

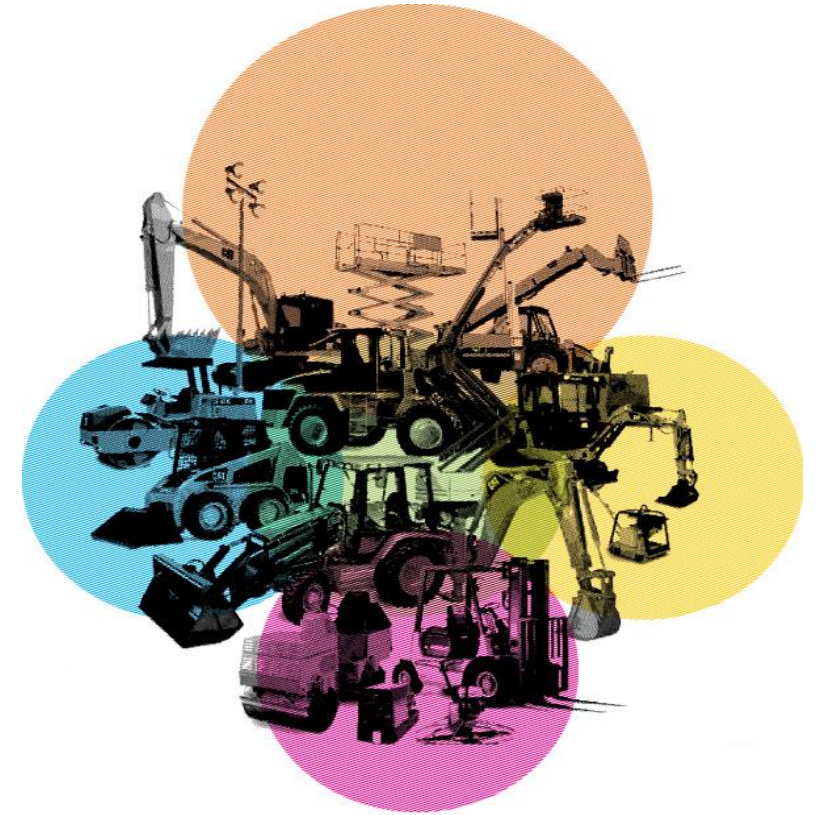


EUROPEAN
RENTAL
ASSOCIATION

No Cable? No Problem.

Mobile charging is turning infrastructure gaps into business opportunities for the rental sector.

