



ECUBED™

Business PRESENTATION

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Infrastructure



✓ When I say “Infrastructure” what do you think of?

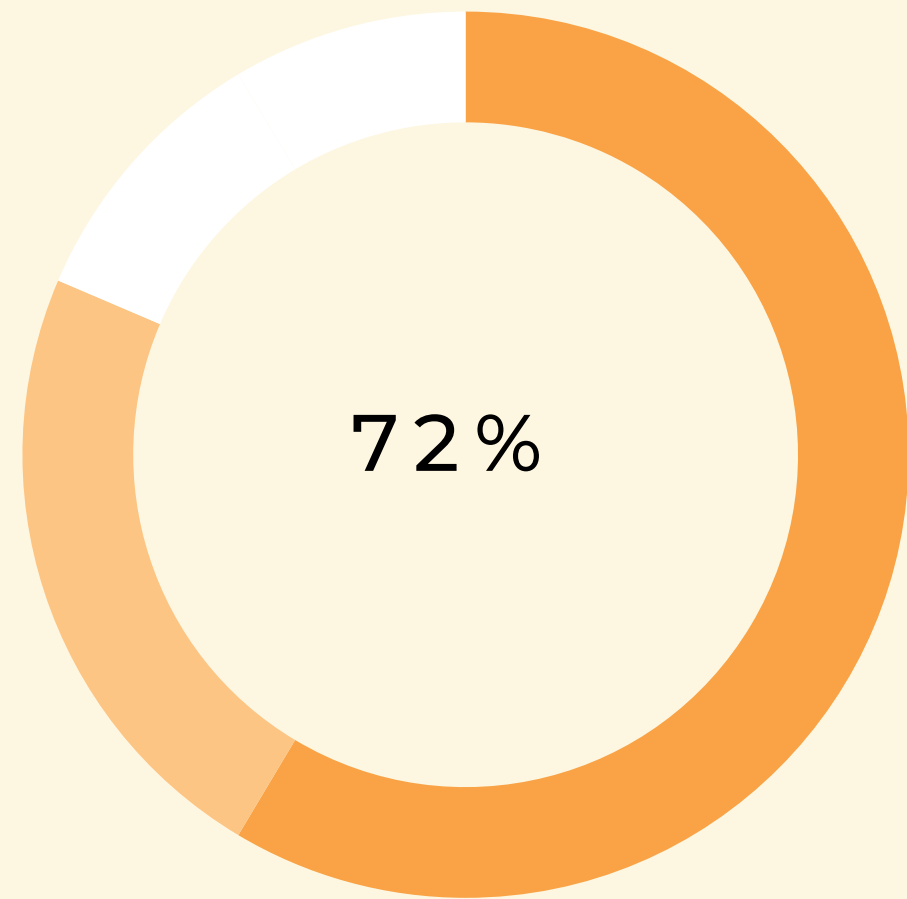
Infrastructure

We are disrupting the way Five-Billion pallets move through the global supply chain, utilizing our novel design of a cube.



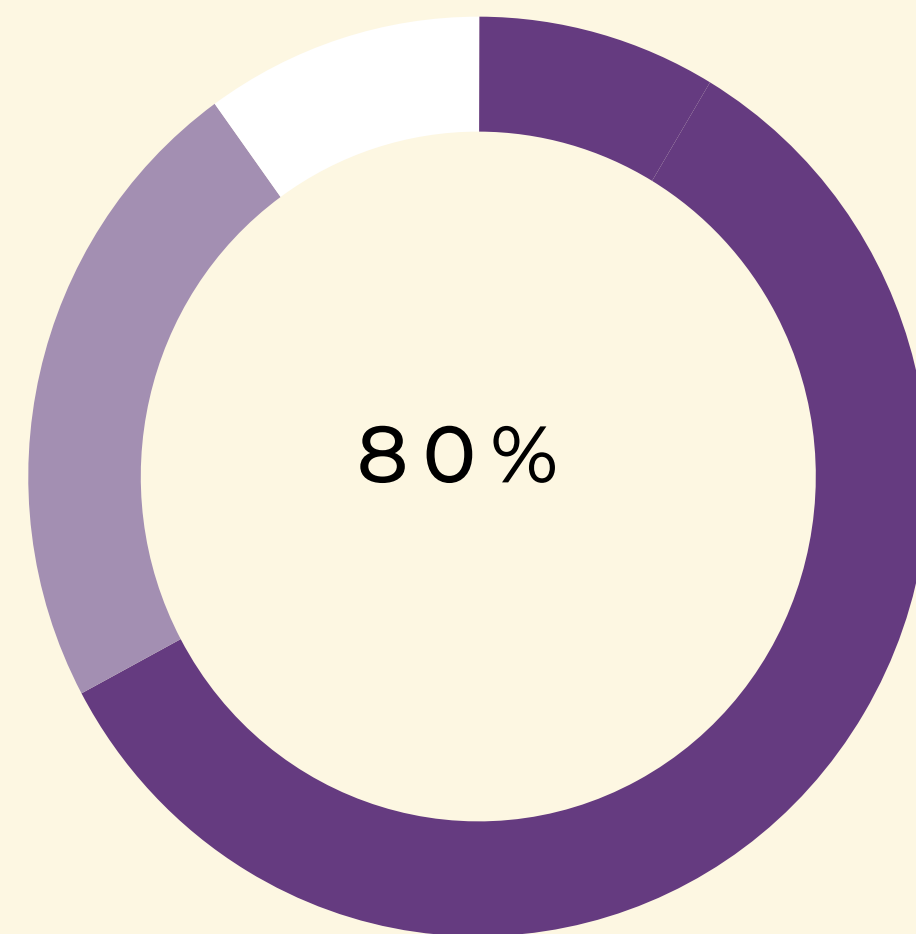
✓ Did anyone think of pallets when I said “Infrastrucure”?

