ELECTRIC TRUCKS
INDUSTRY VIEW

FAST FORWARDING ROAD LOGISTICS

A SUREFIRE INVESTMENT

IN 1908

THE GAME CHANGER

FORD MODEL T LAUNCHES

Source: Model T Sales https://www.mtfca.com/encyclo/fdsales.htm

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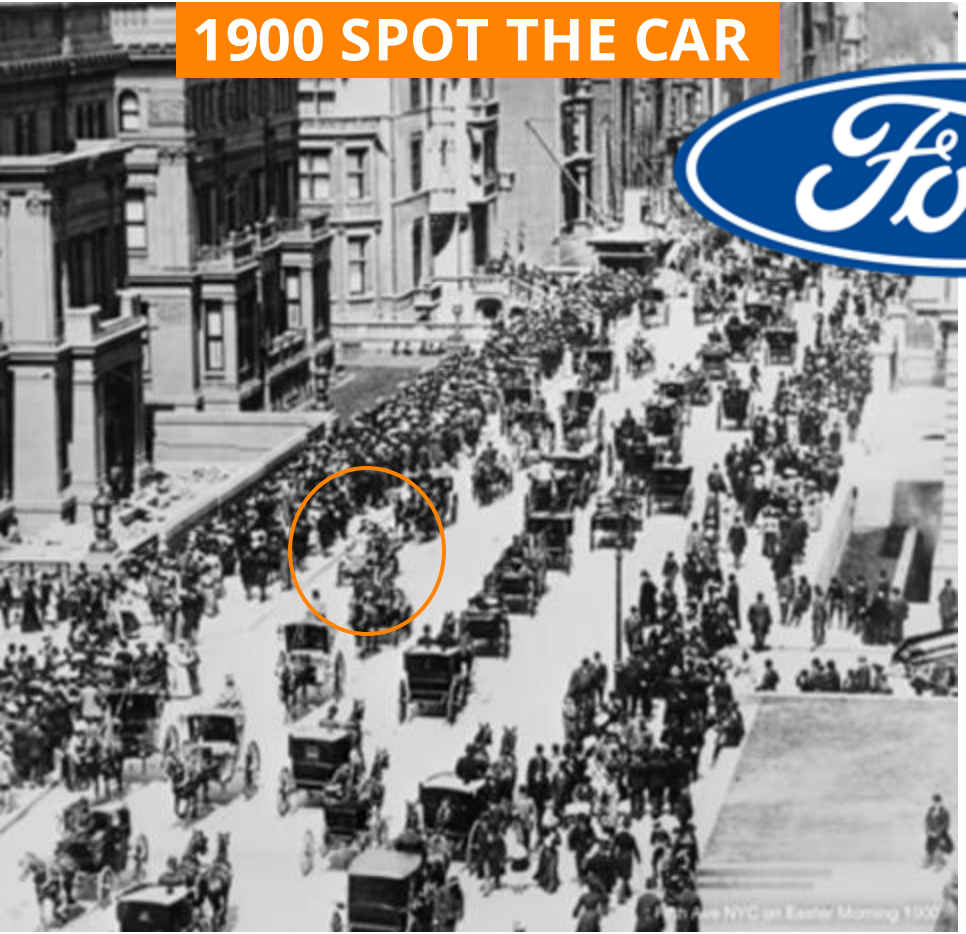
1900 SPOT THE CAR



1913 SPOT THE HORSE

Trucks

FOUR FUNDAMENTAL CHANGES

ELECTRIC TRUCKING

RANGE

BATTERIES

POWER SOURCE

FREIGHT ECONOMICS

CHANGE 1

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5 YEARS TECHNOLOGY IMPROVEMENT

4X RANGE VS. 2021

160 km

2021

175 km

220 km

2022

300 km

2023

370 km

2024

500 km

500 km

2025

600 km

600 km

2026

CHANGE 2

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ELECTRIC TRUCK BATTERY EFFICIENCY

BATTERY IMPROVEMENTS DRIVE ECONOMICS THRU 2030

Year	Usable Battery Percentage Best in Class (%)
2023	80%
2024	83%
2025	97%
2026	97%
2027	97%
2028	98%
2029	98%
2030	98%

