

Dundee City Council: “Electrifying a City”



120,000 Charging Sessions



24% Electric Taxis



Largest Council EV Fleet

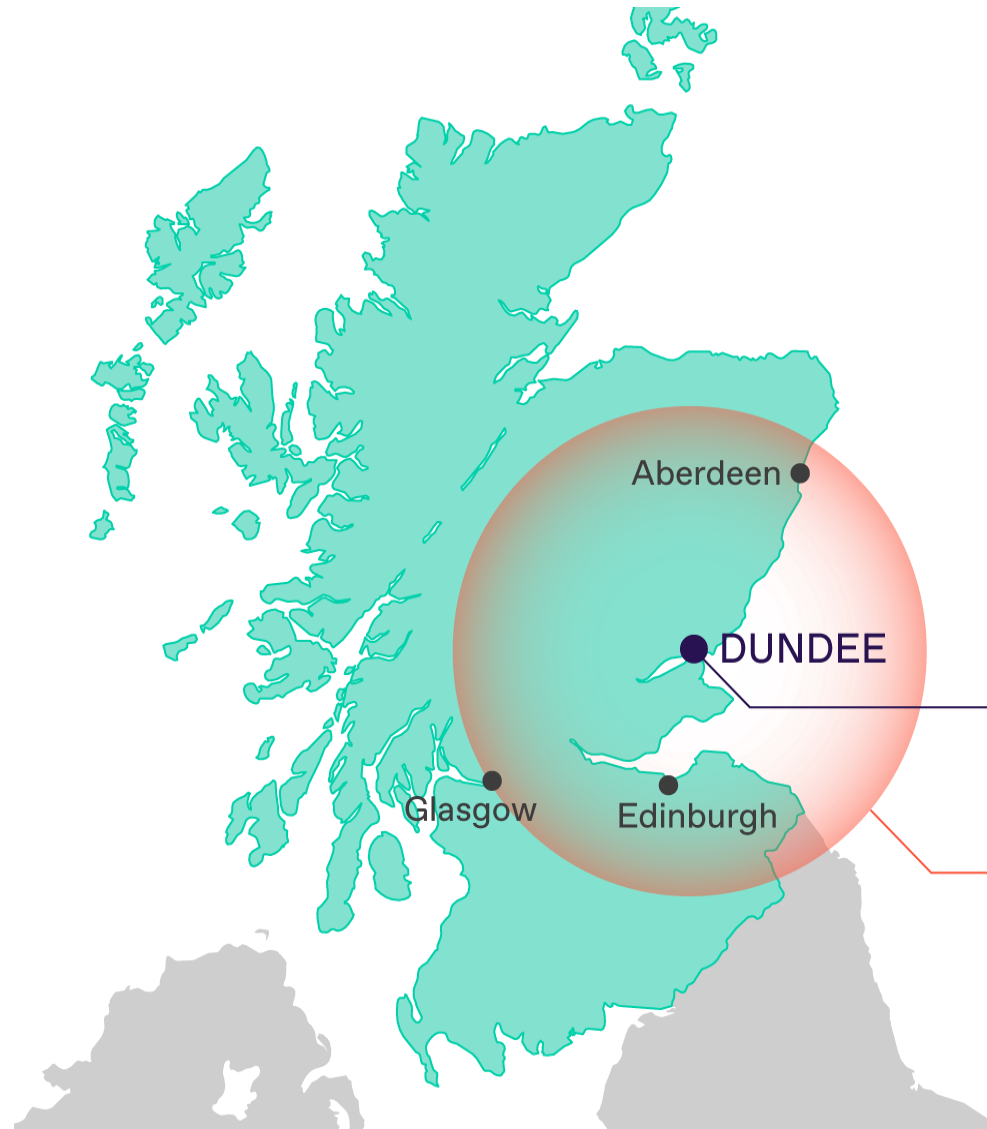
WELCOME TO DUNDEE

POPULATION

147,800

AREA

13km
by 2.5km



Aberdeen

DUNDEE

Glasgow

Edinburgh

