



## **Leading the international charge on EV use and Air Quality**

Councillor Mark Flynn  
Depute Convener of City Development



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- **Intro' to Dundee**  
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**H2/JIVE Project**  
**Cycling + Walking**  
**Low Emission Zone**

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# Dundee

- Located on the north shore of the River Tay about 60 miles north of Edinburgh.
- 148,000 residents with large student and elderly populations within the City.
- Known as the City of Discovery after Captain Scott's ship to the Antarctic.
- Key employment is Bio-sciences, IT, Education and Healthcare.
- Named as the UK's first UNESCO City of Design in 2014.
- Undergoing 30yr, £1billion transformation of its waterfront, 240 hectares of land for 8km alongside River Tay.



# Political commitment to tackle Climate Change

- Signed the Global Covenant of Mayors for Climate and Energy in March 2018
- Council declared a Climate Emergency on 24<sup>th</sup> June 2019
- Motion passed to set a science-based target of working towards net-zero greenhouse gas emissions by 2045 or sooner



**Covenant of Mayors  
for Climate & Energy**

I, Councillor Ian Borthwick, Lord Provost of Dundee, have been mandated by Dundee City Council on the 19th March 2018 to sign up to the Covenant of Mayors for Climate and Energy.

**Therefore my local authority principally commits to:**

- Reducing CO<sub>2</sub> (and possibly other greenhouse gas) emissions on its territory by at least 40% by 2030, namely through improved energy efficiency and greater use of renewable energy sources;
- Increasing its resilience by adapting to the impacts of climate change.

*Ian Borthwick*  
Cllr Ian Borthwick  
Lord Provost of Dundee

*John Alexander*  
Cllr John Alexander  
Leader of Dundee City Council

**DUNDEE**  
PARTNERSHIP

**Dundee** CHANGING  
FOR THE FUTURE



## **EV update in Dundee**

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# Electric Vehicle Investment



**102** COUNCIL VEHICLES

**128** CITY TAXIS

**>700** REGISTERED VEHICLES



**190,000** CHARGING SESSIONS



**80** CHARGING POINTS

**3** NEW HUBS



**>5.4M** ELECTRIC MILES



**£8M** LOCAL INVESTMENT



LARGEST EV FLEET OF ANY LOCAL AUTHORITY IN THE UK



ONE MISSION



POLICY MEASURES TO INCREASE ELECTRIC VEHICLES INCLUDE PARKING REGULATIONS AND TAXI LICENSING



# Mobility Innovation Living Laboratory (MILL)

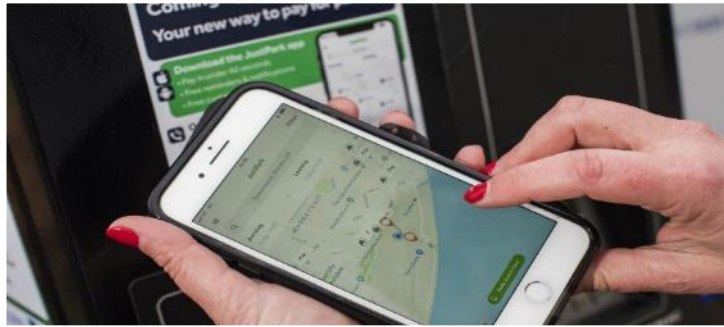


# The MILL

A new innovation partnership to make Dundee an international test bed for smart mobility solutions.



# Projects



## **20MPH Zone**

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# 20mph speed limits in residential areas





## **H2/JIVE Project**

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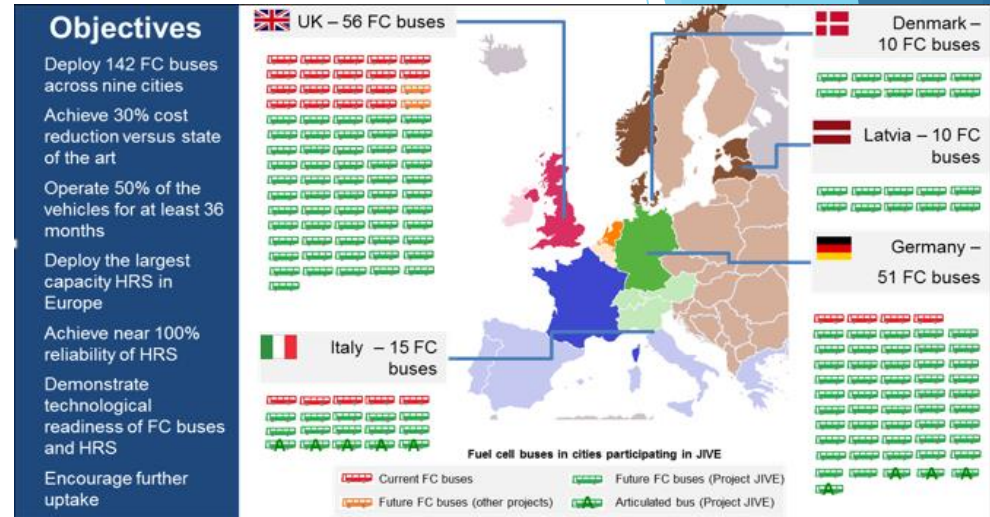


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# JIVE: Joint Initiative for Hydrogen Vehicles across Europe

- Advance commercialisation of hydrogen fuel cell buses through large-scale deployment of vehicles and infrastructure
- 12 new hydrogen buses would be operational in Dundee
- Development of 'state of the art' integrated energy park deploying hydrogen fuel buses, fleet vehicles and hydrogen and alternate fuels (LNG/CNG) refuelling infrastructure with energy being derived from renewable technologies



