



Quantum Hub Deal Flow - May 2022

	Title	Solution (Short)	Description	Industries	Funding stage	Product Stage	Founded	Website	Partner
Mobility & Automotive									
1	Eyenet-mobile	Collision prediction and prevention solutions	<p>Mobile application that provides real-time pre-collision alerts to all road users.</p> <p>The Eye-Net Protect, integrates with personal smartphones / infotainment systems, and relies on existing cellular networks, without requiring a registered user profile.</p> <p>It protects all road users in real time, including the most vulnerable ones (pedestrians, cyclists, and micro-mobility riders), analyzes and predicts road safety events.</p>	Mobility & Automotive	Bootstrap	Released	2018	www.EyeNet-Mobile.com	Hyundai, Kia / Talcar, Taavura
2	Scorpion	Smart wheel system	The system is design to control all the secondary systems through the steering wheel : Lights, mirrors, infotainment etc	Mobility & Automotive	Bootstrap	R&D	2022		Taavura
3	Be Inspired	Air Pressure Monitoring and IOT system for vehicle wheels	Simple hardware installed on the car wheel in a simple way. autonomous system that detecting a drop of air pressure and filling the missing air automatically and effectively.	Mobility & Automotive	Bootstrap, Seed	Beta	2017	www.beinspired.co.il	Hyundai, Kia / Talcar, Taavura
4	Joyn	EV charging community	JOYN is the first global peer-to-peer solution for EV charging with a user-friendly app, aggregating private charging stations under a single, socially-driven network, enabling EV users to charge everywhere.	Mobility & Automotive, Energy	Bootstrap	Beta	2022	www.joynpower.com	Hyundai, Kia / Talcar, Taavura
Energy									
5	Apollo Solar Engineer	A PV System Design Process	Apollo Solar Engineer is developing a system that will automatically design and optimize the solar system, including electrical design and construction, to export work plans.	Energy	Bootstrap	R&D	2022		Tadiran



Quantum Hub Deal Flow - May 2022

	Title	Solution (Short)	Description	Industries	Funding stage	Product Stage	Founded	Website	Partner
6	Dustoss	Innovative wind operated solar panel cleaning technology	Dustoss develops innovative, eco-friendly solutions to combat solar panel soiling using wind energy.	Energy	Seed	Customer development	2021		Tadiran, VDL
7	MTR Wireless Communications	Smart Grid Wireless Control Solutions	<p>MTR Wireless Communications provides water, gas, and electric utility smart grid technologies based on stand-alone and embedded two-way RF communication solutions. MTR develops technologies, production engineering, and marketing, with high-volume production carried out by subcontractors. The company is extending its reach to gas and electric power projects.</p> <p>MTR has released the latest generation of its AMIPro technology, which offers smart metering solutions for total management of water, gas, and electricity consumption. AMIPro offers automated readings, errorless data, theft loss reduction, billing efficiency and cash flow improvement, online usage control, a multi-tariff structure, and a real-time data display for consumers.</p>	Energy	Revenues	Released	2009	https://mtr-wireless.com/	Taavura, Tadiran
8	MaxGrid	Next-Generation Energy Management	A cloud-based microgrid management system that optimizes and maximizes profit.	Energy	Pre-seed	R&D	<u>2022</u>		Taavura, Tadiran
9	SolarView	Solar Energy Asset Management Platform	SolarView provides an end-to-end asset management platform for solar energy. Starting with the first financial assessments of a project, the company's solution enables easy onboarding, real-time monitoring, deep analysis, management of maintenance operations, budget control, and more.	Energy	Seed	R&D	<u>2021</u>	https://www.solarview.io/	Taavura, Tadiran



Quantum Hub Deal Flow - May 2022

	Title	Solution (Short)	Description	Industries	Funding stage	Product Stage	Founded	Website	Partner
10	Vectored Photonics	Autonomous room system	Vectored's smart-building technology replaces the ubiquitous room light-fixture with a personalized, AI robotic attendant. First, its non-contact sensors automatically detect the instantaneous needs of each room resident. Next, using Vectored's proprietary algorithms, its machine learning decision engine drives the integrated room appliances and outlets to fulfil those needs in real-time. Where in addition, the service provided to each individual resident is now efficiency optimized and tailored to their ""learned"" personal preference; thereby ensuring customer satisfaction.	Energy	Bootstrap	Beta	<u>2016</u>	https://vectored-photonics.com/	Tadiran, VDL
11	Solar Drone	Autonomous "Drone in a Box" technology for solar panel cleaning	Solar Drone Ltd has developed one of a kind and cost efficient drone-based system for solar panel cleaning in any topography, using treated water, patented based developed ECO-FOAM®, and completely autonomous technology. The "Drone in a Box" system is based on advanced technologies like Image Generation, Artificial Intelligence, Machine Learning, Data Mining, Real Time Analysis, Cloud and others that increase PV, operational and asset efficiency and reduce costs.	Energy	Seed	R&D	<u>2020</u>	https://www.solardrones.net/	VDL
Logistics									
12	superduper	Online Grocery Service App	The first profitable online grocery company serving suburban families	Other	Seed	Beta	2019	www.superduper.co.il	Other
13	Mellowvans	Last mile delivery	2,400 L capacity, fully electric delivery vehicle with Over 100 km range and Active cooling solution. Developed & Co-created with insights from E-commerce companies.	Logistic	Bootstrap	R&D	2022		Taavura



