# Quantum Hub Deal Flow - December 2021

| | Title | Solution (Short) | Description | Industries | Funding stage | Product Stage | Founded | Website | Partner |
|---|---|---|---|---|---|---|---|---|---|
| | | | **Mobility & Automotive** | | | | | | |
| 1 | What3Words | Mapping technology | What3words is a way to talk about location. It has divided the world into a grid of 3m x 3m squares, each with a unique address made from 3 words. The system refer to any precise location – a delivery entrance, a picnic spot or a drone landing point – using three simple words. | Mobility & Automotive, Logistic, Other | Revenues | Released | 2015 | https://what3words.com/bubble.legal.napkins | Hyundai, Kia / Talcar, UPS |
| 2 | EExion | Pseudocapacitive Electrode Technology for Electric Vehicles | EExion's Energize N' Go is based on a chemically manipulated supercapacitor technology that charges up to 100 times faster than rechargeable batteries, with a practically infinite number of charge/discharge cycles. | Mobility & Automotive, Energy | Pre-seed | R&D | 2018 | https://www.eexion.com | Hyundai, Kia / Talcar, VDL |
| 3 | MEA | EV testing solutions | High-power electric powertrain testing systems, for a variety of e-mobility platforms, providing an an extensive array of solutions, instruments, and simulations, for the fields of electric vehicles & automotive, aerospace, rail, micro, servo, gear, and energy. | Mobility & Automotive | Revenues | Released | 2010 | https://meatesting.net/ | Hyundai, Kia / Talcar, UTI, VDL |
| 4 | Imagry | Vision-based Autonomous Driving | Imagry is developing a camera-only, level-4/5 self-driving platform. The AI technology is based on deep inverse learning algorithms that accelerate the training and performance of its unified software solution (end-to-end perception, planning, and control), especially in complex unseen scenarios. | Mobility & Automotive | A | MVP | 2013 | http://www.imagry.co/ | Hyundai, Kia / Talcar, UTI |
| 5 | Morel | Audio Drivers and Speakers | Morel manufactures speakers and audio drivers for OEM, home, and car audio market segments. | Mobility & Automotive | Revenues | Released | 1975 | http://www.morelhifi.com | Hyundai, Kia / Talcar, VDL |
| 6 | MVSYS | Volumetric traffic data for AV | MVSYS develops a unique platform for collecting and providing valuable real world volumetric traffic data for the AV industry. By collecting data out of a minimal number of strategic urban spots, using MVSYS street camera platform. | Mobility & Automotive | Bootstrap | Beta | 2020 | | VDL, Other |

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| 7 | joinme | Smart transportation | A technological platform connects starting and destination points of people moving in similar routes in the Matrix direct and efficient routes. | Mobility & Automotive | Bootstrap | R&D | 2020 | | Taavura |
| 8 | Shift | SaaS-based Shuttle Management Solution | SaaS platform that enables shuttle operators to manage and optimize their routes and schedules in order to boost performance and lower costs. | Mobility & Automotive | Seed | Released | 2016 | https://shiftlive.net/ | Taavura |
| **Logistics** | | | | | | | | | |
| 9 | Xeye | Imaging for Crowd Safety in Open Spaces | Using electromagnetic imaging and artificial intelligence to search for threats. The company's near-field threat detection (NFTD) system scans people in real time, without hindering the flow of foot traffic, in order to enhance overall public safety and security. Xeye's patented technology helps realize NFTD by enhancing the responsiveness of standoff detection measures. By deploying Xeye to address security challenges in high-traffic public areas, businesses, venues, and government entities can improve their safety without disrupting the day-to-day lives of their patrons and employees. | Logistic | Seed | Beta | 2015 | https://xeye.ai/ | Hyundai, Maman, VDL |
| 10 | Paxxi | Crowdsourced Delivery Platform | Paxxi provides last-mile delivery solutions for traditional businesses, e-retailers, and consumers. The company's delivery management platform enables fast, secure, and cost-effective last-mile delivery solutions by consolidating local and global couriers into a comprehensive end-to-end system. | Logistic | Revenues | Released | 2014 | http://paxxi.net/ | Hyundai, Maman, UPS |
| 11 | ThirdEye Systems | Autonomous Drone Security Solutions | ThirdEye Systems specializes in developing high-end object recognition algorithms within the thermal spectrum for use in a variety of applications. The company's technology enabling commercial drones to become autonomous security guards. | Logistic | Public | Released | 2010 | http://thirdeye-systems.com | Kia / Talcar, Livnat, MedOne |

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| | | | **Industry 4.0** | | | | | | |
| 12 | Nemo Nanomaterials | Industrial Nanomaterial-based Additives | Nemo Nanomaterials develops, manufactures, and distributes industrial nanomaterial-based additives that are effective and simple to use. The company's proprietary technology and techniques for processing and mixing nanomaterials enable it to introduce nanoparticles at low dosages in various carriers to achieve the desired properties for specific materials and products. Nemo Nanomaterials' additive concentrates are introduced into existing manufacturing processes and can enhance the performance of a wide range of industrial materials and products by improving their physical and mechanical properties. | Industry 4.0, Mobility & Automotive, Energy | Seed | Released | 2018 | nemonano.com | Hyundai, Tadiran, VDL |
| 13 | infiniDome | GPS Security Solutions | infiniDome provides front-end cyber solutions that protect wireless communications from jamming attacks. The company's GPS protection solutions are designed to defend the GPS systems at the heart of drones and other unmanned systems, vehicle fleets, critical networks, and defense applications. | Industry 4.0, Mobility & Automotive | Seed, A | Released | 2016 | https://www.infinidome.com/ | Hyundai, MedOne, Taavura |
| 14 | Pickommerce | Robotic Picking Technology for Warehouses | The company is developing a robotic grasping technology in which small stickers are glued to objects for use as handles, enabling robotic hands to grasp and pick practically any object. | Industry 4.0, Logistic | Pre-seed | R&D | 2021 | pickommerce.com | Hyundai, LogistiCare, Maman, UPS, VDL |
| | | | **Energy** | | | | | | |
| 15 | WiseSol | Solar solutions | The X-Heater – is the most efficient way to supply hot/cold water to households. X-Heater uses the unique phenomena of vapor-compression cycle, which uses the forced circulation and phase change of a refrigerant between gas and liquid to transfer heat. | Energy | Bootstrap | Released | 2017 | https://wisesolenergy.com/ | Tadiran |
| 16 | Hydrox | Hydrogen-based Energy Storage | HydroX is developing a patented energy storage technology for safe and inexpensive use in zero-emission, hydrogen technology. The company's technology is charged with hydrogen and released on demand, reducing infrastructure and handling costs. | Energy | Seed | R&D | 2016 | https://hydrox.earth/ | Taavura, VDL |

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| | | | **Data center** | | | | | | |
| 17 | Defender | Quantum encryption technology | The company develops a system that consists of a number of layers of technology, which blamed the mythical "One Time Pass" encryption algorithm. | Data Center | Bootstrap, Pre-seed | Beta | 2015 | | MedOne, UPS |
| 18 | DataLoop | AI-assisted Data Management and Annotation Tools | SaaS platform for AI data annotation and data management focusing on accelerating vision AI. Dataloop's proprietary platform works to streamline the process of preparing unstructured data by weaving together both human and machine intelligence and to power enterprises successfully in production AI. | Data Center | Revenues | Released | 2017 | www.dataloop.ai | Kia / Talcar, Taavura, Other |