



# DUNDEE CITY COUNCIL: ELECTRIFYING TAXI FLEET



3

18

60



4

10

35



# WELCOME TO DUNDEE



Population  
Area

147,800  
13km by 2.5km

Main centre for regional population of  
over 400,000

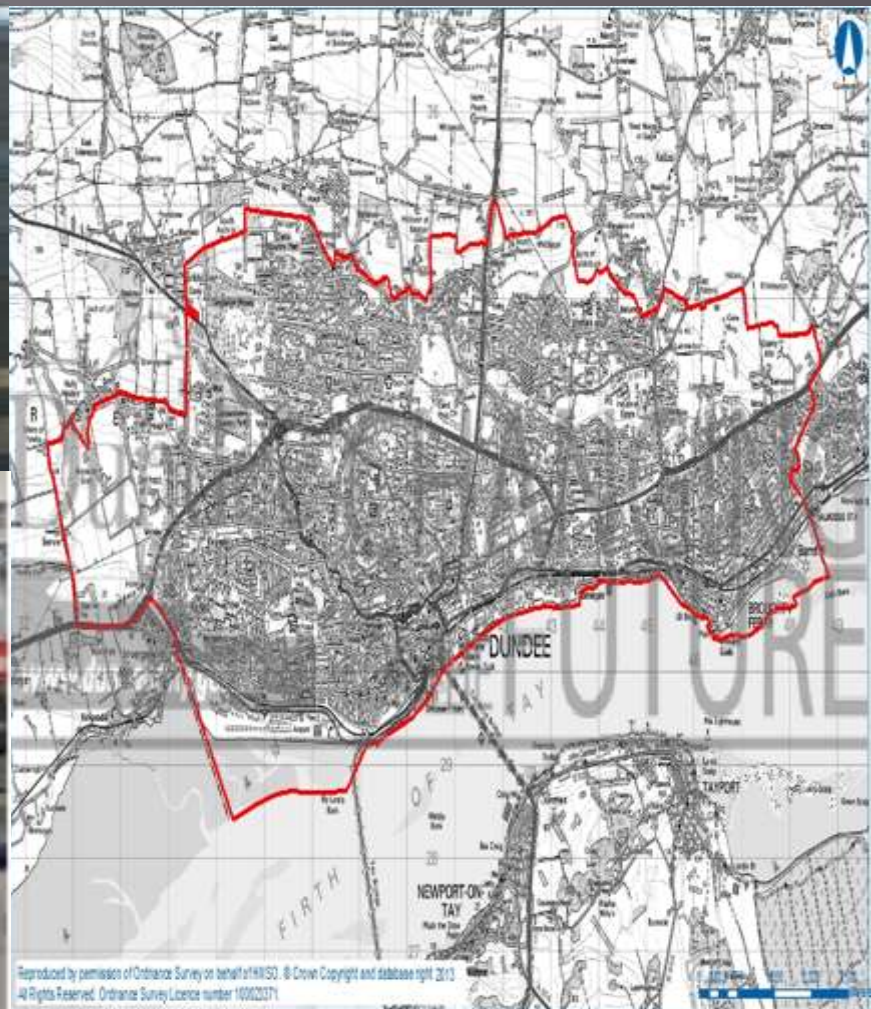
90% of Scotland's population live within  
90 minutes travel distance of the city



# DUNDEE NEEDS TAXI EV'S



**Dundee has the worst polluted streets in Scotland  
Dundee has the worst MOT failure rate in UK**



**Dundee declared the whole city an  
"Air Quality Management Area"**

# SCOTLAND'S ROADMAP

Switched On Scotland:  
A Roadmap to Widespread  
Adoption of Plug-in Vehicles



## ROADMAP VISION

By **2040** the UK government will ban the sale of all conventional petrol and diesel cars and vans.

*By **2032** all new petrol and diesel cars and vans to be phased out in Scotland.- eight years ahead of targets set by the UK government*



# DUNDEE'S FLEET/INFRASTRUCTURE



**Dundee Electric Taxis 98(13%)**

**+3 Million Electric Miles**

**Dundee Council 87 Electric Vehicles**

**18 Rapid Chargers / +50 Fast Chargers**



# Council Taxi Liaison Group



## Each Council Taxi Licensing Policy Unique

### DUNDEE CITY COUNCIL OFFICER REPRESENTATIVES

Lisa ARCHIBALD, Principal General Services Officer, Corporate Services Department

Brian WOODCOCK, Senior Solicitor, Licensing, Corporate Services Department

Fraser CRICHTON, City Development Department

Debbie CURRAN, City Development Department

Craig SOMERS, Environmental Department

### TAXI TRADE REPRESENTATIVES

Erik THORESEN, Dundee Hackney Association

David YOUNG, Dundee Private Hire (203020) Ltd

George HARRIS, 450450

Graeme STEPHEN, Dundee Taxi Association

Willie LEES, GMB

Chris ELDER, Unite Union

### POLICE SCOTLAND REPRESENTATIVES

Cammy FORBES (Constable)

Sean SCANLON (Constable)

### ALSO IN ATTENDANCE

Councillor David BOWES

Councillor Tom FERGUSON



# Hurdles to Switching



Real World - Got to make a profit !



