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THE VOICE

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LEGACY PARTNER



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Fun Fact: This month's issue focuses on sustainability efforts that HTA members have made to impact their communities.



Pacific Drayage Services Seeks to Reduce its Carbon Footprint

Written by Jim Gillis, President of Pacific Drayage Services

There are many definitions of the word "sustainability" currently used today, but the one that I like to think about is relatively simple: Sustainability is concerned with protecting the planet, halting climate change, and promoting social development, seeking to cover our present needs without compromising resources for future generations.

Regardless of your feelings on climate change, an incontrovertible fact is that the air quality in Southern California consistently ranks as some of the worst in the United States. As business leaders in these communities, we have a moral obligation to do everything we feasibly can to work on reducing the footprint of our industry in air pollution.

Navigating the world of clean trucks, infrastructure, grants, and air quality regulations is daunting. There is no "easy" button to help direct the trucking operator to the right technology at the right price- in fact, in many cases, investments are made on faith with little to no data to back up substantial investments. I've been grateful to belong to an organization like the Harbor Trucking Association for many reasons, but education on this key subject remains one of the top. We've participated in a variety of webinars, ride and drive events, and static displays such as the Draytech symposium that has helped educate my team on the variety of technologies available as well as grant funding that we've been fortunate enough to receive.

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We made an internal decision in 2022 to “decarbonize” our Headquarters building in Compton by converting our all-propane forklift fleet to all electric lift equipment and transitioned away from our diesel yard hostler to a new Orange EV through a sizeable investment- a decision I’m extremely proud of, as we’ve significantly reduced our carbon footprint with no degradation in equipment performance. We’ve also recently received the first of our Battery Electric Vehicles from Volvo and are building out infrastructure at our Compton terminal to support them. We’re making some additional investments this year into zero emissions vehicles and will soon deploy our first ZE’s to the Oakland market. Over the next 5 years, we will rapidly transition our fleet of 315 diesel tractors to zero emissions with a completion goal of 2028.

There are so many great companies leading the way in sustainability in California, many of whom belong to the Harbor Trucking Association. I’m proud that PDS is among them and that together we are doing our part to impact air quality in our communities.



Hight Logistics' Journey to a More Sustainable Future

Written by Rudy Diaz, President of Hight Logistics

On December 7th, 2022, Hight Logistics Inc., had a ribbon-cutting ceremony to highlight its transition into an electric fleet by adding 4 electric trucks to its fleet. They expect a total of 6 more Volvo trucks to be delivered by the 3rd quarter of 2023. This conversion was made possible thanks to the partnership Hight Logistics was able to establish with Forum Mobility back in 2021. They have worked together to get the infrastructure built to service the fleet of electric vehicles.

For Hight Logistics, this conversion into electric trucks plays an important part in providing sustainable solutions to clear the air around the ports, the city of Long Beach, and the greater Los Angeles area. As president, I feel that we are going to contribute to pollution no matter what we do as a company. However, we have a responsibility to provide sustainable solutions to offset our contribution to the problem.

We use diesel, gasoline, tires, plastic, and we dispose of trash; these are all forms of contribution to the pollution the world experiences each day. It is hard to get away from contaminating the planet, however, there are also ways to offset our footprint and contribute to the well-being of the planet. One way is to convert our existing fleet into an electric fleet that uses other forms of sustainable energy. For instance, Hight Logistics is looking for ways to build a solar structure that can provide the energy needed to power our electric fleet. This is not something that will be accomplished this year. However, it is our vision and the direction we want to move forward in so that Hight Logistics can become a sustainable drayage provider for our customers.

Currently, there are customers, shippers, and BCOs that want to be more sustainable and are looking for partners to help them with that endeavor. I hope that Hight Logistics can be a part of that solution. There is a lot more work to be done, but each step one company takes toward sustainability helps the planet.

If we want to continue to enjoy the natural beauty that this planet offers us, we must start taking these small steps. In time, these steps should become more significant. I believe this is a worthwhile way to work towards a sustainable future. This is where we take from the Earth and give back by caring for and managing our resources as we work towards obtaining cleaner air.

