



Quantum Hub Deal Flow - June 2022

| | Title | Solution (Short) | Description | Industries | Funding stage | Product Stage | Founded | Website | Partner |
|----------------------------------|---------------|--|---|-----------------------|---------------|---------------|---------|--|-------------------------------------|
| Mobility & Automotive | | | | | | | | | |
| 1 | Jupiter-EV | EV charging stations | The company's multiple EV charging station (MEV-CS) creates 8 to 16 fast DC charging stations in an area less than 50 sqm (equivalent to 3 parking spaces). Jupiter-EV's platform is based on a unique robotic parking tower with a proprietary interface to standard OCPP fast DC charging stations. | Mobility & Automotive | Revenues | MVP | 2022 | www.jupiter-ev.com | Hyundai, Kia / Talcar, Taavura, VDL |
| 2 | CogniTeam | AI and Cloud-based Robot Programming and Automation System | CogniTeam is the developer of Nimbus, a cloud-based platform for developing, managing, and controlling robots and fleets. CogniTeam's software incorporates spatial awareness tools, obstacle avoidance, and other advanced navigational features into modern robots. | Mobility & Automotive | A | Released | 2010 | http://www.cogniteam.com | Hyundai, Kia / Talcar, Taavura |
| 3 | Captain's Eye | Maritime Safety, Security, and Management System | Captain's Eye has developed an AI-based software system that includes cameras installed throughout the ship (engine rooms, deck, and general compartments) . The system analyzes the videos and gives immediate real-time alerts regarding a range of malfunctions, including sea pollution caused by human error, smoke, leaks, failure to wear protective gear (which could lead to injuries), negligence in operating the ship, and security issues. | Mobility & Automotive | Pre-seed | Beta | 2020 | https://captain-eye.com/ | Hyundai, Kia / Talcar |
| 4 | Nakai | Fully Autonomous Hull-Conditioning & Inspection Robot that operates on In-Transit vessels. | Autonomous Robots that travels with the ship, removes early-stage Slime & Biofouling while vessels are In-Transit. In addition, nakAI performs an ongoing inspection of the ship hull. AI & ML algorithms not only react to sea and water flow conditions instantly, but also generate hull assessments reports, preventive maintenance and sustainability insights. | Mobility & Automotive | Pre-seed | MVP | 2020 | www.NakaiRobotics.com | Kia / Talcar VDL |
| 5 | AirWayz | Real-time Autonomous Management of Multiple Drones | Airwayz offers a multi-platform software that can control, manage, and automate the operation of drone fleets of different types for various missions. The solution uses a cloud-based network and decentralized swarm technology to share all flight information and enable operational coordination in real time. The Airwayz system offers several AI-based features such as multiple autonomous flight modes, advanced mission planning, remote control, and hive mode to help organizations maximize their drones' operational potential. | Mobility & Automotive | Pre-seed | MVP | 2018 | https://www.airwayz.co | Hyundai, Taavura, VDL |



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| 6 | ETV Energy | Lithium-ion Batteries for Electric Vehicles | ETV Energy is developing lithium-ion batteries for the automotive and high-end markets. Novel battery chemistry based on a high-voltage cathode is currently being developed for the automotive market to deliver a specific energy level of 220–250 Wh/kg. ETV Energy has already gained a foothold in the high-end market with a derivative of this technology that delivers 400 Wh/kg. | Mobility & Automotive, Energy | A | Released | 2008 | http://www.etvenergy.com/ | Hyundai, Kia / Talcar, VDL |
| 7 | Clearly | Carbon Reduction Solution for the Mobility Industry | Clearly was founded to decelerate climate change and decarbonize the mobility industry. Developed by mobility and sustainability experts, the company's carbon reduction software delivers accurate data that provides tools and actionable insights to drive down carbon emissions. Clearly's real-time, cost-effective solution is designed to help businesses identify and finance carbon reduction plans at scale. | Mobility & Automotive, Energy | Seed | R&D | 2021 | https://clearly.earth/ | Kia / Talcar, Taavura, VDL |
| 8 | Starter | PROCUREMENT & INVENTORY software MANAGEMENT | E-COMMERCE MARKETPLACE <ul style="list-style-type: none"> •Professional: alternatives & Specs •Real-Time Price Comparison •White Label ready •Database | Mobility & Automotive, Logistic | Bootstrap, Pre-seed | Released | 2019 | starter.co.il | Kia / Talcar |
| Energy | | | | | | | | | |
| 9 | Maygia | Hydrogen-powered Clean Water and Electricity | Maygia uses hydrogen as an energy source to produce electricity while treating water using a single technology, resulting in lower costs and carbon emissions. | Energy | Pre-seed | R&D | 2022 | https://www.maygia.com/ | Hyundai, Taavura, VDL |