Mats Bredborg
Volvo Construction Equipment



Join the conversation on LinkedIn: **#ERAConvention2025**

ERA Convention 2025

“Navigating Transitions In Rental”, Dublin, June 4-5

WHY

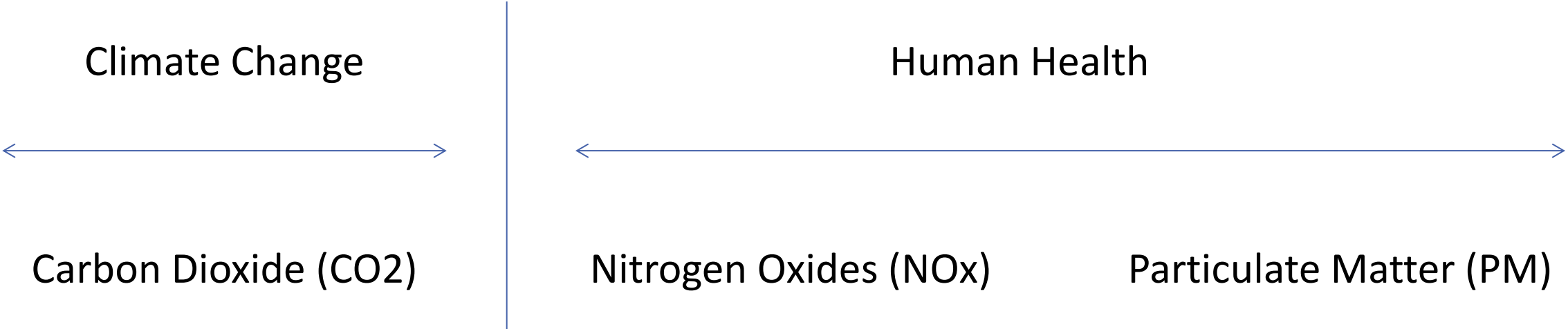


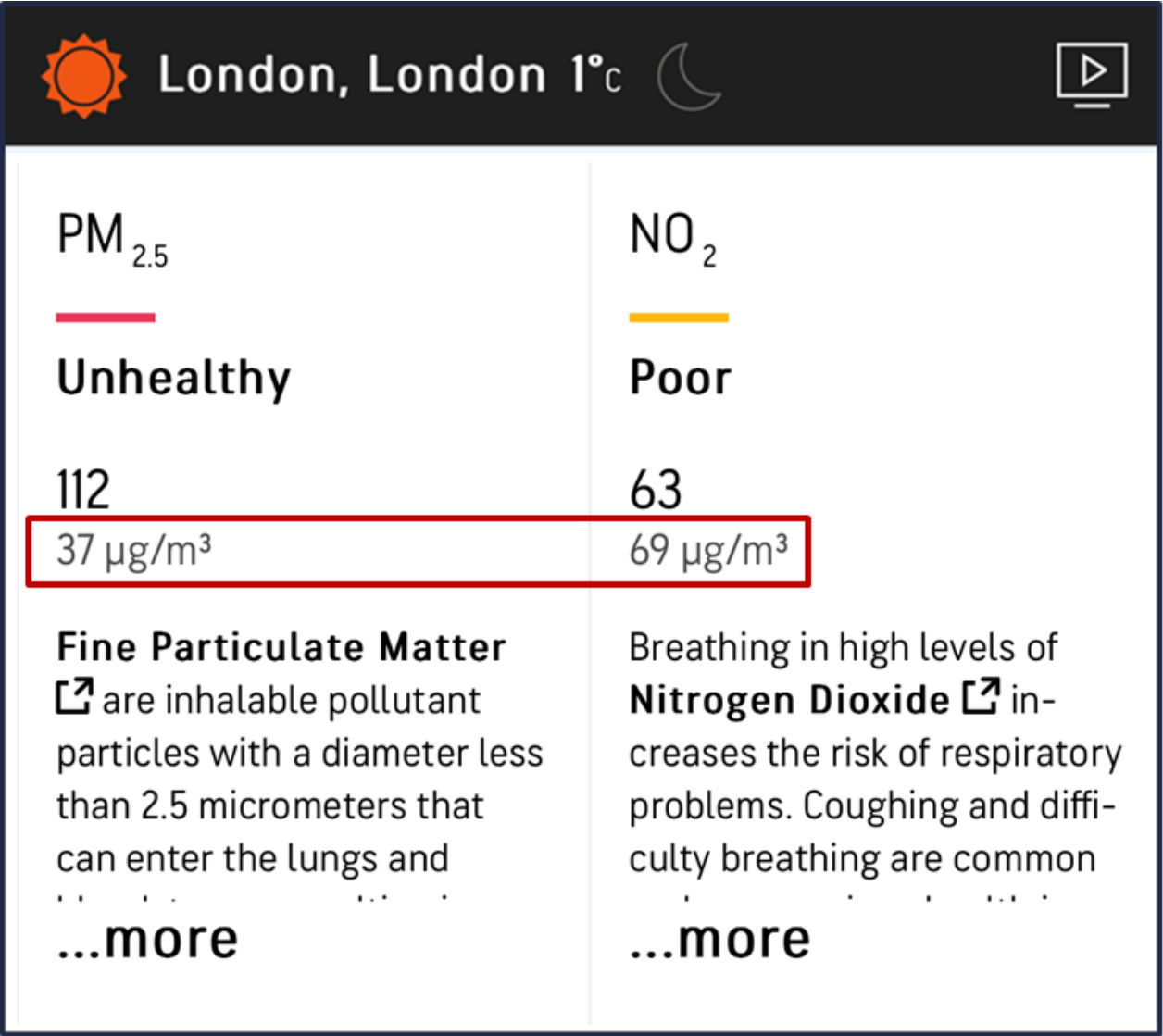
WHAT



HOW







10th of January, source: www.air.plumelabs.com

BBC

NEWS

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Ella Adoo-Kissi-Debrah: Air pollution a factor in girl's death, inquest finds



| Ella Adoo-Kissi-Debrah lived 25 metres from the South Circular Road in south-east London

A nine-year-old girl who died following an asthma attack has become the first person in the UK to have air pollution listed as a cause of death.