4GEN Logistics Pledges to Become First All Zero-Emission Employer Owned Truck Fleet

Brought to you by: 4Gen Logistics



4 Gen Logistics has pledged to become the first all-zero-emission employer-owned class 8 drayage truck fleet in NA by 2025, taking delivery of up to 90 zero-emission class 8 drayage trucks. They are also building a network of 90 DCFC charging stations capable of delivering 350 kWh each. 20 Kenworth T680e ZE trucks will arrive in early March at its Port of Long Beach facility, with 40 Volvo VNR Electric Generation 2 trucks in Q2 2023. Funding support from Electrify America, California's Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project (HVIP), and the Mobile Source Air Pollution Reduction Review Committee (MSRC) has greatly assisted in the move towards zero emissions. Company owner David Duncan said, "We have operated BEVs for two years with nine chargers in place at present, and with our pledge to have a 100% zero-emission fleet by 2025 - ten years before we are required to - we know it is the right thing to do to reduce our carbon footprint. BCOs have embraced our move to ZEVs, and we plan to work with them so we can both meet our sustainability goals."

At UPS Sustainability is Not Just a Promise; it's an Action Plan

Written by Bruce DD MacRae, Vice President of UPS, US Government Affairs

UPS delivers what matters. That is why we've committed to 100% carbon neutrality in 2050 and set clear goals and plans along the way. Our aim is to achieve a lower carbon footprint in a financially and socially responsible way. Driven by integrity, we remain focused on making credible, purposeful changes to adapt and achieve our sustainability goals along the supply chain.

With a global footprint and customers in more than 220 countries and territories, we have seen how climate change, air quality and other socioeconomic challenges intersect, and have set a clear roadmap to reach carbon neutrality by 2050.

- 40% alternative fuel used in our ground operations by 2025
- 25% renewable electricity powering our facilities by 2025
- 30% percent sustainable aviation fuel (SAF) in our air network by 2035
- 50% percent reduction in CO₂e per package delivered by 2035 (2020 base year)
- 100% percent renewable electricity powering our facilities by 2035

At UPS, sustainability is not just a promise, it's an action plan. We have a responsibility to put sustainability at the core of our operations. This means the creation of more environmentally sustainable solutions such as: introducing innovative delivery methods for crowded cities; investing in next-generation vehicles; enhancing route optimization technologies; and developing people to drive the innovations needed for a carbon neutral future.

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While serving our customers, we collaborate with public and private partners to develop solutions and support high-quality offsets, including technological and nature-based solutions to capture and remove carbon. Some of our innovation driven investments include:

- 15,600+ alternative fuel and advanced technology vehicles, driving more than 1M miles per day
- 30+ urban logistics projects to improve last-mile deliveries in cities around the world including use of e-Quads and electric bikes
- Receiving our first of ten all-electric semi-trucks, the eCascadia from Freightliner to our Compton, California facility



UPS is a purpose-driven company. Moving our world forward by delivering what matters is the focus of our work around the world. We're committed to pursuing planet-friendly solutions to improve the well-being of our people, customers, communities and other stakeholders. With our latest achievements, we're focused on building a more sustainable, resilient, and inclusive world.

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Transportation Software for Container Drayage Companies



ZERO-EMISSION RIDE & DRIVE

March 1st, 9am – 3pm | Dignity Health Sports Park

IN PARTNERSHIP WITH



**Ride, Drive or Preview a Battery
or Fuel Cell Electric Truck**

TALK TO COMPANIES THAT SUPPORT ZERO EMISSION VEHICLES

- Learn about the various zero emission technologies
- Talk to companies offering financing, leasing and insurance
- Mobile and stationary electric charging solutions
- Offsite and onsite hydrogen fuel solutions
- ZEV infrastructure parking solutions
- Mobile ZEV repair companies

LOCATION

Dignity Health Sports Park, Gate A
18400 Avalon Blvd, Carson, CA 90746

**Complimentary
lunch will be
served**



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MEMBER OF THE MONTH

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Congratulations on your achievement as the February Member of the Month, we consider this award as our gratitude for your continued support of the HTA.

This month, the spotlight is on Rocco (Rocky) Grieco, President of Harbor Truck Stop for being named HTA's February Member of the Month.

Here are a few questions we asked Rocco to commemorate this achievement:

- What is the most interesting place you've ever travelled to?

If I could go back in time, I would go back to the 60s.

- What is the best advice you've ever received?

Never say no to an opportunity.

- If you did not work in this industry, what field would you pursue?

I would pursue real estate development.