Taxi Industry needs incentives to switch

# Policy Measures

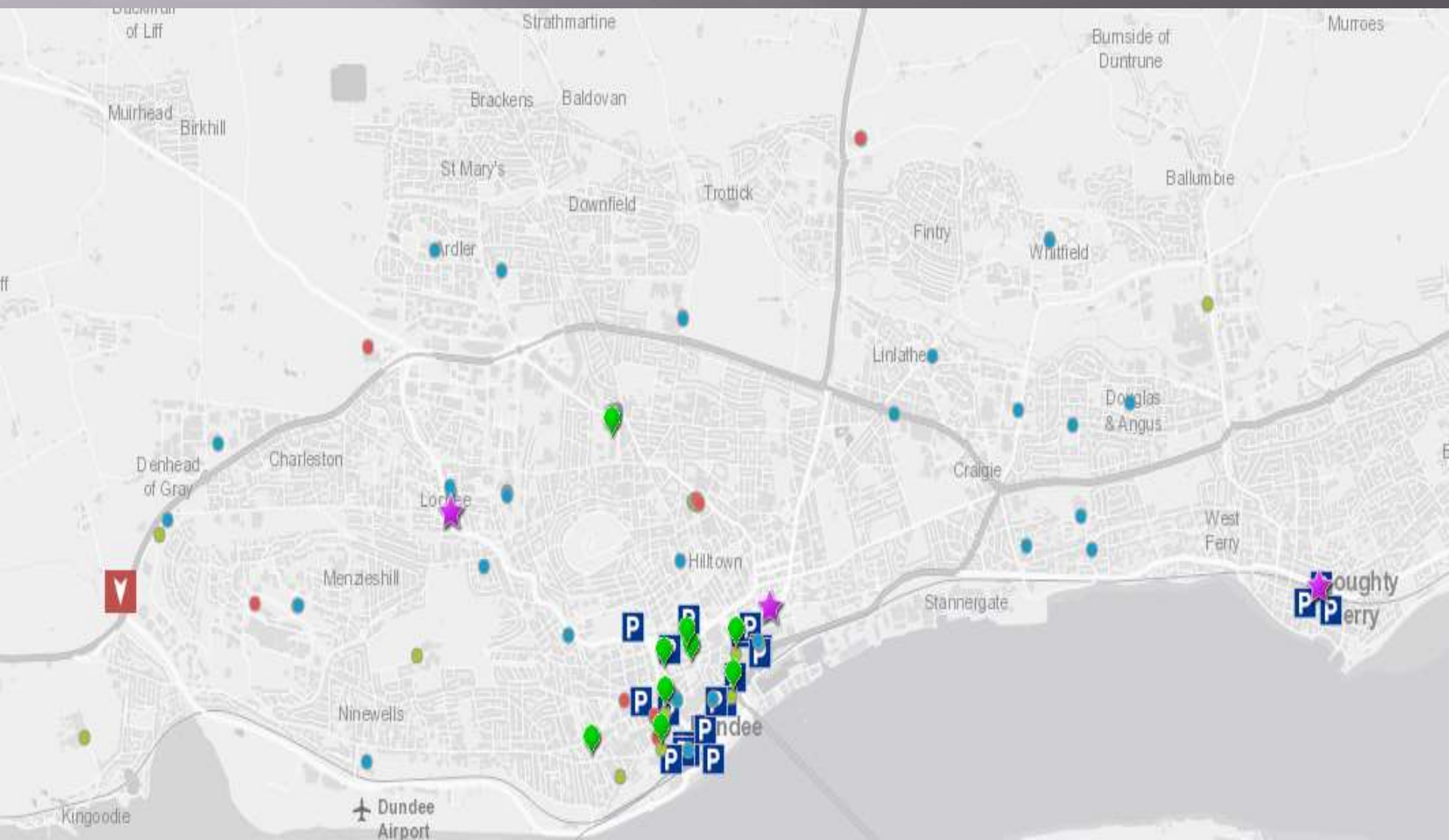
- Free Electricity through out Dundee 2016/17
  - Free Parking in DCC for all EV's from 2017
    - All new PH Taxis must be EV'S
  - Hackney Company Plates can only be EV's
  - Council has introduced EV only Taxi Ranks
- 1.1M council taxi contract tender weighted for EV's
  - OLEV Westminster Taxi Scheme
  - Reduced Taxi Testing costs for EV's



