



Strætó and E buses



**Besta
leiðin**
í skólann



Ownership

Straeto bs, municipality owned company by six municipalities. Responsible for public transport network in Reykjavik greater area.

PTA and PTO.

Servicing the rural public transport network.



13 cities that are starting to ban cars



Leanna Garfield  

🕒 Feb. 27, 2018, 10:30 AM 🔥 270,307

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Oslo, Norway will implement its car ban by 2019.

Madrid plans to ban cars from 500 acres of its city center by 2020, with urban planners redesigning 24 of the city's busiest streets for walking rather than driving.

What is
happening ?



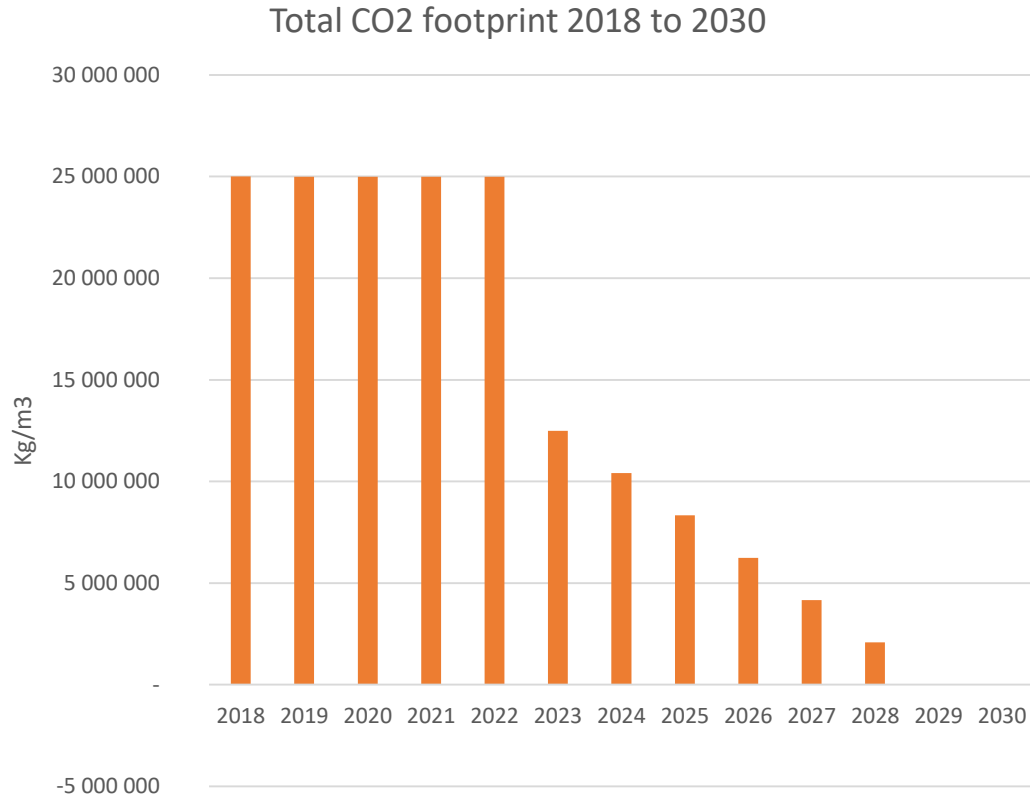
CO₂ Changes

- Fleet in Reykjavik 2019
 - 138 Diesel busses
 - 14 E busses
 - 2 CNG busses
- CO₂ footprint
 - ~25.000.000- Kg/m³ 2018
 - -1.800 Kg/m³ 2018
 - -3.000 Kg/m³ 2019
 - ?????
- New contracts in 4 years ??? E-busses (50 busses in 2023)