The Coming Paradigm Shift (Part 1)

Written by Jack Khudikyan, Owner MDB Transportation, Inc. Originally published on *The Star Carrier*, September Issue 2022

Trying to learn from history books what happened in the past, while at the same time trying to understand the new technologies of the future, we see a story that has no ending.

I always wonder what the great inventors were doing in their lives when they came up with life-changing innovations for all mankind, such as electricity, the car, radio, telephone, airplanes, wi-fi, Internet and artificial intelligence.

What made them want to create and innovate? What drove them to that point? I believe they all had something in common, a paradigm shift, in their life. Usually this happens out of extreme desperation or inspiration.

We all have heard the famous quote from Edison: "I didn't fail 1000 times. The light bulb was an invention with 1000 steps." This is an example of extreme desperation that ultimately yielded his results.

Ford, on the other hand, was always a visionary and wanted to change the world. He was inspired to innovate by spending time with like-minded people, including J.P. Morgan and Andrew Carnegie.

Alternative Fuels and Their Networks

I would like to focus on some of the futuristic technologies that we hear about today but are still unfolding, where paradigm shifts will be needed for these technologies to serve mankind.

This month we'll focus on battery electric vehicles (BEV), their pros and cons and the basics of BEV infrastructure. Next month we'll take a look at fuel cell electric vehicles.

As the name implies, BEVs are electric vehicles and have zero tailpipe emissions. This where most people get confused. BEVs generate energy to operate an electric power/train motor to move the vehicle using an onboard lithium-ion battery, whose main ingredient needs to be mined from the earth.

Battery Electric Vehicles

These lithium-ion batteries need to be charged by electricity to start, accelerate, and move a truck/car. These batteries are heavy, and the dilemma is always how many batteries can be placed on a chassis to give the truck enough range to be practical without exceeding gross vehicle weight requirements.

Eventually, out of desperation or inspiration, someone will innovate a way to get trucks over 700-1,000 miles on BEV trucks. For local moves, BEVs are a great alternative if you can make it work financially through grants or subsidies, which there are a lot of.

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We'd love to hear from you! If you have Zero Emission and/or Alternative Fuel Projects, please contact us at info@harbortruckers.org.

These include California's Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project, the California Air Resources Board and the state's Air Quality Management Districts, to name a few.

Charging times for BEVs have improved a lot since our company got our first electric trucks back in 2018. It used to take over 8 hours to charge the trucks to get 90-120 miles of range, but today's electric trucks can get 160-320 miles with only 2-5 hours of charging (depending on the specs of the truck, fueling station capabilities and the number of vehicles being charged simultaneously).

Companies are developing new charging stations that can store 1-2 megawatts of energy from renewable sources, such as wind and solar, for charging trucks during downtime.

This is wonderful since the source of electricity is always a controversial topic; we talk about BEV being "green" and sustainable for the environment, while the source of power behind the electricity is "dirty" coal. So, it's very exciting to see this renewable energy storage capacity for truck charging make its entire supply chain "green".

Building out charging stations for BEV is expensive and can take months or even years. It takes new investments from utilities to upgrade the power grids and improved storage and capacity.

So, there is still more room for creative innovation in this area and the startup world is hard at work on these. Wireless charging is developing quickly to help alleviate this challenge, and you will see it in warehouses and truck stops soon, where your truck will be getting charged within about 30-35 minutes while you load or get food.

[...]

Until then, stay blessed and stay tuned for more!



Customers who use these systems will gather to learn about the newest technologies and trends for harbor and inland trucking: Compcore, GTG, Profit Tools, Envase TMS, Tailwind, Infosite, DrayMaster, GeoStamp, SecurSpace, and Nascent

Not a customer? Not a problem. [Email](#) here to learn how to reserve a spot at the conference. We look forward to seeing you all soon!

Whitepaper: How to Build and Grow a Sustainable Drayage Business

Are you in a stalemate with your current system, trying to grow but unable to move the needle? Starting and growing a drayage business that withstands all challenges of our uncertain times is not easy. There are so many things to consider. Industry veterans weigh in on best practices for sustainable growth in this guide. This whitepaper covers suggestions to help:

- Get paid quicker with the use of technology
- Attain an affordable TMS even if you're a smaller company
- Meet customer need for visibility and efficiency
- Instantly allocate assets and drivers to maintain your fleet and meet demand
- Maintain real-time status on all your orders
- Scale your growth without sacrificing control.

[Get the Whitepaper](#)



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