

REFRIGERATED ROAD TRANSPORTATION



19 & 20 April, 2016 – Barcelona

MARKET TRENDS & CRYOTECH ALTERNATIVE

MARKET TRENDS

Longer heavier vehicles (LHVs)
>25.25m



Trailer Aerodynamics



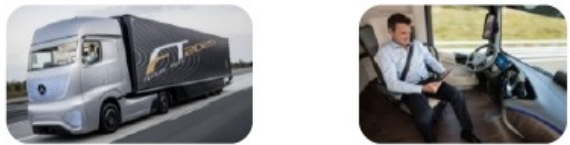
Legislation: **Noise**
(urban deliveries)



Legislation: **Emissions**
CO₂, particulates



Driverless Vehicles




EU Intermodal Shift (Marco Polo)



Pharma Industry **Good distribution practice**



Engine Technology



Critical in Urban Distribution:

- Higher pollution = Low Emission Zones
- Traffic Jams = Night Deliveries encouraged

CRYOTECH SOLUTION



Cryogenic System



TIME TO CHANGE



TECHNOLOGY

R744 (Recycled CO2)
used in Open Loop
=
Constant High Cooling Capacity

No Engine dependancy
=
Zero emissions in operation
(PM, Nox, new CO2)

VALUES

No spoilage / No rejection
&
Longer shelf life
(= Increased revenues)

Most Sustainable Solution
&
Silent Operation at full load
(Night Deliveries = Zero Traffic)

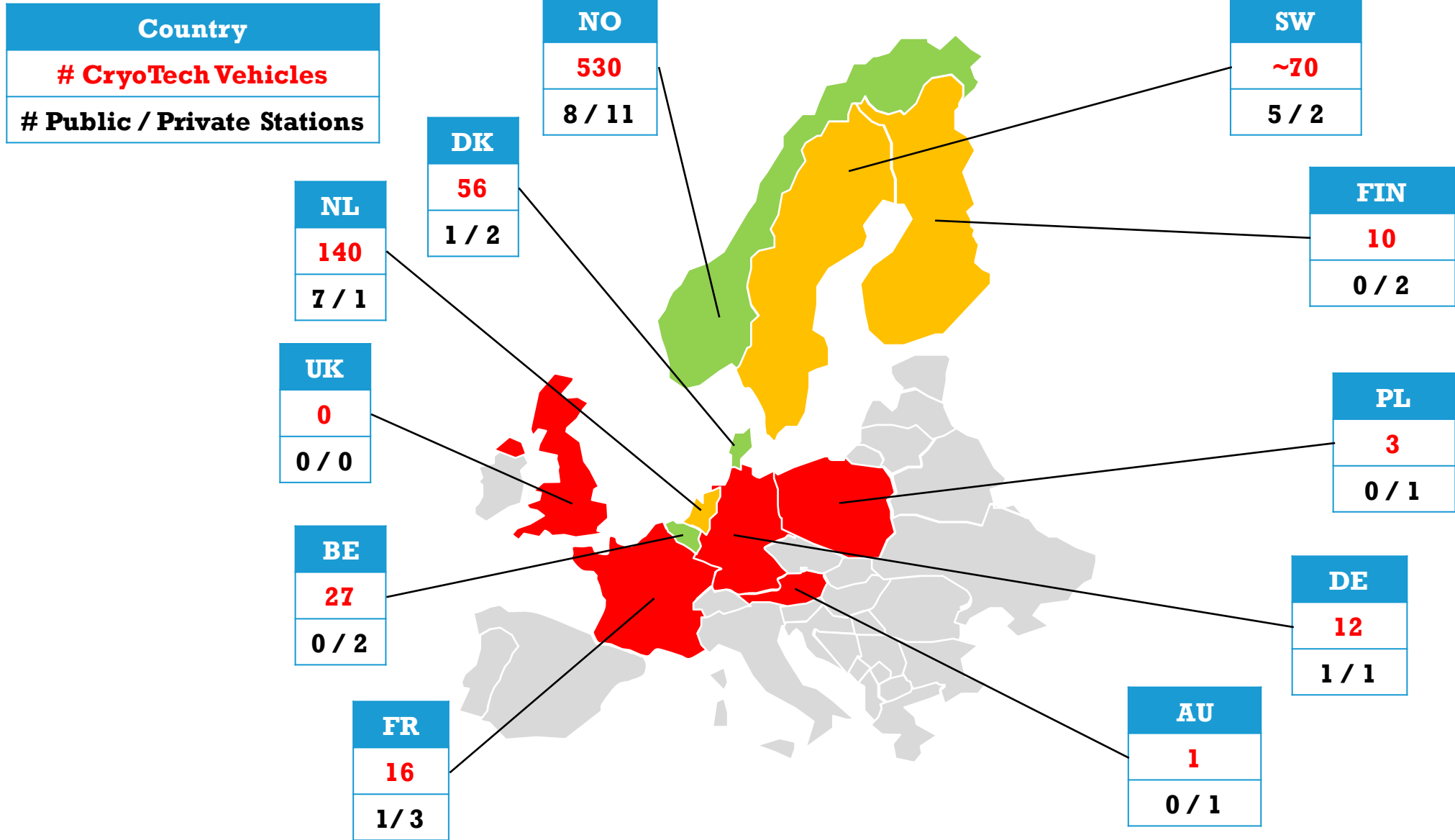
Perfect combination with Natural Gas and Full Electric Trucks & Trailers

CRYOTECH STATUS



TIME TO CHANGE

Country
CryoTech Vehicles
Public / Private Stations



FUTURE DEVELOPMENT



TIME TO CHANGE

1) Work on CO2 Filling Infrastructure development

- New Public stations in High Potential areas (i.e. Paris Rungis)
- Expand partnerships with Natural Gas stations operators
- Decrease CO2 prices to customers

2) Increased push from EU & Administrations

- Regulations for lower emissions at EU, National and Cities level (i.e. multiplication of the Low or Ultra Low Emissions Zones (LEZ / ULEZ))
- Subsidies development for Green solutions
- End of the « Red » de-taxed Diesel in all remaining countries?

3) Potential launch in North-America (under investigations)

- California (CARB), New-York & Florida showing some interest



THERMO KING

HIGH-TECH. LOW-STRESS.

More info...?

Come and see us at our stand...