Dundee is the main centre for a regional population of over 400,000

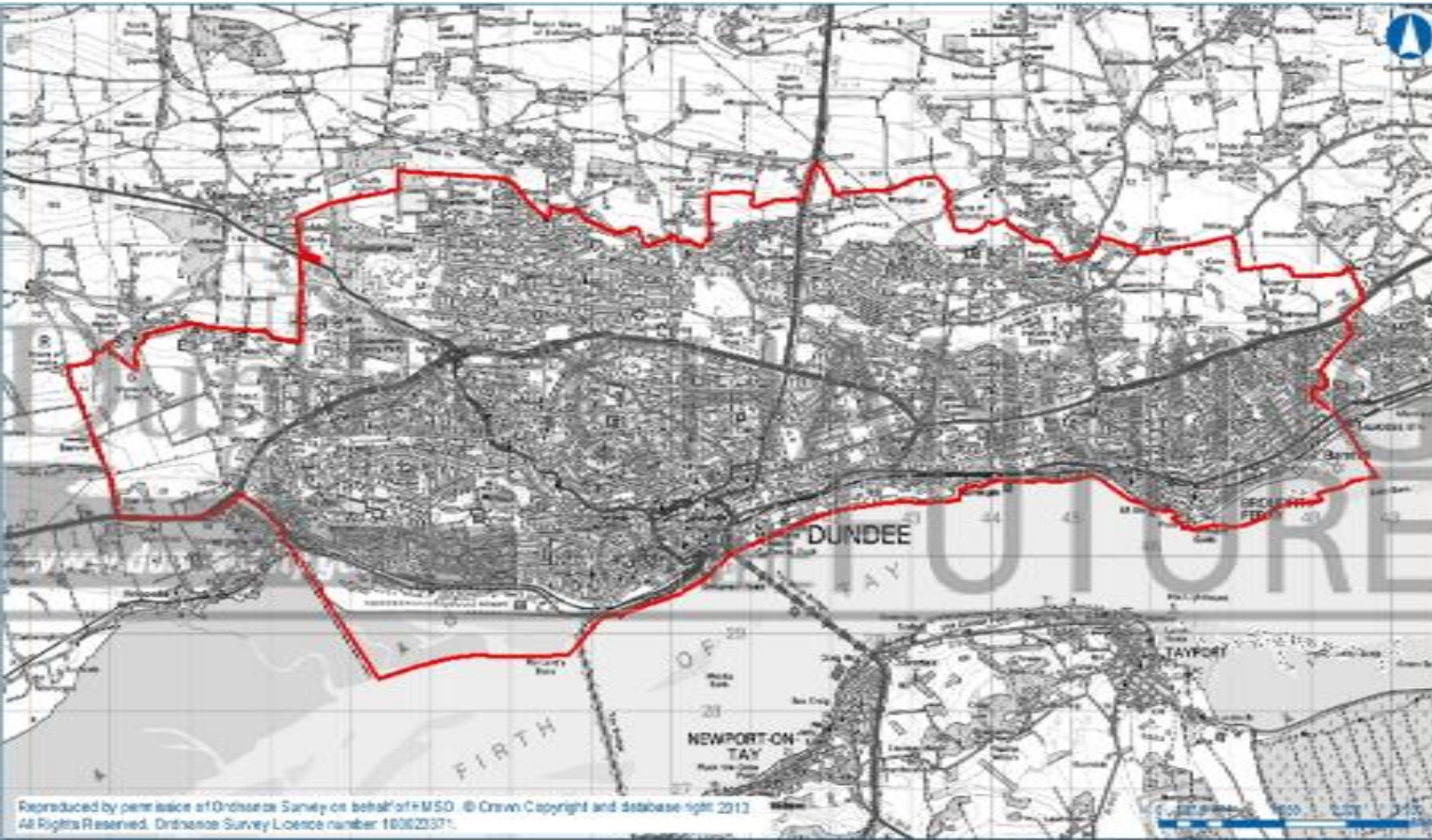
90% of Scotlands population live within 90 minutes travel of the city

DUNDEE'S POLLUTED STREETS

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

"Worst MOT failure rate"