TOTAL ADDRESSABLE MARKET IN USA



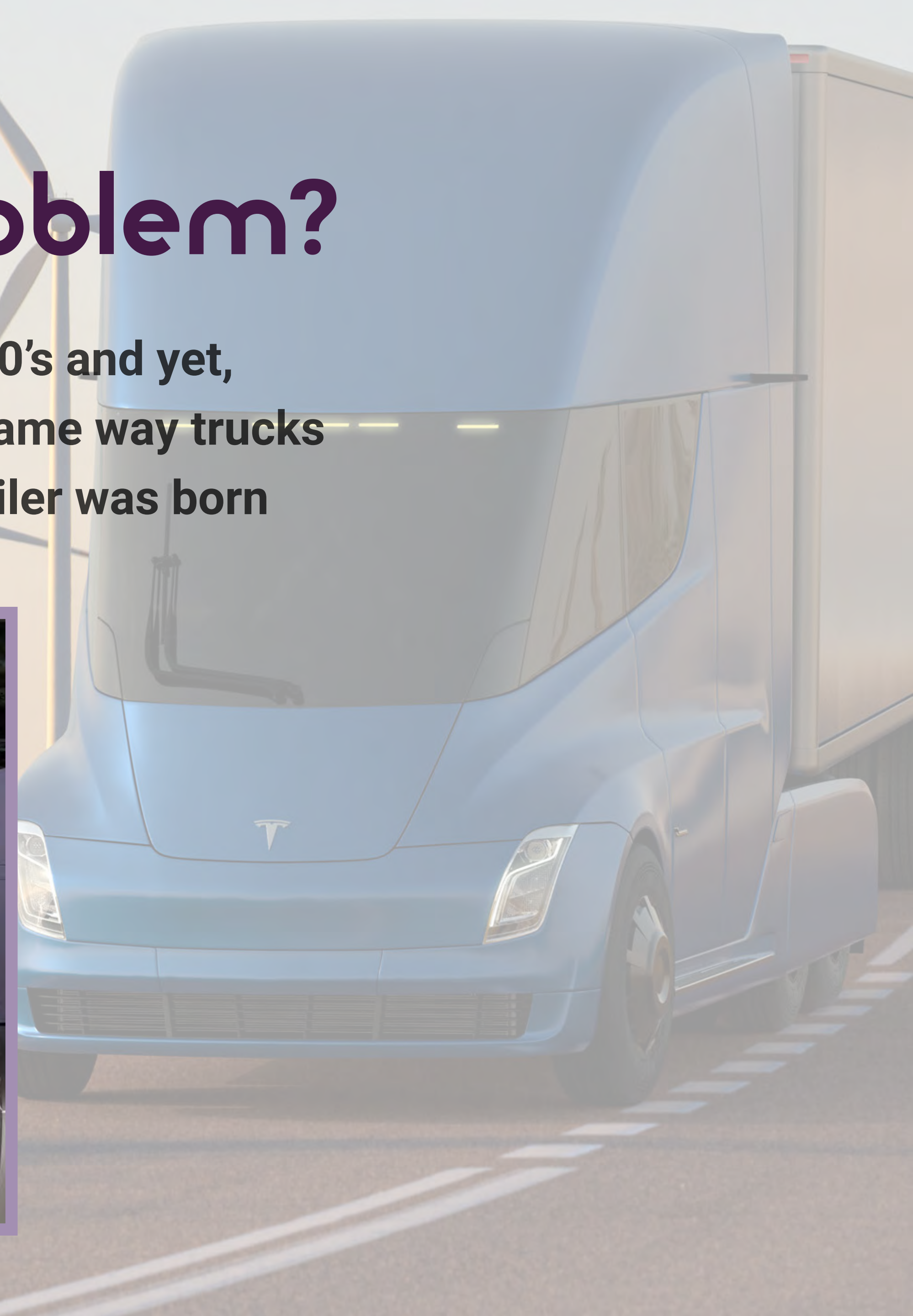
72% of goods by ton moved in the US are moved by truck

