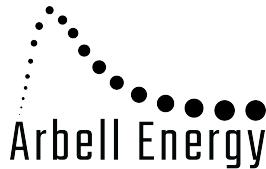


Drive TLV: FASTLANE x  
USA Roadshow- Feb 2025

Arbell Energy significantly increases the efficiency of solar cells through its innovative architecture of nanocrystals, creating lightweight and transparent PV solutions. By leveraging simple manufacturing techniques and materials, Arbell Energy reduces costs while delivering cutting-edge solar technology that can be applied on any surface - including vehicle surfaces to prolong battery life, power various components and facilitate grids and charging stations.

**Lior Bar-Shalom**, CEO

[Website](#)



Dataspan enables OEMs and Tier 1 manufacturers to automate visual inspection in their industrial processes by addressing the pain of collecting massive amounts of images. Dataspan's self-serve platform adds GenAI synthetic data to their datasets, eliminating the need for extensive manual data collection to train computer vision models. This increases the accuracy of quality assurance and predictive maintenance processes.

**Ofer Lavi**, CEO

[Website](#)



Deontic uses Generative AI and Large Language Models (LLM) to support, inform, and augment autonomous driving scenarios by expanding Operational Design Domains (ODD) and covering new geographical regions. By incorporating standards, regulations, and laws, Deontic addresses the challenges of market expansion and supports regulatory frameworks for automated mobility, using natural language.

**Stephen Lernout**, CEO

[Website](#)



Monogoto is enabling a smarter, more connected world through its IoT innovation with its always-on cellular cloud 4G/5G connectivity, NTN satellite networks, and private LTE/5G networks. By providing fleets with seamless, secure, and cost-effective device connectivity in over 180 countries and across 550 public networks, Monogoto empowers OEMs and enterprises to scale IoT solutions effortlessly.

**Itamar Kunik**, CEO

[Website](#)

**Drive TLV:** FASTLANE  
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Nugen's solid-state hydrogen technology generates clean energy on demand, enabling EV charging anywhere—urban or remote—without relying on the grid. This scalable and efficient solution simplifies deployment and reduces logistical complexities, while providing safe and abundant energy.

**Eyal Shalom**, CEO



Whilx is developing an add-on system for autonomous adaptive optimization of the tire pressure, ensuring that the contact area of the tire with the road is always optimal. Optimal tire pressure can significantly reduce braking distance, thus reducing collisions, and increase fuel efficiency to reduce CO2 emissions. The system can be installed retroactively to fit any vehicle class and size.

**Roi Kantor**, CEO

[Website](#)