STAGE IV EMISSION REGULATIONS

Nitrogen oxides (NOx) + Hydrocarbon (HC) – g/kWh

	Stage I - 1999		Stage II - 2002		Stage III A - 2006		Stage III B - 2012		Stage IV - 2014		Stage V - 2019
 150 kW engine	10.5	→	7.0	→	4.0	→	2.0	→	0.59	→	0.59
 15 kW engine	Not included	→	Not included	→	Not included	→	Not included	→	Not included	→	7.50



75-ton excavator



42-liter diesel per hour



72.7 g of NOx



1.8-ton mini digger

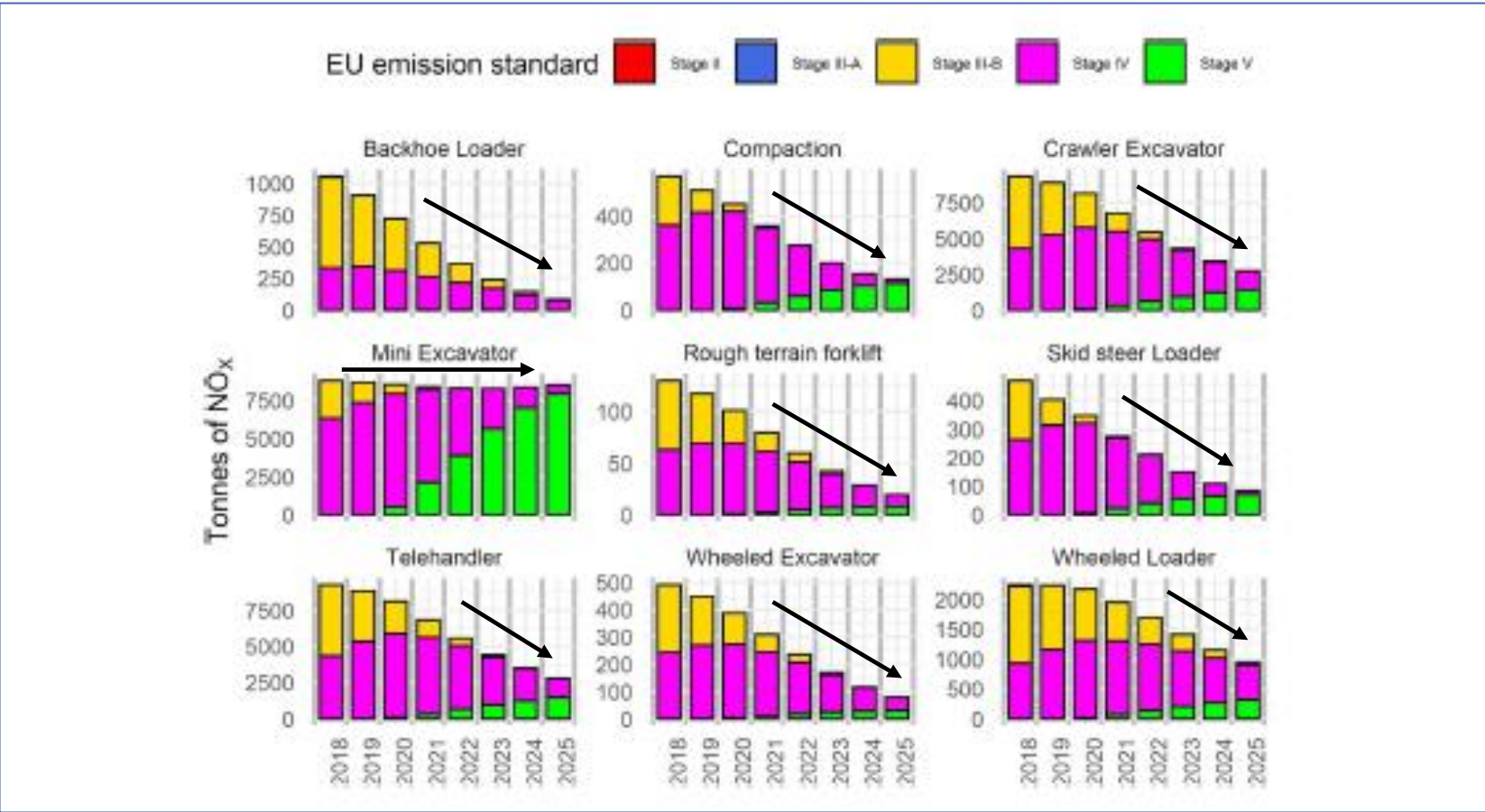


2.2-liter diesel per hour



75.0 g of NOx

Research from Imperial Collage of London



5,000 compact excavators (below 19 kW) produce emissions equivalent to those of well over 100,000 passenger cars.



Petrol passenger car