Leading by example/Depot Infrastructure

47M EV Infrastructure Tender 2017-21



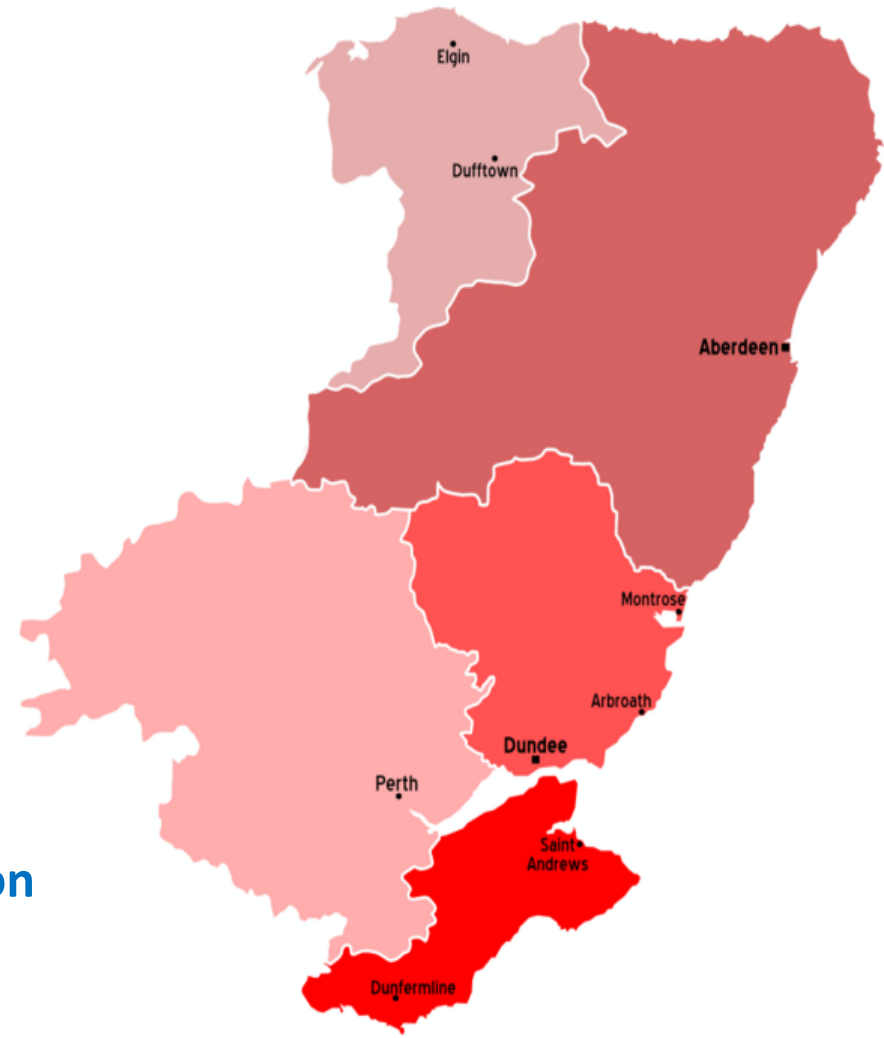
12 x Public bodies



Quality/Technical Specification



Framework with direct award option



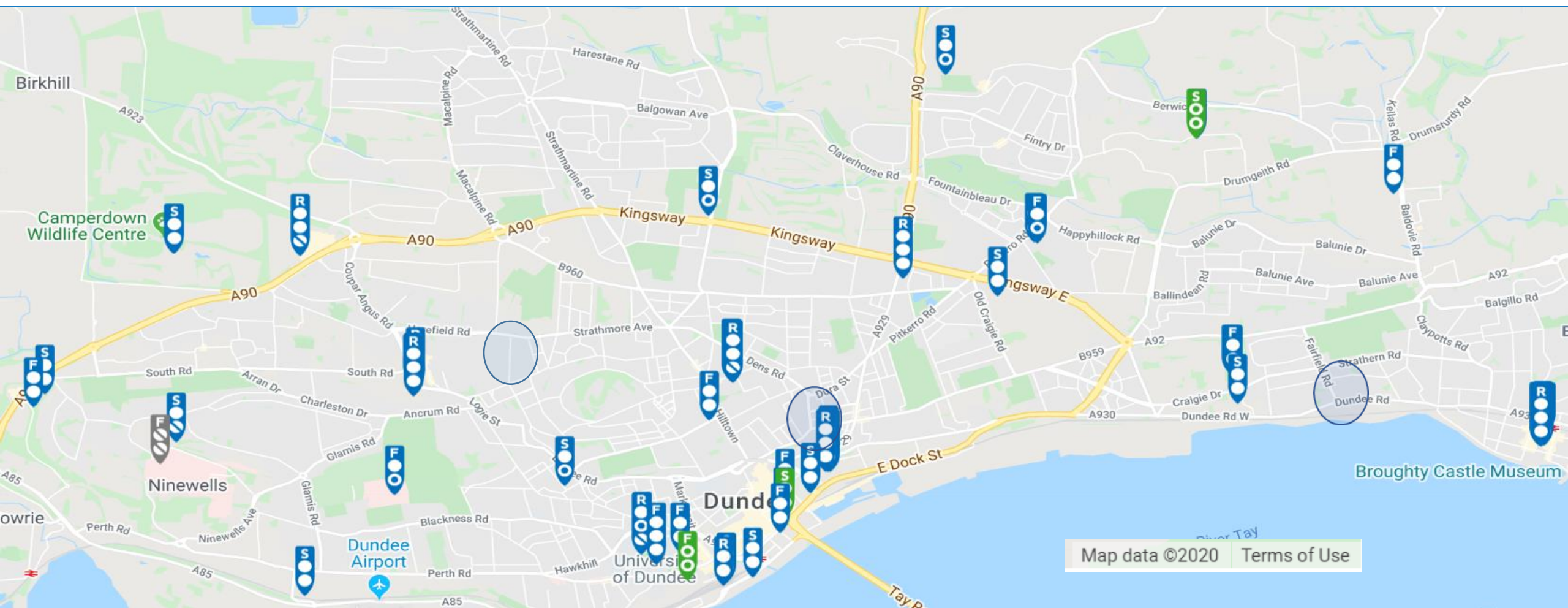
Dundee Taxi Liaison Group



- All new Private Hire taxis must be 100% electric - September 2017
- Hackney Company plates must be 100% electric - September 2017
 - NHS / Council procurement weighted for EVs
 - Free Parking in Dundee for all EVs
 - Reduced taxi testing fees for EVs