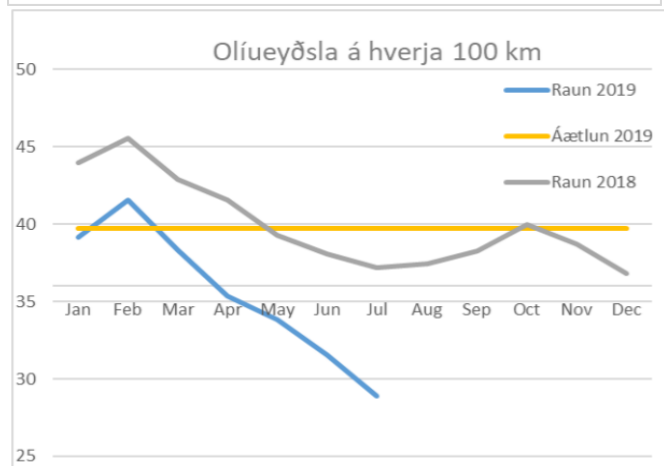
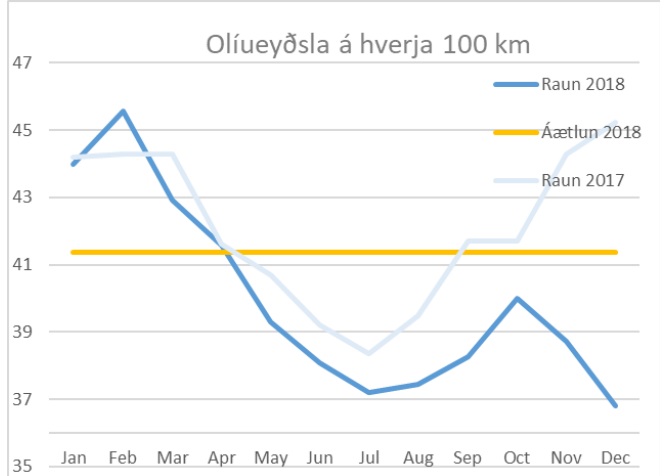


Goal

- Zero emission 2030
- Speculation
- After 2023 10 E-busses pr year



Other Benefits



Before E-buses 2017, around 6.5 millj liters of diesel pr year.

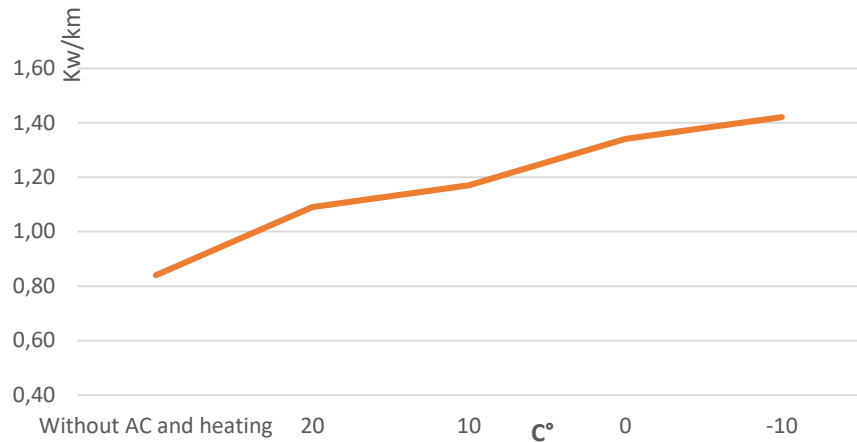
Diff 2017-2018, -26.000- liters
355.000 NoK

Diesel 13,67 NoK Pr/L
El 1,16 NoK KWh

More money for new busses

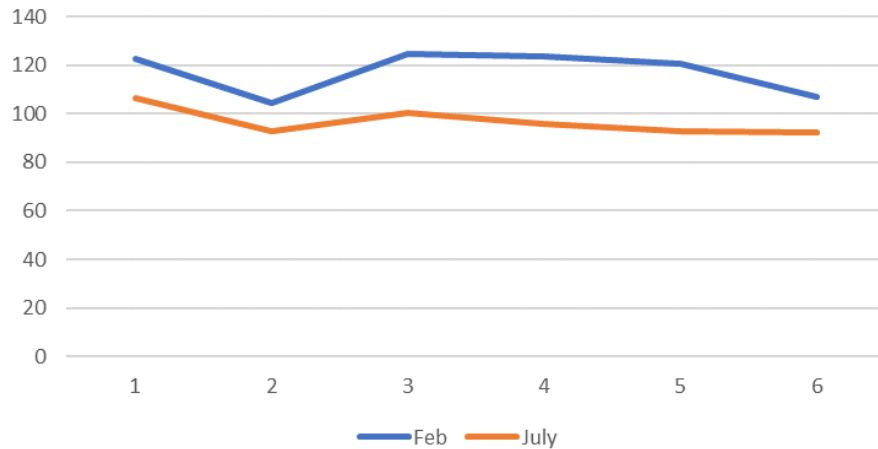
E-bus consumption

According to the manufactor



Measured in Iceland

KWh/100 Km on buss 194 in Feb and July





System

- Charging structure:
 - Containerized charging station. 750 Kwh with 5 outlets each with 2 guns.
 - Charging 5 busses 2hours.
 - 10 busses 4 hours
- Battery, 324 Kwh, 12 batteries pack. Five in the rear and seven on the roof.
- Range 220 km, Consumption on average 1 Kwh,





**Besta
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Thank you