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| 10 | Latent Energy | Utilizes unrecycled waste to produce emission-free sustainable green fuels and resources. | Reducing GHG emission: Negative carbon footprint by decarbonization of fuel and byproduct production. Plastic End of Life: Profitable, sustainable, scalable and pollution free plastic end of life solution. Energy Security: Local, sustainable production of green fuels and industrial feedstock | Energy | Bootstrap | Beta | 2021 | | Taavura, VDL |
| 11 | Bioshade | Green Shade for Smart Cities | BioShade is focused on solving the problem of urban heat islands by mapping where biological shade is most needed in a city and then offering a smart, fast-growing, modular hydroponic system integrated with urban-customized shade plants. BioShade offers an autonomous and ecological shading system integrated with AI, IoT, and hydroponic technologies. The system is customized to support high-leaf-area plants that can evaporate large amounts of water to create sustainable biological shading areas that perform both carbon capture and air quality improvement. The company's systems are designed to create a significantly cooler microclimate around them in order to reduce the heat, energy consumption, and air-conditioning expenses in buildings and urban spaces. BioShade's biological shading technology provides shading, cooling, and improved air quality and is fully optimized, automated, and scalable for deployment in cities worldwide. | Energy | Pre-seed | MVP | 2020 | https://www.bioshade.net/ | Hyundai, VDL |
| Infrastructure | | | | | | | | | |
| 12 | Curapipe | Bulk Reduction of Leakage in Water Distribution Pipes | Curapipe developed the patented Trenchless Automated Leakage Repair (TALR), which is a solution for rapid bulk reduction of unsustainable leakage levels. It is designed to work along with ongoing active leakage management services and works well with installed network pressure reduction systems. | Infrastructure | A | Released | 2007 | www.curapipe.com | VDL, Other |



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| 13 | Quadpole | Surveillance drones | Quadpole Technologies is developing solutions for long-term security, surveillance and inspection, based on the best drones available in the market. | Infrastructure, Logistic | Bootstrap | Beta | 2020 | quad-pole.com | Taavura |
| 14 | Auto-Mate | Autonomous solutions for mining equipment fleet | By using an open system architecture and modular technological building blocks approach, the solutions answers customers' specific operational needs. The autonomous systems is a combination of smart vehicles, control systems and communication solutions that run in synergy to optimise the system missions. | Infrastructure, Mobility & Automotive, Logistic | Revenues | MVP | 2021 | https://auto-mate.net | Hyundai, Taavura, VDL |
| AgriFoodTech | | | | | | | | | |
| 15 | Torr | Multi-ingredient Snacks | Torr develops solutions for the multi-ingredient snacking industry by composing food ingredients together, without using sugar to bind them. | AgriFoodTech | Seed | Beta | 2019 | https://torrfoodtech.com/ | Kia / Talcar, VDL |



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| 16 | Sgtech | Biogas Production and Waste Treatment Solution | SGTech specializes in zero-carbon sustainable farming, with a focus on providing a complete and sustainable solution for the livestock industry. The company has developed an innovative biological process that combines enhanced biogas production with the simultaneous removal of nutrients from livestock manure and slurry. The end products are clean energy, bio-fertilizer, and water for irrigation and fertigation. | AgriFoodTech | A | Beta | 2014 | Www.sgtech.co.il | VDL |
| Industry 4.0, logistics & others | | | | | | | | | |
| 17 | Smartech | Disruptive Manufacturing Solutions | SMARTECH designs and delivers an autonomous manufacturing platform and smart manufacturing solutions that drive value for the production envelope and beyond. SMARTECH's solutions target the manufacturing sector, focusing on raw materials and technological processes, addressing line speed and throughput, and advancing product quality and features. | Industry 4.0, Enterprise software | Revenues | Customer development | 2010 | www.SMARTECH.com | Taavura |
| 18 | Vilog | AI-powered Yard Logistics and Lot Management | ViLOG is an AI-powered, cloud-based management solution for vehicle storage yards. ViLOG enables automated real-time tracking of IoT-enabled vehicles entering and leaving lots as part of the supply chain. | Logistic | Bootstrap | Released | 2019 | https://vilog.io/ | Hyundai, Kia / Talcar, Taavura |



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| 19 | Rebates on | Rebate Management Platform | Rebates-ON is a SaaS-based business intelligence tool that consolidates all vendor programs into a single dashboard. The system is customized for each customer's certification level and programs. It enables users to easily manage their vendors' programs and increase cash rebates. Rebates-ON was developed by Above-IT International Technologies Ltd. | Call Center, Other | Bootstrap | Released | 2015 | https://www.rebates-on.com/ | MedOne, Tikshoov |