10x Improvement Unused Efficiency

50% Reduction

62% Reduction

70% Reduction

ELECTRONS CAN BE ECONOMICALLY **PRODUCED, PROCURED AND STORED BY LOGISTICS COMPANIES**

FOSSIL FUELS CANNOT

CHANGE 3

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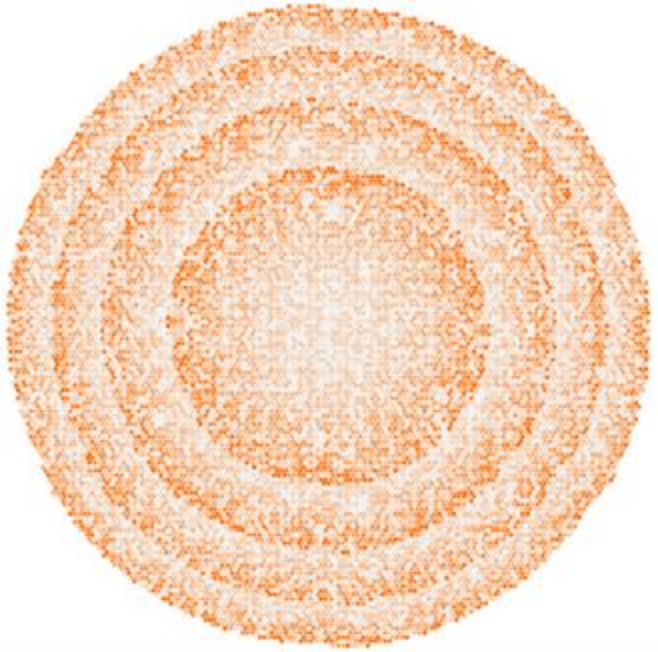
EV Truck Economics

WE SIMULATED ALL THE MAIN COST FACTORS

1.3 MILLION SIMULATIONS SHOW EV VS. DIESEL



COST FACTOR INPUTS FOR EV AND DIESEL

- Road Tolls
- Diesel Price (2023-2024, by country)
- Electricity Price (0.05 - 0.50)
- Carbon Price (0 - 200 EUR per tonne)
- Driver Cost
- Kilometers driven daily (200 - 600km)
- Electric Truck Costs 2025 - 2030
- 7 Countries

CHANGE 4

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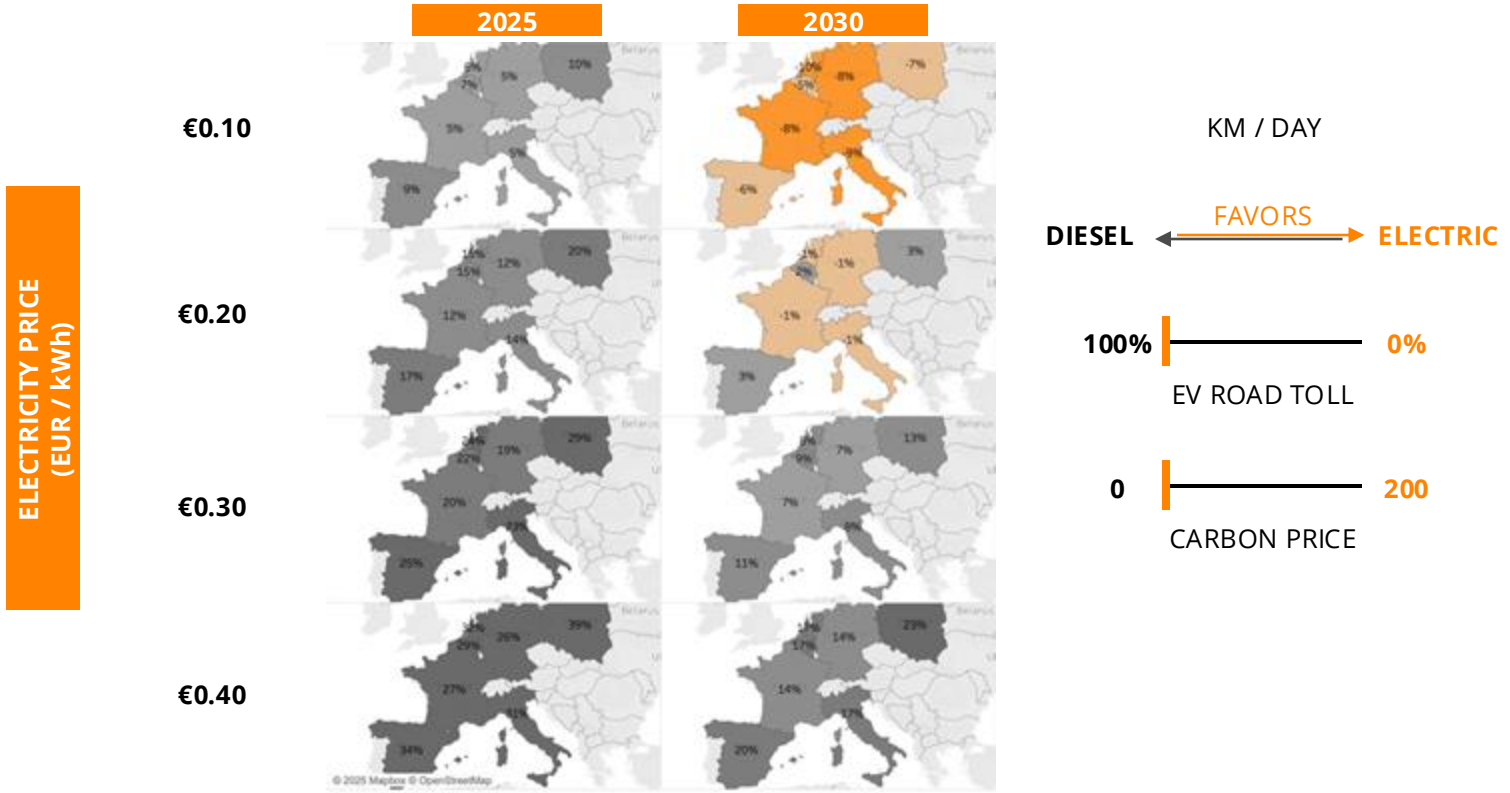
MOST CONSERVATIVE SCENARIO: NO SUBSIDIES