FUEL CELLS AND HYDROGEN  
JOINT UNDERTAKING

## **Cycling + Walking**

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# Cycling and Walking

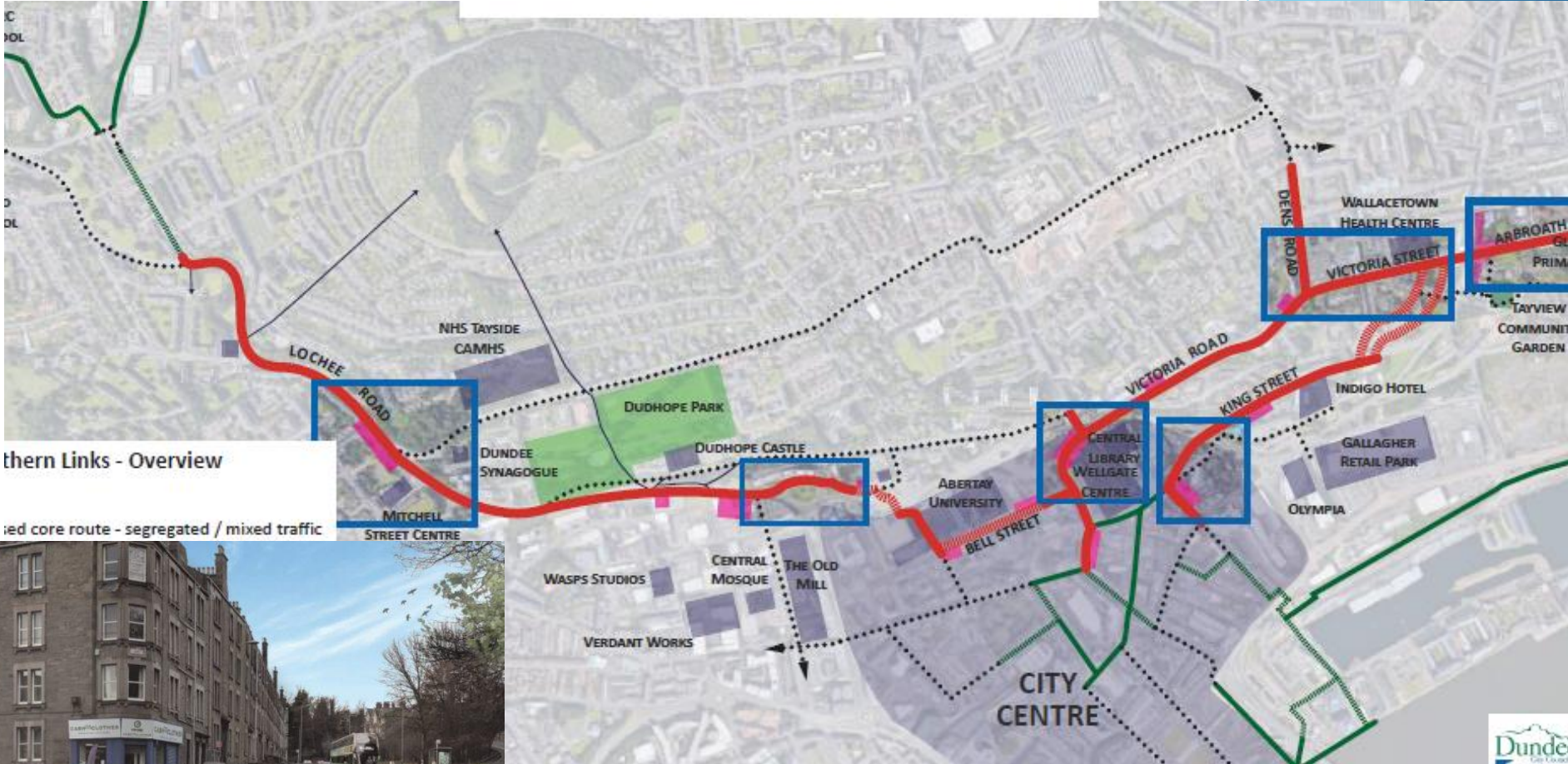


# Projects





# Dundee Northern Links



thern Links - Overview

ied core route - segregated / mixed traffic



# Waterfront Active Travel Hub

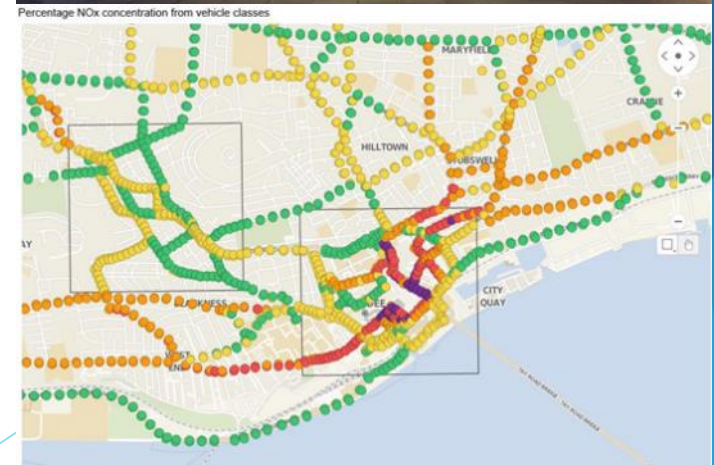


## Low Emission Zone

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# Low Emission Zone

- Objective is to improve air quality, resulting in benefits to public health
- Provisions within Transport (Scotland) Bill to enable local authorities to implement and enforce
- Details on exemptions, penalty rates, emission standards, enforcement, minimum grace periods will be in Regulations currently in development
- Penalties to drivers who enter LEZ in non-compliant vehicles
- Scenario testing, Air Quality City model and Paramics traffic model
- Stakeholder engagement





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