

CRYOTECH

CLEAN, SUSTAINABLE & COST EFFECTIVE

TEMPERATURE CONTROL

FOR RETAIL & DISTRIBUTION

DISTRIBUTION TRENDS



CONSUMER:

FRESHEST & top quality products

at the **LOWEST** cost

CLOSER to home

Shops MORE FREQUENTLY





RETAILERS:

MORE shops **CLOSER** to the consumer

HIGHER logistics complexity

HIGHER Cold chain complexity

HIGHER importance of Cold Chain



MUNICIPALITIES:

Creating LOW & ULTRA LOW EMISSION ZONES:

- Low **NOx, PM** EMISSIONS
- Access **RESTRICTION** to **DIESEL POWERED** vehicles





TRANSPORTERS:

STRONGER transport requirements

Access **RESTRICTION** to inner cities

FLEET owners are expected to **RENEW** their fleets



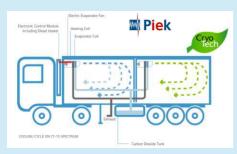




CRYOTECH SOLUTION



TEMP. CONTROL UNITS



Cryogenic indirect and open loop using R744



For trucks and trailers

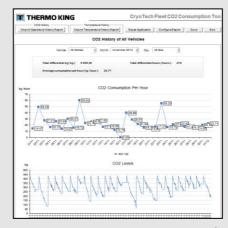






- Multiple applications
- · Ambient, fresh and frozen loads
- Up to 3 temperature zones

OPTIMIZATION SERVICES



Unit R744 consumption monitoring and reporting



Unit inspection, optimization and driver training

R744 DISPENSERS



Private locations

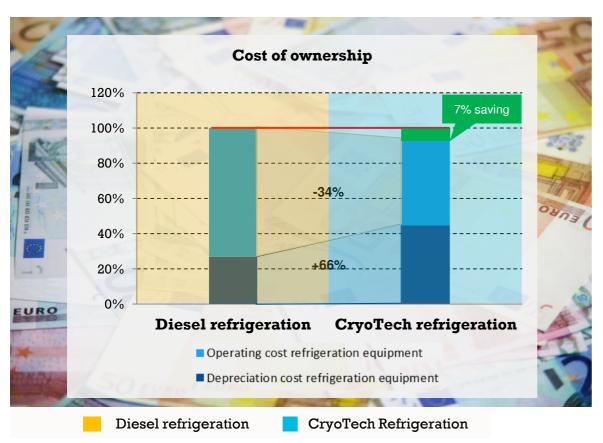


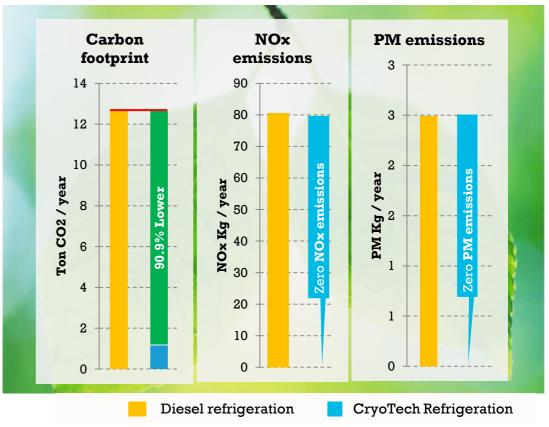
Public locations



UNIT COST & EMISSIONS







Based on current customers operating optimized fleets in Northern Europe.



LOW EMISSION ZONES



Major EU cities are considering Bans, High tax rates, and/or inner city access restrictions

Paris:

- A fast move towards a better Health:
 - Mid-2015: Ban of Commercial vehicles < 2001
 - Mid-2016: Ban of ALL vehicles < 2001
 - 2019 = Ban of all vehicles < EURO 5 or 6
 - To be continued...
- Subventions for green vehicles (NG, PEV, ...)
- Low & Ultra Low Emissions Zones (LEZ / ULEZ)

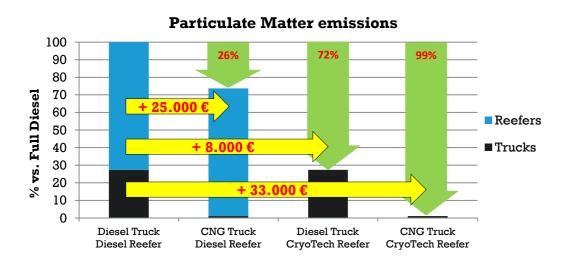


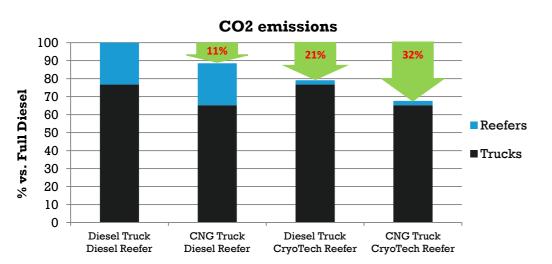


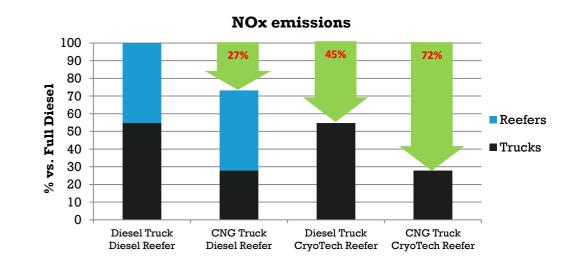
LOW EMISSION ZONES



EMISSIONS OF A COMPLETE REFRIGERATED TRUCK (PARIS FLEET)









LOW EMISSION ZONES



CONCLUSION

Natural Gas + Diesel reefer







Environmentaly / Economicaly Non-Sense

• Euro 6 Diesel + CryoTech





Cost-Effective Lower Emissions & Lower Noise level for a better place to live

Natural Gas + CryoTech











Accelerating trend to move to the best alternative

And much more.....



CONCLUSION



- Keeps the integrity of the cold chain in all conditions
- Allows night distribution in every corner of the city



- Cleanest and most sustainable
- Meets all future EU and cities increasingly strict legislative requirements:
 - Noise
 - HFCs
 - Engine emissions
 - Traffic congestion





MORE INFO...



Watch our Technomercial 17/03 @ 12:30

And

Come and see us at our stand...



