



**The Scottish
Government**
Riaghaltas na h-Alba



Ricardo
Energy & Environment

Air Quality in Scotland

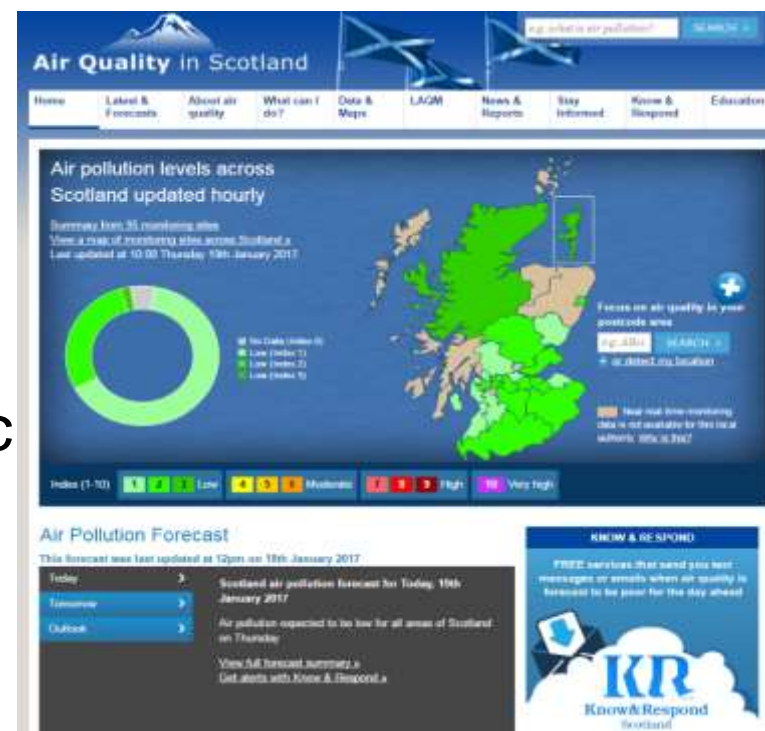
Scottish Air Quality Database and Website Annual Seminar

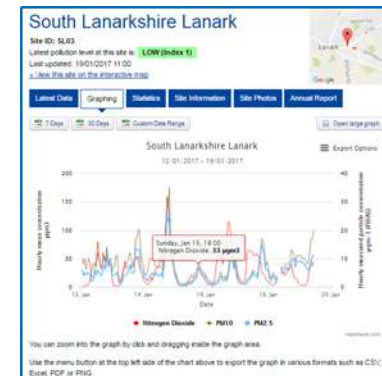
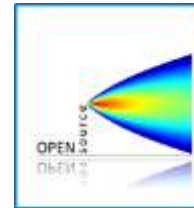
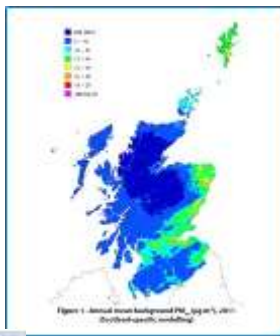
Ricardo Energy and Environment

4th March, 2020

Scottish air Quality Database and Website

- Harmonise and Standardise the data quality to better inform policy and improve air pollution.
- High quality comparable data that is easily accessible to all.
- Project officially launched April 2007 – c.50 monitoring sites in the database.
- March 2020 – 100 automatic sites.
- Supports the Cleaner Air for Scotland Strategy (CAFS), LAQM, research, public awareness etc.
- Helps to inform the Implementation of Scotland's Low Emissions Zones.





Ricardo Energy & Environment awarded new contract in November 2019.

We look forward to continuing our support to the Scottish Government and all project stakeholders.

