer assistants who will be trained during the installation phase.

This report provides information on DMRE's National Solar Water Heater Programme to the affected Sub-councils.

6. RECOMMENDATIONS

This report is for information purposes only. Subcouncils should note that the social facilitation process and technical feasibility assessment will now commence.

AANBEVELINGS

Die verslag is slegs ter inligting. Subrade moet daarvan kennis neem dat daar nou met maatskaplike fasilitering en tegniese uitvoerbaarheidsbeoordeling begin sal word.

RECOMMENDATIONS

Le ngxelo yeyokuba inike ulwazi kuphela. AmaBhungana kufuneka aqwalasele ukuba inkqubo yokusebenzisana noluntu kunye nokuvavanya ukusebenza kwezobuchwepheshe izakuqalisa ngoku.

7. DISCUSSION/CONTENTS

Identified Residential Areas

DMRE requested the municipalities to propose Identified Residential Areas (IRAs). CCT's Housing Development Department proposed IRAs as listed below. Selection of areas is spread across all four demarcation areas in the municipal jurisdiction area in an effort to extend the opportunity across Cape Town, while recognising the very limited number of solar water heaters allocated to Cape Town. Selection is also based on practicality from an operational perspective.

1. Atlantis Kanonkop (Ext 12) Phase 1: Area 1
2. Morningstar Housing development: Area 1
3. Morkels Cottage Housing project: Area 2
4. Hazendal Infill (Bokmakierie): Area 3
5. Heideveld Duniefontein: Area 3
6. Gugulethu Infill (Erf 8448/MauMau): Border of Area 3 & 4
7. Pelikan Park Phase 1: Area 4
8. Rondevlei: Area 4

This list was approved and signed off by the Mayoral Committee Member for TDA in October 2018.

Social facilitation

The objective of social facilitation is to secure buy-in from the community and provide understanding regarding the programme. CCT will provide support where feasible to assist DMRE and CEF. DMRE will source guidance from CCT on how Community Liaison Officers can be appointed from the beneficiary communities. Community liaison officers will be a focal point between DMRE/ CEF, CCT and the community. The role of community liaison officers is to:

- Mobilize community support for the roll-out of the NSWV Programme
- Assist CEF, DMRE and CCT in highlighting hotspots in the community and assist in coordinating community mobilisation meetings between the relevant stakeholders.

Technical Feasibility Assessments

DMRE has appointed SDB Holdings Pty Ltd to conduct the Technical Feasibility Assessment in Cape Town. This involves assessing the technical suitability of the houses in the IRAs for SWH installation (including roof structure soundness, and municipal water supply and quality in the areas).

Training

The Department of Labour (DoL), through the Unemployment Insurance Fund, is funding the training of installer assistants (70% must be former UIF contributors and 30% unemployed). For the roll out in Cape Town, 152 installer assistants will be trained and assist the appointed service providers during the installation phase. The training will be EWSETA accredited.

Further information on the SWHs

All units come with a 5-year warranty; thereafter the SWH becomes the responsibility of the household. Information on the use of the SWH (and on how to contact the service provider should anything need repair in the 5-year warranty period) will be provided to the households.

7.1. Constitutional and Policy Implications

None

7.2. Sustainability implications

Does the activity in this report have any sustainability implications for the City?	No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/>
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7.2.1 Discuss any environmental, social and economic issues that may result from this project.

While the National Solar Water Heater Programme has, as its primary objective, the promotion of energy efficiency through the use of sustainable energy sources and demand side management, it is also expected to yield social and economic benefits, such as employment creation, skills development, savings in households and better health and quality of life. These benefits are amplified by the extension of the Programme to include the repair/replacement of existing solar water heater systems which were installed in earlier municipal or national programmes.

7.2.2 The contents of the report comply with the Environmental Strategy for the City of Cape Town, as approved by Council on 24 August 2017.

7.3. Legal Implications

None

7.4. Staff Implications

Does your report impact on staff resources or result in any additional staffing resources being required?

No ☒

Yes ☐

(if yes, please indicate whether or not it is part of the approved staffing structure, whether the posts are budgeted for etc.)

7.5. Services Consulted

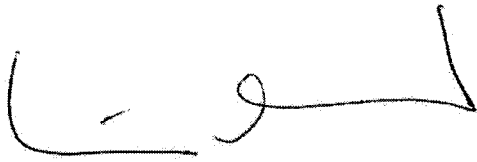
Housing Development Dept; Sustainable Energy Markets Dept; Legal Services.

ANNEXURES

A. DMRE presentation on National Solar Water Heater Programme.

FOR FURTHER DETAILS, CONTACT:

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DIRECTORATE	Energy & Climate Change; Human Settlements
FILE REF NO	n/a



Comment:

DIRECTOR: SEM

NAME: Leila Mahomed Weideman

DATE

9/10/19



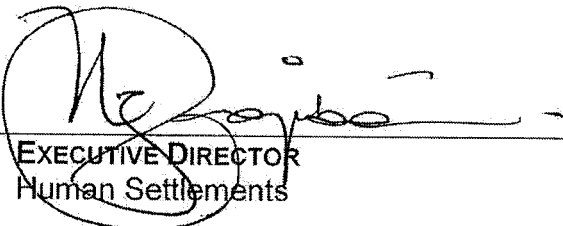
Comment:

EXECUTIVE DIRECTOR
Energy and Climate Change

NAME: Kadri Nassiep

DATE

9/10/19



EXECUTIVE DIRECTOR
Human Settlements

Comment:

NAME

DATE

2019.10.14