80% of goods by revenue moved in the US are moved by truck



So What's the Problem?

The Pallet was developed in the 1940's and yet,
Trucks are still loaded/unloaded in the same way trucks
did in the 1920's when the dry van trailer was born



So What's the Problem?



Dwell Time
& Detention Time



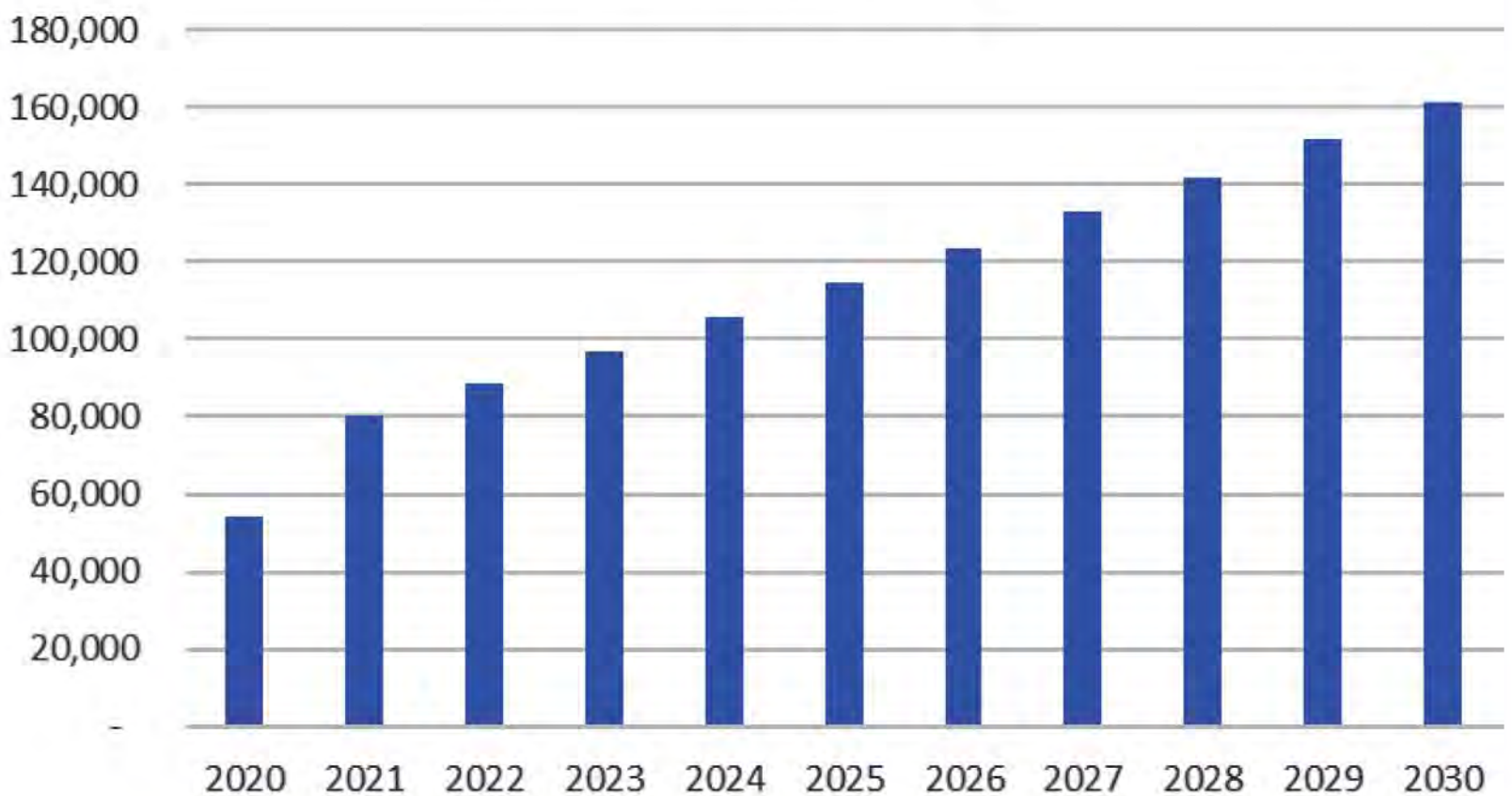
Delays Loading
& Unloading



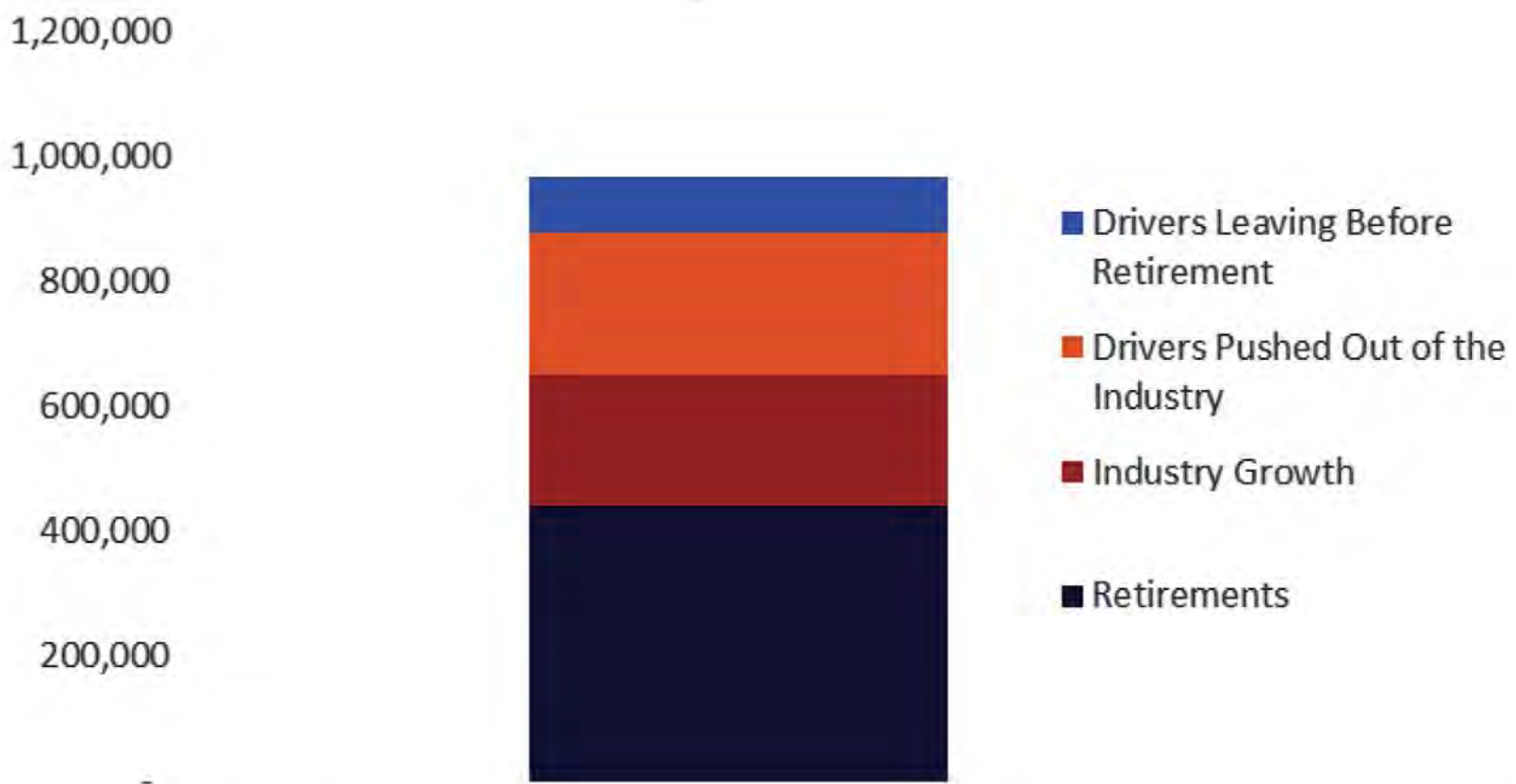
CA Rule 2305
"Refrigerated Trailer Unit
Shore Power"