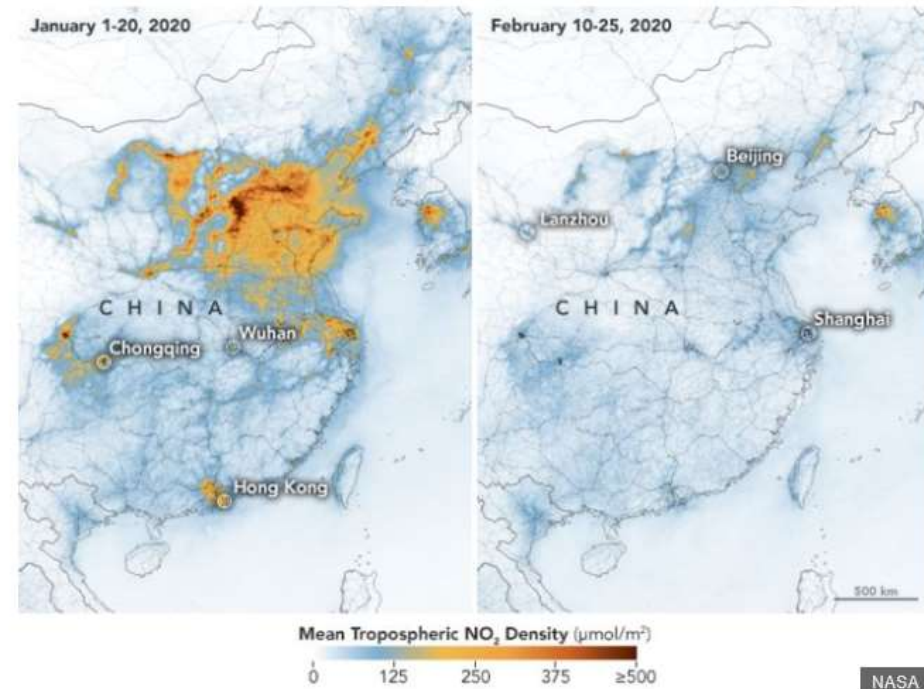


Coronavirus: Nasa images show China pollution clear amid slowdown

🕒 29 February 2020