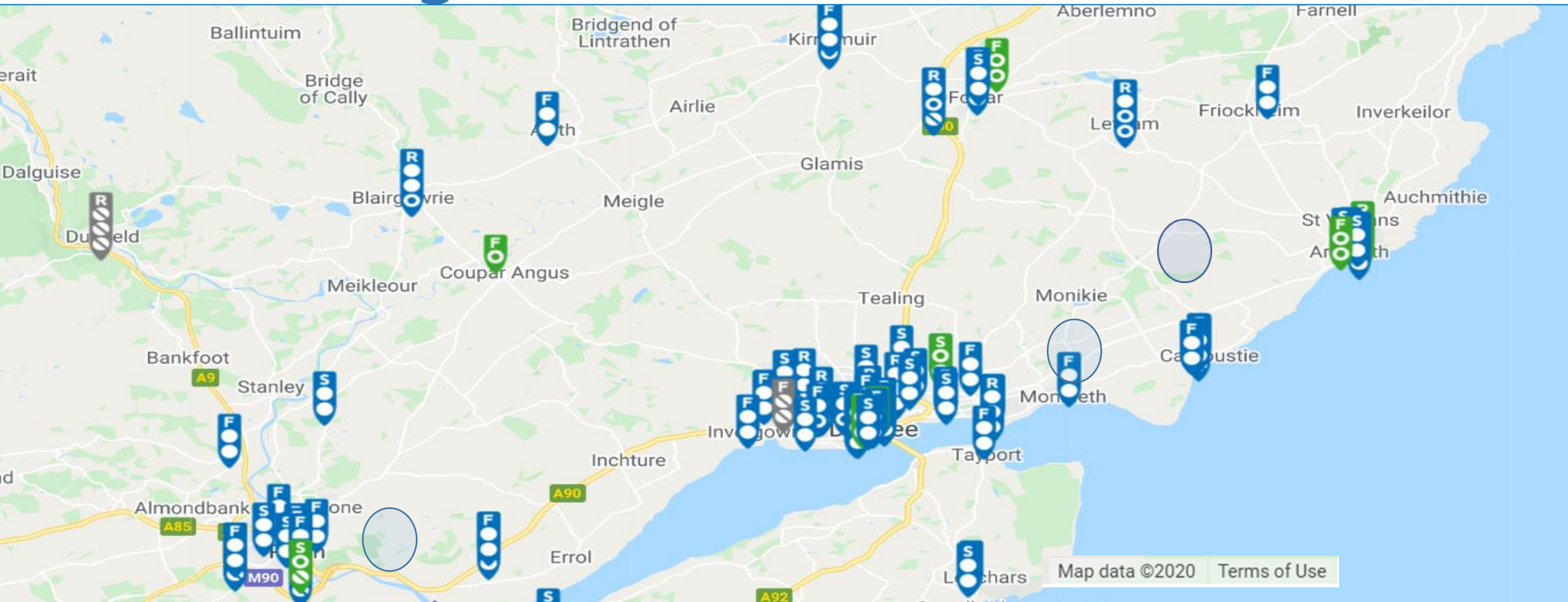
20% + Electric Taxis

Dundee EV Charging Infrastructure



3 x Rapid Charging Hubs

Regional EV Infrastructure



Regionally supported infrastructure

Princes Street EV Hub



90kw
Battery
Storage

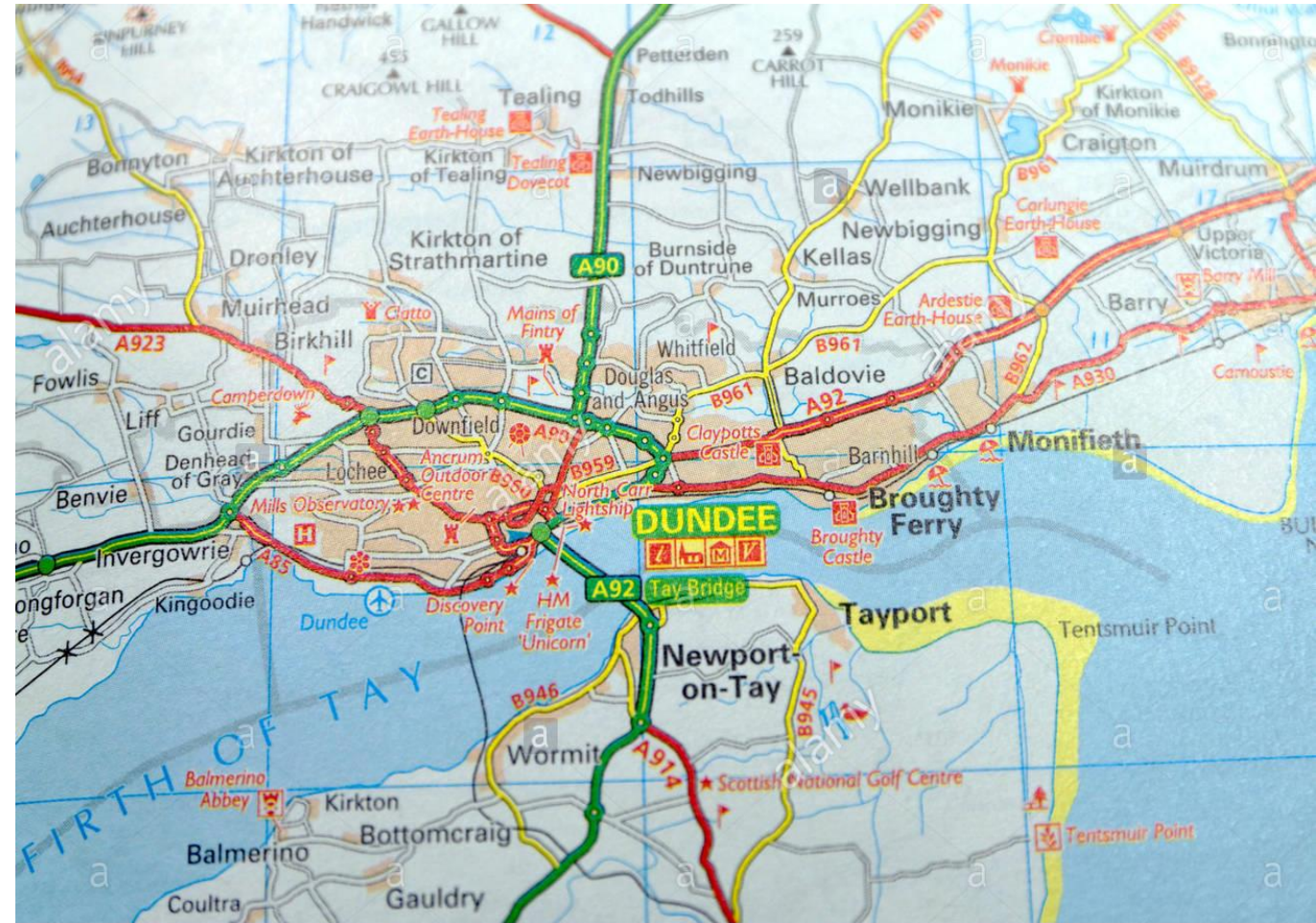
6 x 50kw
3 x 22kw
chargers

3 EV hubs across the city, 4th hub built in 2020

Multi Modal EV Hub



Multistorey Car Park Charging Stations



Dynamic Load Charging Infrastructure



Residential EV Charging Solution



EV Tariff Charging

Element	Price / %	Funding 2019/20
Electricity Cost	Average 12p per kwh	Customers & Air Quality & DCC
DNO Capacity Charges	5.4p per KVA per day	Transport Scotland
Back Office Admin Fee	3.7%	Transport Scotland
Transaction Fee	£0.36 per transaction	Customer
Banking Fee	2.95%	Customer
Merchant Fee	1.5%	Customer
Maintenance Costs	Variable	Transport Scotland

HGV



Drawn SM	Checked SM	Orig. No. P19694/01A	Scale n.t.a.	Date 25/10/1
Project	MARCHBANKS DEPOT HOV CHARGING POINTS Location Plan			
Drawing Title				