7,400 miles per year



0.7 kg of NOx



1.8-ton mini digger



300 hours per year



22.5 kg of NOx

London Use Case





INVOICE

Volvo Construction Equipment Ltd UK
Newhouse Industrial Estate
Motherwell
ML1 5RY

Invoice Date
25 Apr 2025

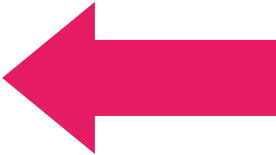
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INV-0226

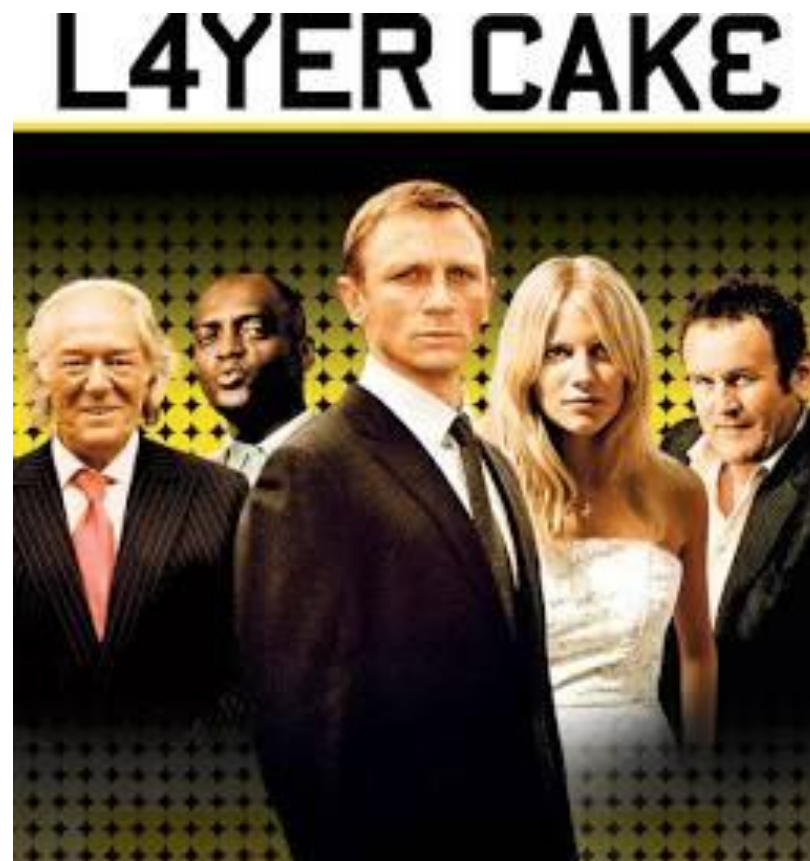
VAT Number
338461978

Charge Fairy Limited
27 Old Gloucester Street
London
WC1N 3AX
UNITED KINGDOM



Description	Quantity	Unit Price	VAT	Amount GBP
Energy for Redcliffe Gardens usecase	404.00	1.90	20%	767.60
Subtotal				767.60
TOTAL VAT 20%				153.52
TOTAL GBP				921.12





“The art of good business, is being a good middleman.”