SHOWS EVS WILL OUTPERFORM DIESEL IN 2030



CHANGE 4

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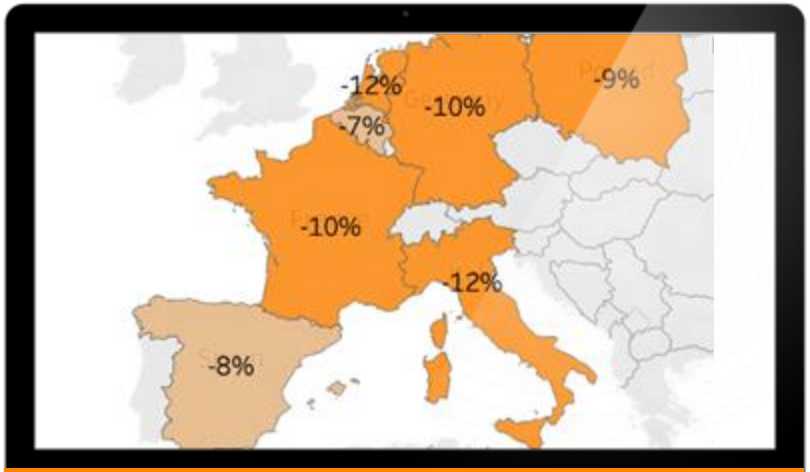
RUBBER MEETS THE ROAD: MOST LIKELY SCENARIO