Driver Shortage Update 2021

Truck Driver Shortage



Total New Drivers Needed from 2021 through 2030
by Reason



Driver Shortages;
IN 2030 THE ATA ESTIMATES THE INDUSTRY WILL
BE 160,000 DRIVERS SHORT TO MEET THE DEMAND

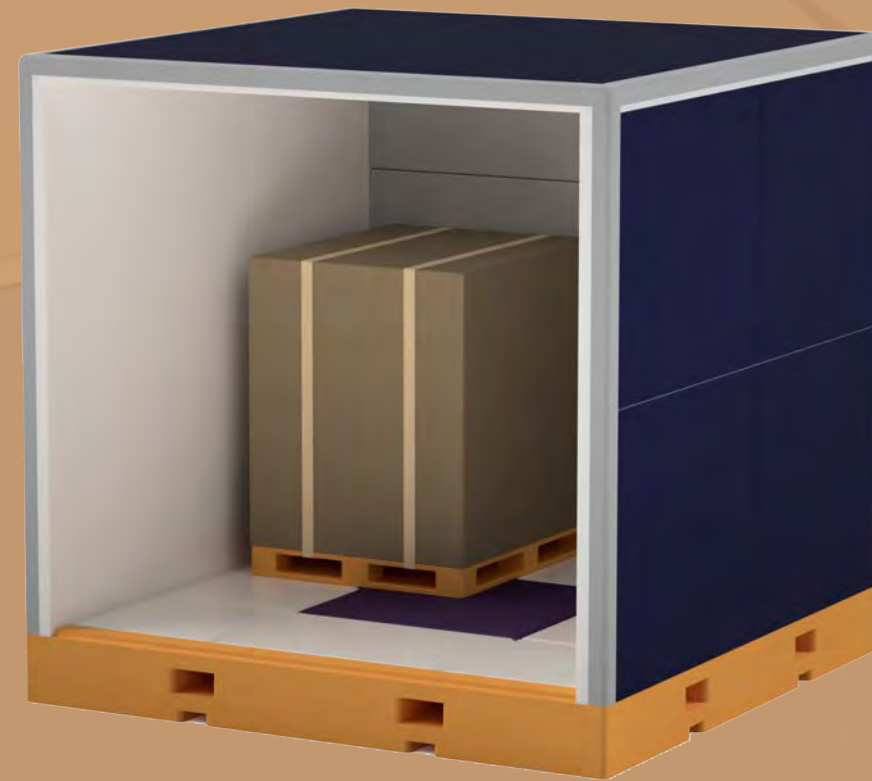


So What's the Problem?

FOOD LOSS

14% of ag production in developed economies is wasted between harvest and the distribution center or retail outlet or consumption. This can be as high as 50% in developing economies.

The Solution



The E C U B E D™ “Cube”