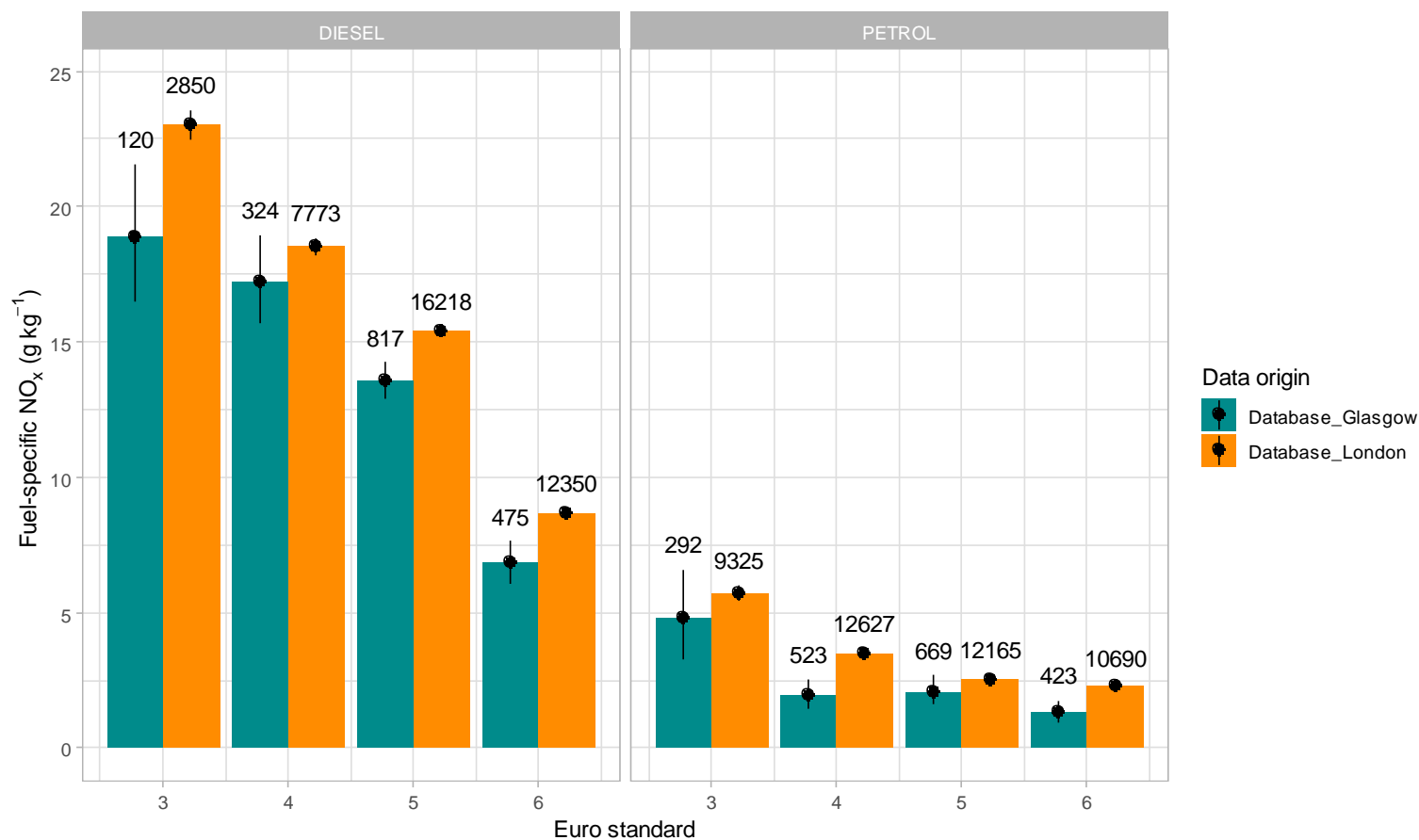
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Coronavirus outbreak