ELECTRIC RCV

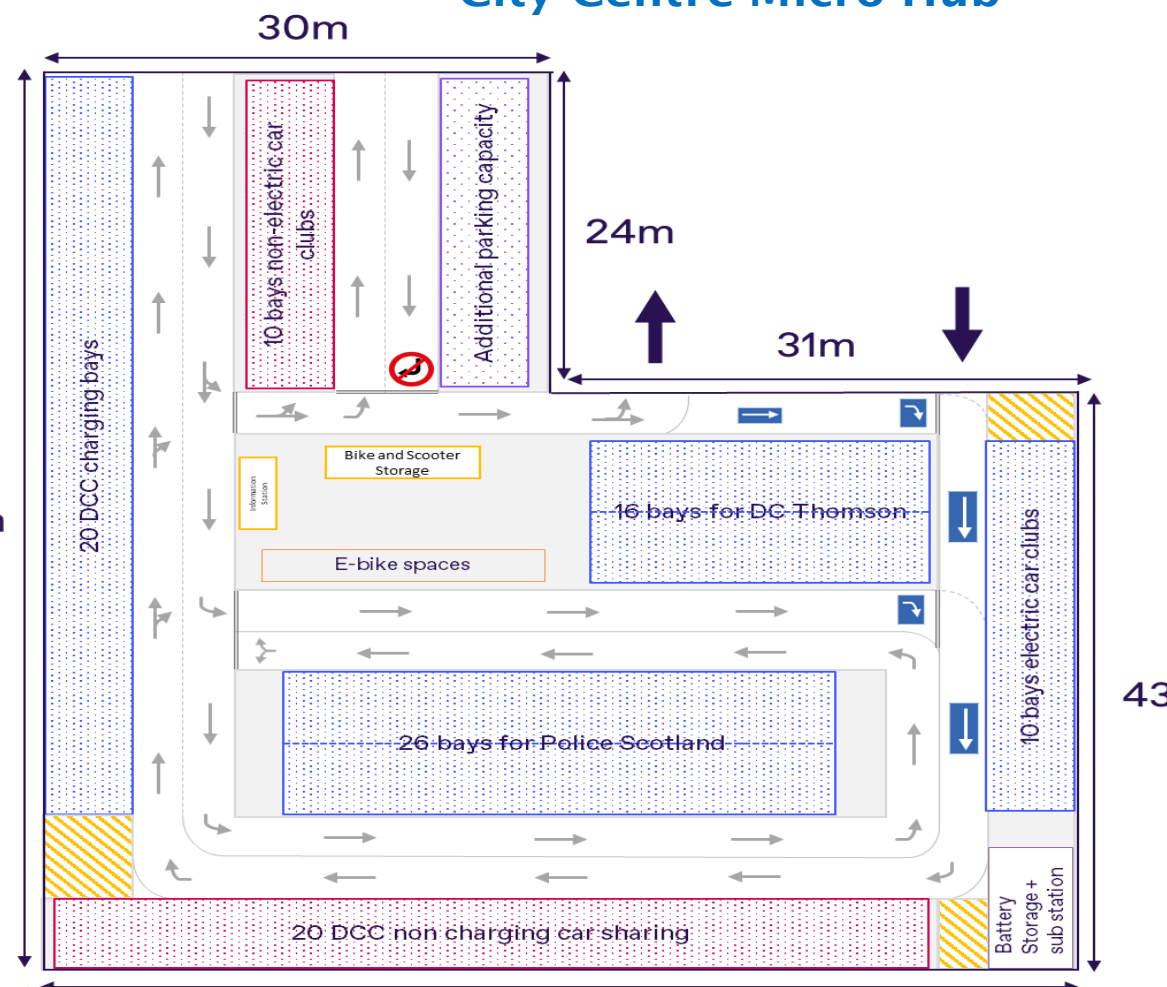


Future Projects



Electric Intercity Coach

City Centre Micro Hub



SCOTLAND'S HOME FOR INNOVATION!



**MICHELIN-
SCOTLAND
INNOVATION
PARC**

MANUFACTURING UNITS

SKILLS ACADEMY

ACCELERATOR LABS

INNOVATION LABS

INNOVATION HUB

MSIP & INCUBATOR UNITS

- 1 Manufacturing Unit
Former Production Workshop
1,890m²
- 2 Manufacturing Unit
Former Production Workshop
1,890m²
- 3 Manufacturing Unit
Former Production Workshop
10,770m²

- 4 Manufacturing Unit
Former Production Workshop
3,200m²
- 5 Manufacturing Unit
Former Production Workshop
4,090m²
- 6 Manufacturing Unit
Former Production Workshop
3,020m²
- 7 Manufacturing Unit
Former Production Workshop
3,020m²
- 8 Manufacturing Unit
Former Production Workshop
3,020m²
- 9 Manufacturing Unit
Former Production Workshop
75,790m²

- 10 Skills Academy
Former Engineering Workshop
2,830m²
- 11 Accelerator Labs
Former Stores Building
2,830m²
- 12 Innovation Labs
Former Engineering Workshop
2,200m²
- 13 Innovation Labs
Former Office Building
- 14 Innovation Hub
New Development
- 15 MSIP & Incubator Units
Former Production Workshop



