

# FISH HOEK VALLEY RATEPAYERS & RESIDENTS ASSOCIATION

(Incorporating Fish Hoek, Clovelly and Sun Valley)

Central Circle, Fish Hoek 7975

Web: <https://www.fishhoekratepayers.com/> Facebook: [www.facebook.com/FHVRRA/](https://www.facebook.com/FHVRRA/)

Heritage Western Cape: Conservation Body

TO: [ClimateChange.Enquiries@capetown.gov.za](mailto:ClimateChange.Enquiries@capetown.gov.za)

SUBJECT: COMMENTS ON CITY'S DRAFT CLIMATE CHANGE STRATEGY <sup>1</sup>

DUE DATE: 30 SEPTEMBER 2020

## 1. DISCUSSION

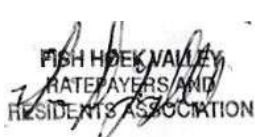
Thank you for this opportunity to comment on this important policy. Our sincerest wish is that the City actually considers our proposals.

Regarding Section 3.2 Cape Town's greenhouse gas (GHG) emissions where transport's contribution is the largest, not everyone nor every business will replace their vehicle with zero emitting electric vehicles, especially given Eskom's random acts of load shedding and the City's inability to be allowed to generate its own electricity. However, there is an alternative to at least alleviate the GHG. Tax incentives and cheaper, locally produced vehicle conversion "kits" using lightweight aluminium tanks could be a solution. Although propane is arguably a better source of gas energy, Liquefied Petroleum Gas (LPG) or AutoGas is more readily available and cheaper. More filling stations and certified kit installers are needed. Spark ignited petrol engines can be converted to run 100% LPG. Compression ignited (CI) diesel engines still need diesel, but even adding just 20% in the air stream (post MAF) can reduce carbon dioxide by 10%, nitrous oxides and black smoke by 50%. Due to the accelerated fumigated combustion, combustion temperatures are actually reduced and the fuel burns completely, rather than the last 20% not combusting in non-fumigated CI engines.

## 2. SUMMARY OF RECOMMENDATIONS

In conclusion, to support cleaner vehicle fuel, there needs to be:

- tax incentives for converting to and using LPG;
- cheaper vehicle conversion kits;
- more certified installers; and
- more LPG filling stations on fossil fuel forecourts.

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SIGNATURE	
DATE	6 September 2020

<sup>1</sup> <http://www.capetown.gov.za/City-Connect/Have-your-say/Issues-open-for-public-comment/draft-climate-change-strategy>