Quantum Hub Deal Flow - May 2022

	Title	Solution (Short)	Description	Industries	Funding stage	Product Stage	Founded	Website	Partner
14	NanoScent	Scent-recognizing Connected Devices'	NanoScent is developing a scent-recognition platform that uses machine learning algorithms to detect and pinpoint the exact locations of a wide range of scents at low concentrations. The company's scent-recognition system includes a reader and software. The scent reader is used for collecting smells to check for the purity of the manufactured Hydrogen	Air Purification, Mobility & Automotive	A	MVP	2017	nanoscentlabs.com	Hyundai, Kia / Talcar, Taavura, Tadiran, VDL
15	Zik Labs	Smart logistic optimization platform	A platform that manages logistics and deliveries for small entrepreneurs to large and global companies using machine learning systems to analyze the data and create recommendations and predictions.	Logistic	Pre-seed	Released	2021	zik.ai	Taavura
Industry 4.0 and Infrastructure									
16	Ionoterra	PREDICT EARTHQUAKES 8 HOURS IN ADVANCE	Ionoterra developed a technology and system for Earthquakes Prediction up to 8 HOURS in advance, providing predictions with the 3 most important parameters: Where the Earthquake will happen. When the Earthquake will happen. What Magnitude the Earthquake is going to have.	Industry 4.0, Infrastructure, Other	Pre-seed	Beta	2018	http://www.ionoterra.com	Kia / Talcar, Taavura, Tadiran



Quantum Hub Deal Flow - May 2022

	Title	Solution (Short)	Description	Industries	Funding stage	Product Stage	Founded	Website	Partner
17	CivRobotics	Autonomous Land Surveying Solutions	<p>Civ Robotics develops fast, reliable, and accurate autonomous marking solutions for the construction industry. The company's custom marking mechanism is capable of physically inserting stakes into the soil. The solution can be used to improve land surveying services, particularly for infrastructure.</p> <p>The company's CivDrones are controlled by an autopilot algorithm and include data management software. One CivDrone and an operator have an equivalent daily output of five marking teams. CivDrone is also capable of conducting stakeout missions at night when everyone is off-site.</p> <p>The company's CivDot is a ground-based robot with a similar mission to that of CivDrone but designed for more compact spaces.</p>	Infrastructure	Seed	Released	2018	www.civrobotics.com	Hyundai, Taavura, VDL
18	Apogee Networks	Data connectivity infrastructure	<p>Apogee Networks designed a multicast satellite system with caching in the car's TCU and forwarding architecture. which enables: Extremely low rate of 5 TB (5120 GB) for \$ 5 a month, global coverage with one neck to choke and high security as there are very few gateways in comparison to hundreds of thousands cellular base station</p>	Infrastructure, Mobility & Automotive, Other	Bootstrap, Seed	R&D	2015	www.apogee-networks.com	Hyundai
Others									
19	Soos	Poultry Embryo Sex Determination	<p>Soos Technology is a biotechnology company focused on reducing male layer extermination and improving the production capacity in commercial hatcheries. Soos Technology's solution affects the genetic expression of the reproductive system in genetic male layer embryos and can turn male layers into functional female layers capable of laying eggs.</p> <p>The company's AI-guided incubation system uses a patented combination of temperature, humidity, CO2, and sonic vibrations to control the sex development process in poultry embryos. The solution does not use GMOs, gene editing, or any hormonal interventions. As in other species in nature, the solution mirrors a completely natural process of sexual differentiation driven by changes in environmental conditions.</p>	AgriFoodTech	Pre-seed, Seed	Beta	2017	http://www.soos.org.il	VDL



Quantum Hub Deal Flow - May 2022

	Title	Solution (Short)	Description	Industries	Funding stage	Product Stage	Founded	Website	Partner
20	TripleCyber	Cyber Analytic and Event Management	TripleCyber aggregates network security events and analyzes them in advance, providing a proprietary analysis engine to detect cyber-attack patterns at different attack stages. The company's solution includes a continuous analysis process provided as a centralized service to multiple customers. This connection method facilitates an easy integration with the customer, with no hardware or software installation required.	Industry 4.0, Mobility & Automotive	A	Released	2018	http://www.triplecyber.co.il	Hyundai, Taavura