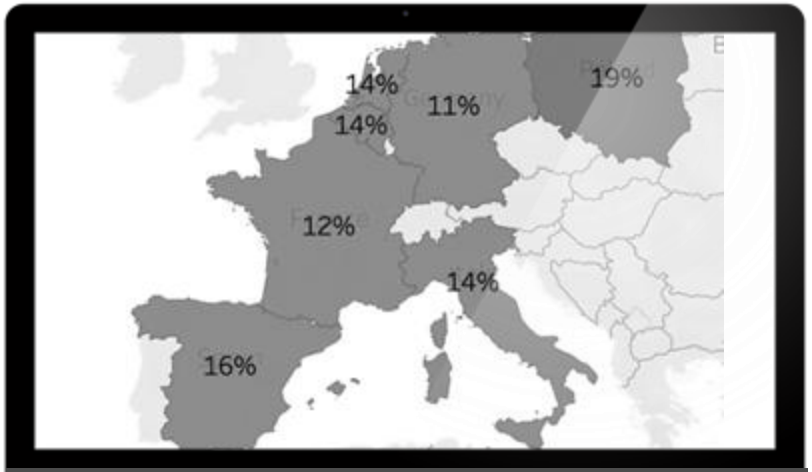
A TALE OF TWO TRUCKS IN 2030

EV EXPERTS BUSINESS MODEL IN 2030

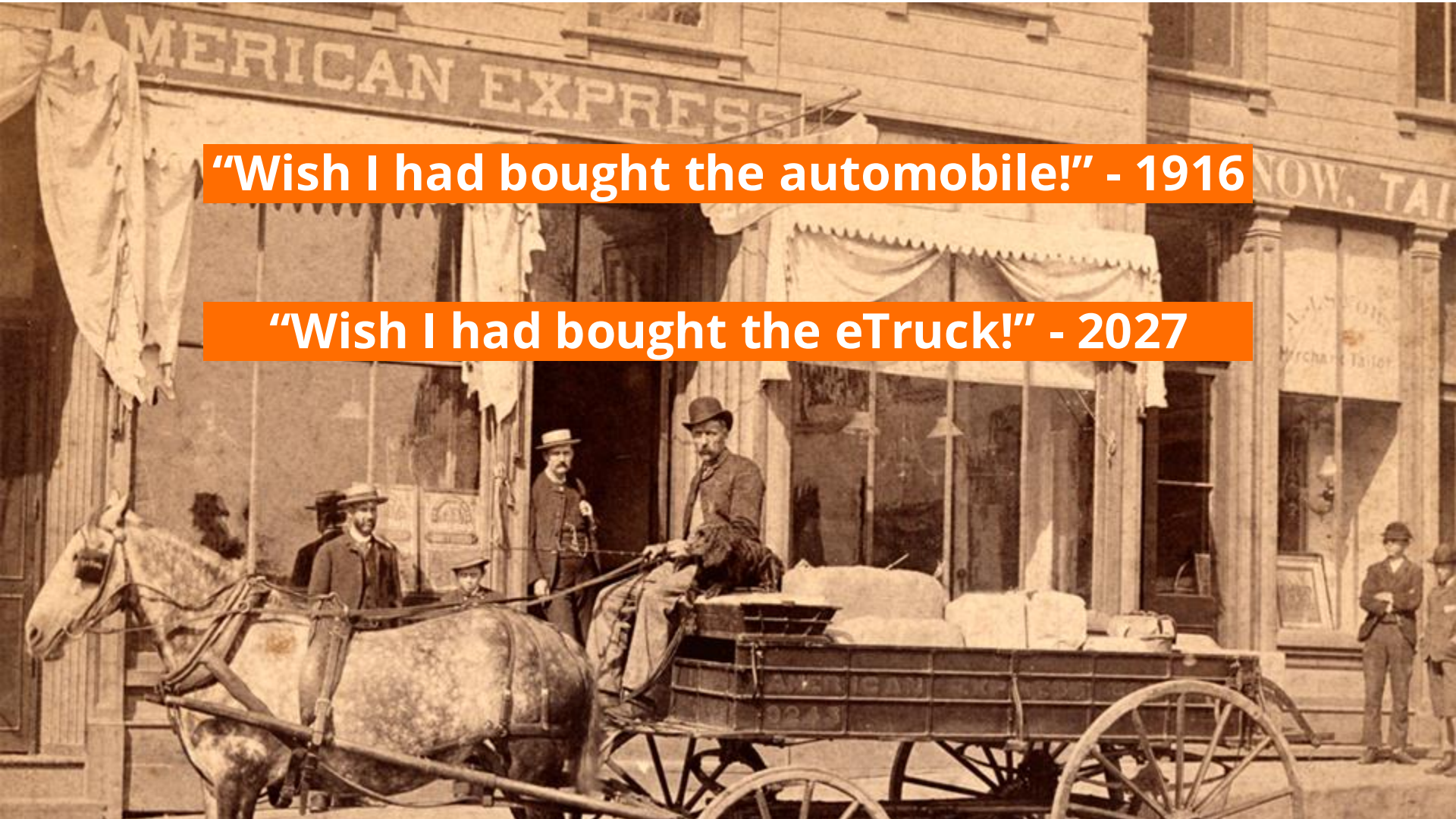


Electric trucks operating 10% better than diesel price, even when paying full road tolls, by 2030.

WAIT-AND-SEE WHEELERS



EVs to cost 10-15% more than diesel price, meaning best-price commercial terms are diesel-only.


AMERICAN EXPRESS
“Wish I had bought the automobile!” - 1916
“Wish I had bought the eTruck!” - 2027

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Thank you

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