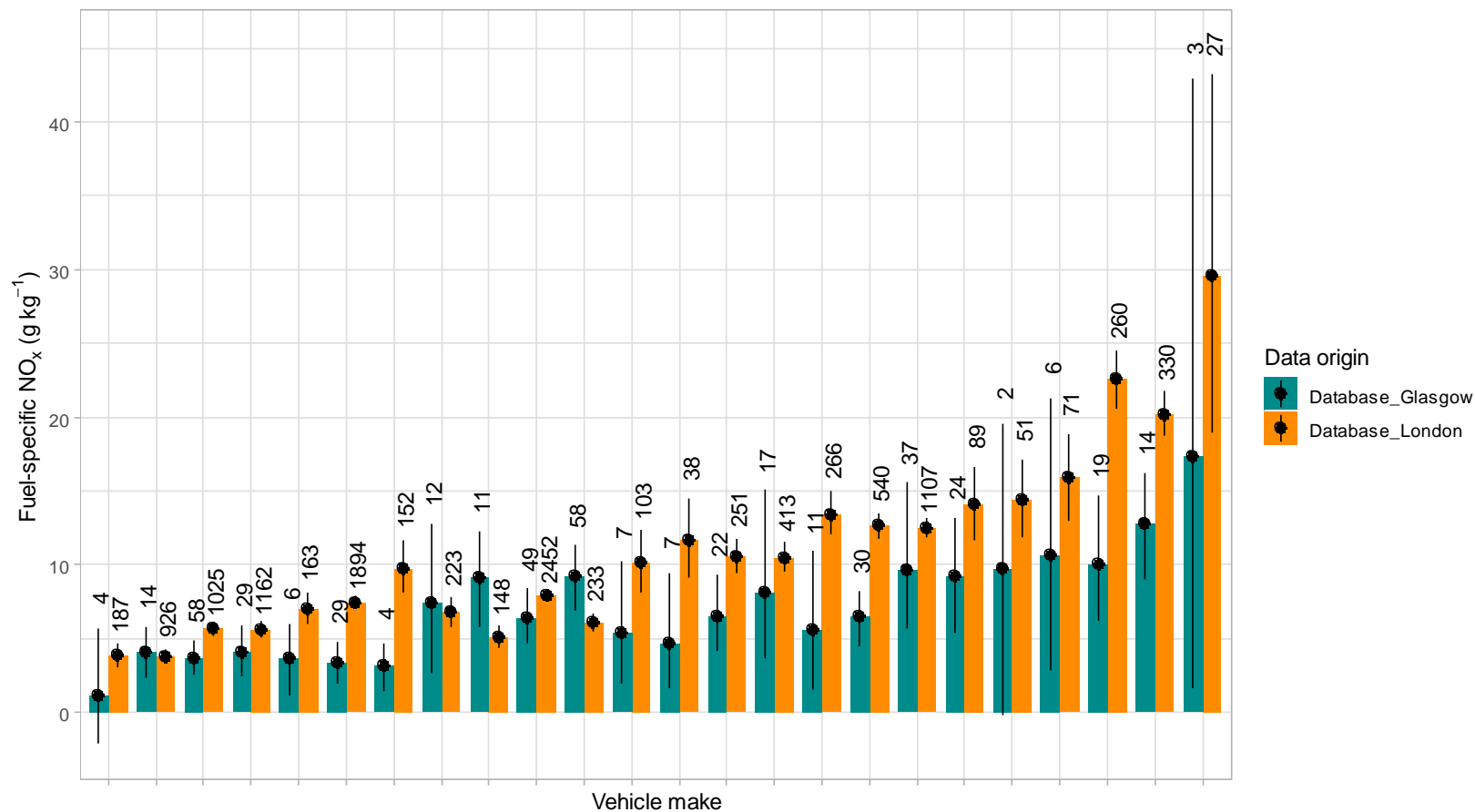


Satellite images have shown a dramatic decline in pollution levels over China, which is "at least partly" due to an economic slowdown prompted by the coronavirus, US space agency Nasa says.

NO_x emissions from passenger cars split by Euro standard and fuel type



NO_x emissions from Euro 6 diesel passenger cars split by manufacturer



Today's Seminar Agenda



10:00	Welcome/Introduction and CAFS update	Andrew Taylor (Scottish Government)
10:10	Brief overview of project and the aims of the day	Stuart Sneddon (Ricardo Energy & Environment)
10:15	SAQD Project Update	David Hector (Ricardo Energy & Environment)
10:35	Air quality at the interface: Between the ambient and indoor environment	Gavin Philips (University of Chester)
10:55	Low Emission Zone Update	Derek McCreadie (Transport Scotland)
11:15	Tea/Coffee Break	
11:35	Urban pollution “hot spots” measured from Real World driving Emissions tests	Mark Peckham (Cambustion Ltd)
11:55	Sensor Technology: Breathe London Network	Prof Rod Jones (University of Cambridge)
12:15	Air Quality Management and Traffic Management	Nicolina Cooper (Traffic Environment Systems Ltd)
12:35	Particulate Matter Inter-comparison Study Scotland	Stephen Stratton (Ricardo Energy & Environment)
12:50	Lunch	
13:30	The evidence base for the health impact of air pollution in Scotland	Prof Duncan Lee (University of Glasgow)
13:50	The European CleanAir@Schools Project	Colin Gillespie (SEPA)
14:10	The environmental impact from domestic solid fuel burning – seeking clarity	Bruce Allen (HETAS)
14:30	Ozone in the UK	Prof David Fowler (CEH)
14:50	Tea/Coffee Break	
15:10	Ammonia: emissions, effects and mitigation	Jeremy Wiltshire (Ricardo Energy & Environment)
15:30	Clean Air Day: Inspiring behaviour change	John Bynorth – (Environmental Protection Scotland)
15:50	Questions / Answer Session	
16:05	Close	