



Zero Emission off-peak Urban deliveries

Jonas Haustreaete (DATS 24 – Colruyt Group Belgium)

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PROBLEM



Negative impact of daytime freight deliveries, including noise, emissions and congestions, affecting urban stakeholders (cities, retailers, citizens, shop owners).



SOLUTION

We help urban stakeholder to solve the emissions, congestion and noise problems by introducing silent, low-emission and off peak city deliveries integrated solutions





EMISSION & NOISE

Emission free deliveries ensure a more livable city and a cleaner environment.



CONGESTION

Contributing to reducing congestion in cities.



OFF PEAK

Shift from daytime to nighttime. It will be more efficient and environmentally friendly to shift high volume retail deliveries in cities from peak hours to off-peak.



DELIVERIES

Demonstrate and evaluate scalable use cases of off-peak deliveries with a focus on

- Electric trucks
- Silent maneuvering and loading/unloading

CONSORTIUM



TRATON
GROUP

COLRUYT
GROUP

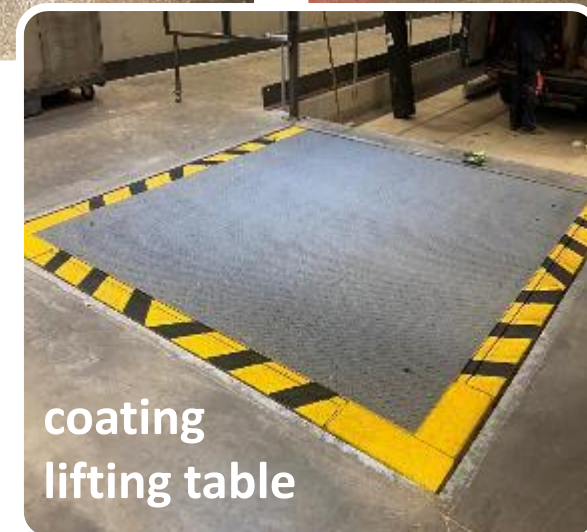
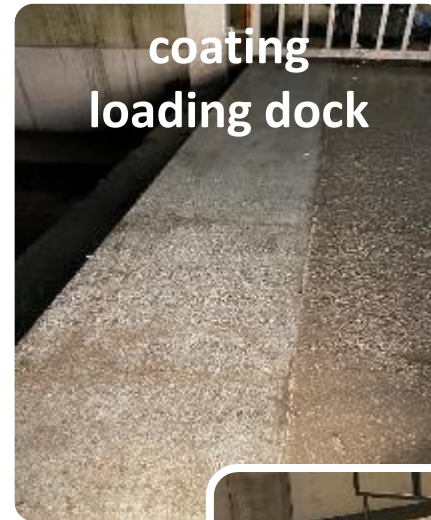


FIELD TESTS

- Driving and manoeuvring in the city
 - Stockholm and Munich.
 - Sound measurement on vehicle and on terminal
 - GPS data
 - City related data
- Silent loading & unloading activities
 - Brussels
 - Sound measurement
 - New materials used
 - for the silent operations



FIELD TESTS



FIELD TESTS



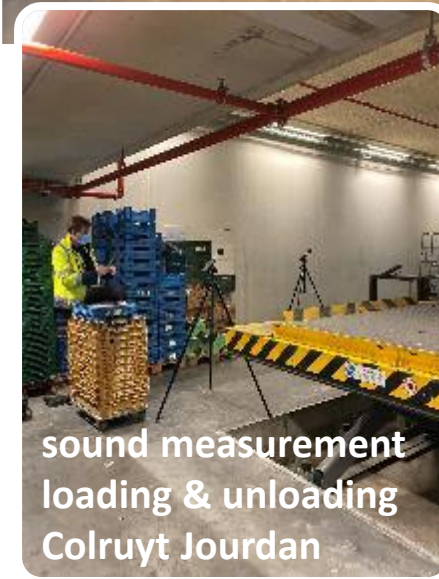
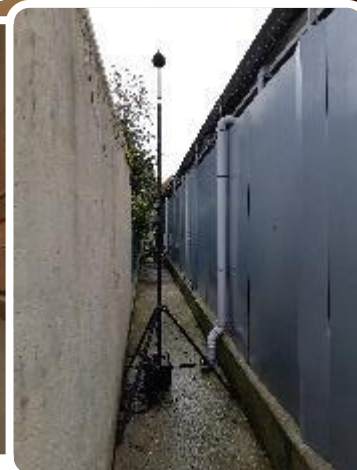
sound measurement
(un)coupling logistic carrier
Colruyt Jette




sound measurement
loading & unloading
Colruyt Jette



silent delivery testing



sound measurement
loading & unloading
Colruyt Jourdan



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WEBINAR

Guidelines for zero emission off-peak urban deliveries

DECEMBER 8-'20


REGISTER HERE

Starts at
10:00 am (CET)



EIT Urban Mobility

This activity received funding from the European Institute of innovation and technology, a body of the European Union, under the horizon of 2020, the EU framework programme for research and innovation



<https://zoom.us/meeting/register/tJlod-qsrjsrHNCmvQ-z4-9CYvlqGNs-rxS2>