01

First to
Market

Our E Cubed
“Cube” is
Patent Pending

02

Even
Symmetry

Symmetrically
designed & side-
loading

03

Energy
Efficiency

Solar Powered
Batteries
Cooling Systems

04

Pre-Cooling
Capacity

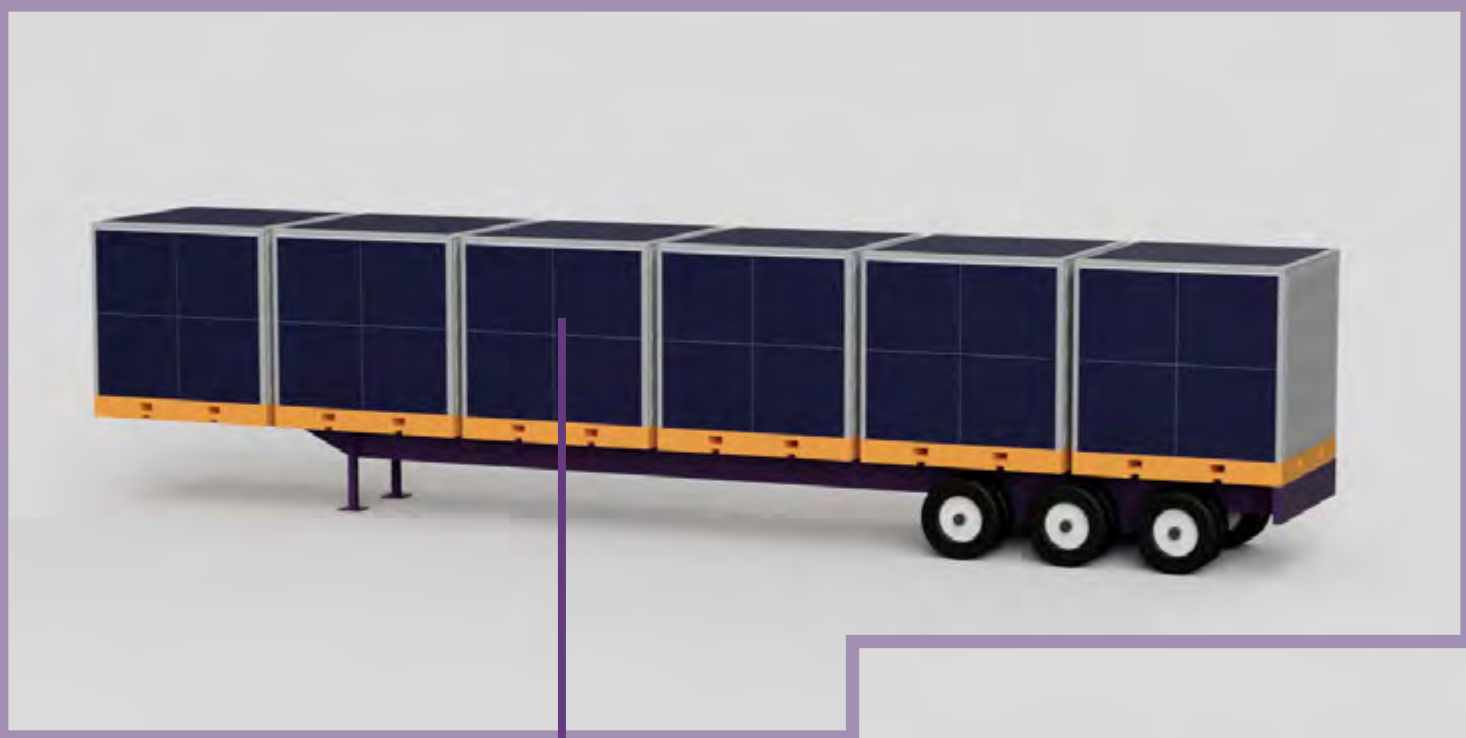
6-Cubes linked per
chassis

05

Future-
Proof

Automated &
Roboticized Future

The Many Uses of the Cube



Transport Mode -
Solar Panels are
Outwards-facing.

Delivery Mode -
Doors are Outwards-
facing on both sides.



Active Delivery Mode - with Doors
Open on either side for easier
unloading from both sides.



**Regional Haul
Loading & Unloading
Modes**

Software & A.I.



Real-time tracking down to the pallet level through GPS, RFID and Computer Vision AI



Cube level temperature and humidity control, cold chain visibility



Algorithmic optimization of energy priority throughout cubes, chassis and E Cubed ecosystem



Proprietary software optimizes for multi-zone, multi-class cubes through our hub network

Why Now?

Society is at a new juncture, where technologies and our resources can reach an equilibrium never-before-thought possible.

- Solar is the cheapest form of energy on the planet.
- Inflation Reduction Act.
- Resource productivity - Do more with less.
- Circular economy, recycled materials will have multiple destinations, "Waste Chain."
- Solution must fit existing infrastructure.



Software & A.I.

The logo for WattEV, featuring the word "Watt" in black and "EV" in green, with a stylized green lightning bolt integrated into the letter 'V'.

WattEV

TaaS - Trucking as a Service

The logo for TeraWatt, featuring a stylized blue "TW" monogram above the word "TeraWatt" in a bold, dark blue sans-serif font.

TeraWatt

Infrastructure Developer
for fleets trying to electrify

The Team



ANTON LESNICAR PhD
Co-Founder/CTO
Power Electronics/Batteries



CHAD CALDWELL
Co-Founder/CEO
Real Estate/Trucking

VISION

Create top down system change to decarbonize over-the-road transport, utilizing our cube as the fundamental building block.





ECUBEDTM

BUSINESS PRESENTATION

www.ecubed.ai