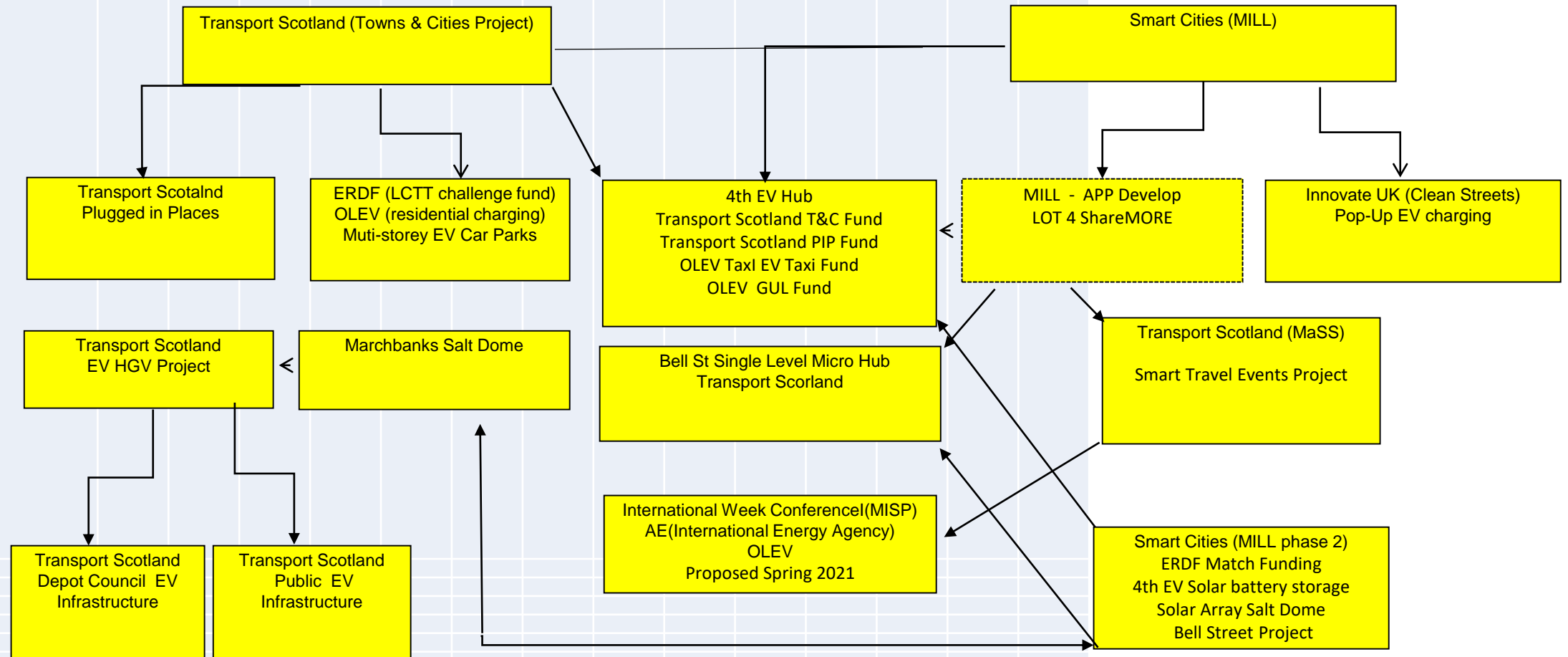


Urban
Foresight

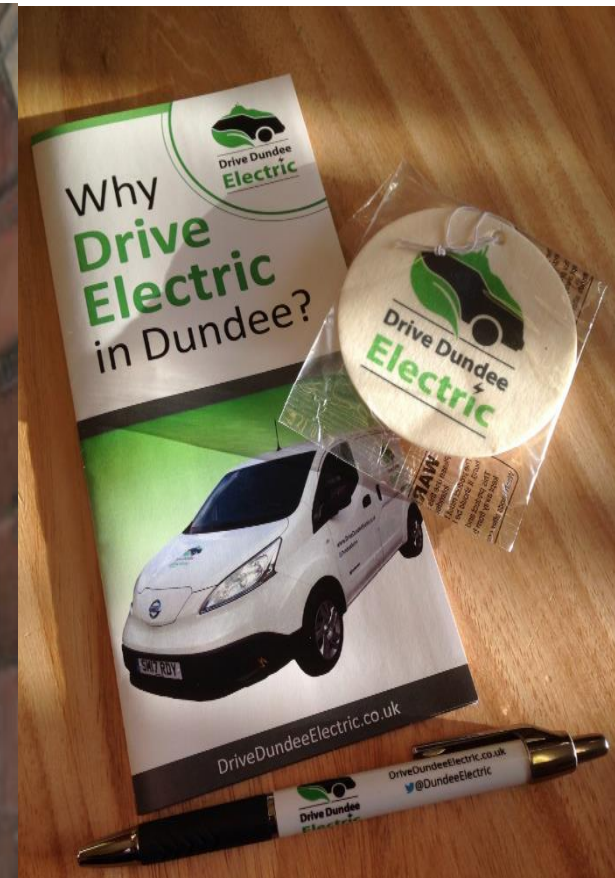
Integrated Mobility/Major Event



Transport Transition GUL Programmes –Sept 2020



Marketing & Communication



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

by GQ Magazine •

Dundee is Europe's most visionary EV city