# Charging Hubs/Renewables/Innovation



# Dundee EV Charging Infrastructure





# Dundee EV Charging Infrastructure

## Charging Sessions

OCT 2017		April 2018	Charging Points usage	Lochee Hub Stats since open
Total Charging Sessions	t			
1033 (8592kw)	Public Works Dept, Clepington Rd. Dundee	212 (1003kw)	- 81%	
723 (5131kw)	Queen Street Car Park, Broughty Ferry, Dundee	559 (4439kw)		
700 (7574kw)	Dundee Ice Arena, Dundee	331 (3269kw)	-47%	
292 ( 3529kw)	Greenmarket Multi Car Park, Dundee	264 (3231kw)		
178 ( 825kw)	Gellatly Street Car Park, Dundee	128 (1333kw)		
124 ( 925kw)	Social Work Building, Jack Martin Way, Dundee	26 (150kw)		
	Lochee Charging Hub 2	682 (76146kw)		
6 <sup>th</sup> April Opening	Lochee Charging Hub 1	594 (6686kw)		75 charging sessions per day
	Lochee Charging Hub 4	490 (5718kw)		10.9kw average charge
	Lochee Charging Hub 3	320 (3588kw)		

# REGIONAL EV INFRASTRUCTURE





# Green Tourism



250,000 Visitors

V&A Museum opening 2018

200,000 Spectators

Carnoustie Open Championship 2018

100,000 Visitors

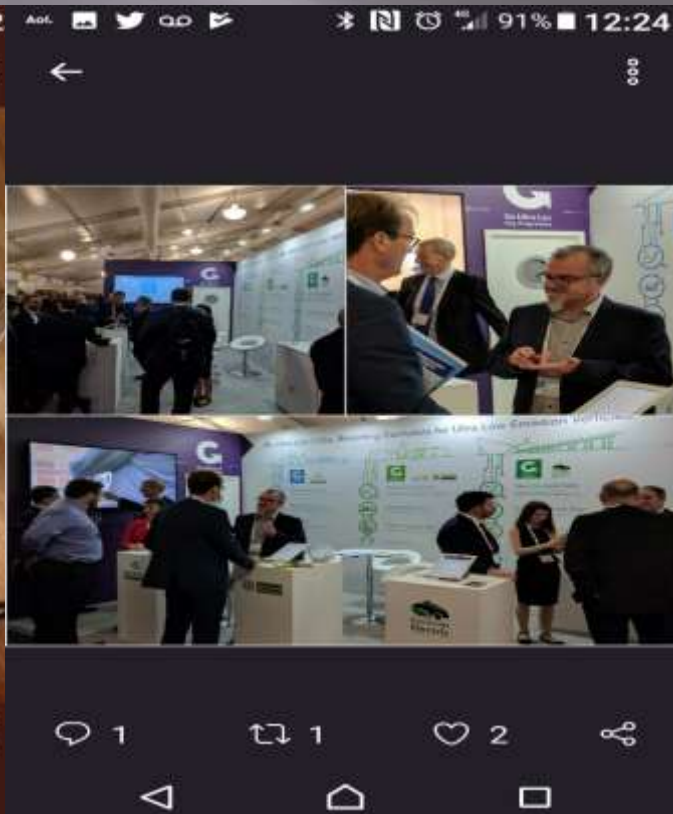
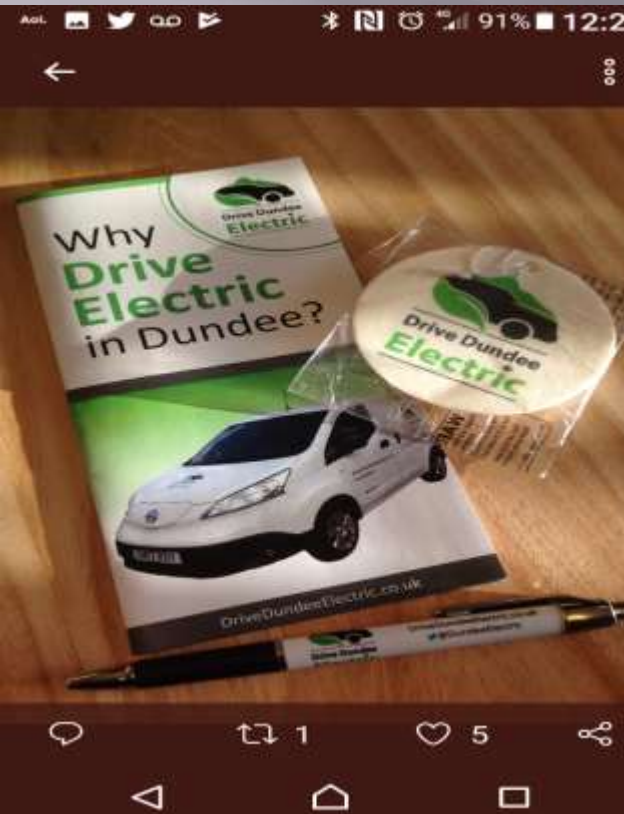
Glamis Castle

# Marketing Communication



<https://drivedundeeelectric.co.uk/>

<https://twitter.com/DundeeElectric>





# Dundee's Electric Future

The world's top 10 'hot destinations' 2018 has been revealed by the Wall Street Journal and Dundee is number five

Dundee has been named the "coolest little city in Britain"

by GQ Magazine ●

"Go Ultra Low" Cities Forum Dundee July 12/13<sup>th</sup> 2018