



Quantum Hub Deal Flow - July 2022

	Title	Solution (Short)	Description	Industries	Funding stage	Product Stage	Founded	Website	Partner
Mobility & Automotive									
1	Mavrik	Car wash application	Smart car care application that saves water and time to the company using a chat bot and private car wash person to each car	Mobility & Automotive	Bootstrap	Released	2022	www.mavvrik.com	Kia Talcar, Taavura
2	Remote Energy	Energy transfer for vehicles	RemotEnergy develops capacitive technology for wireless charging by using electric fields and not inductive.	Mobility & Automotive	Bootstrap	R&D	2022	www.remot.energy	Hyundai, VDL
3	Pentaxi deal	Autonomous Electric VTOL Aircraft for Passengers and Cargo	Pentaxi is developing autonomous all-electric vertical take-off and landing (eVTOL) passenger and cargo aircraft designed to be sold to on-demand commercial passenger and cargo logistics services in the U.S., Europe, and the Asia-Pacific region.	Mobility & Automotive	Seed	R&D	8/2021	https://pentaxi.aero	VDL
4	Publican(Ultra)	Global trade solution for Customs	Publican leverages AI and Data Modeling technologies to generate billions of unique fraud scenarios	Mobility & Automotive, Logistic	Revenues	Released	2016	https://publican.ultra.global/	Kia Talcar
5	DTS	Rail Freight Parcels transport	DTS proprietary Dynamic Coupling technology develop a unique and sustainable Urban Freight Parcels delivery service by Rail	Mobility & Automotive, Logistic	Bootstrap	R&D	2021		Hyundai, VDL
6	ConboAI	Smart Maritime Facility Monitoring	conboAI is developing "artificial intuition" to monitor maritime facilities, mimicking cognitive processes for reliable visual data utilization. The company's technology allows any port or terminal to dramatically increase its operational efficiency and safety using already deployed standard camera systems. conboAI delivers a SaaS-based solution composed of adaptive visual data extraction, analysis, and a hybrid management platform.	Mobility & Automotive, Logistic	Seed	MVP	2019	https://www.conbo.ai/	Hyundai, Kia Talcar, VDL



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7	ANT Machines	Electric robot for logistic terminals	ANT is a sustainable-by-design fully electric and highly manoeuvrable robot for yard operations.	Mobility & Automotive, Logistic	Pre-seed	MVP	2021	http://ant-machines.com/	Hyundai, Maman, Taavura, VDL
Energy									
8	SolAd	Solar Advanced Technology	SolAd's String Balancer (SB) device is an advanced, innovative technology that mitigates the strings mismatch phenomena in a cost-effective way. The SB device enables each string to work at its individual Maximum Power Point Level and as a result the array's yield could be more than 10% higher than the array's yield without the SB device.	Energy	Bootstrap	R&D	2020		Taavura
9	Boson Energy	Converting Non-recyclable Waste into Local Hydrogen	Boson Energy develops solutions for the clean, efficient, and affordable production of circular, carbon-negative hydrogen from otherwise non-recyclable waste and biomass. The price and availability of local hydrogen from waste produced in distributed plants enables both delivery for direct hydrogen use and hydrogen-powered, grid-independent speed-charging for electric vehicles or power grid support.	Energy	Revenues	R&D	2008	https://bosonenergy.com/	Taavura, VDL
10	XtraLit	Direct Lithium Extraction Technology	XtraLit is developing proprietary patented technology for direct lithium extraction (DLE) from low-concentration (10–300 mg/l) aqueous sources.	Energy	Seed	R&D	2021	https://www.xtra-lit.com/	Hyundai, Taavura, VDL
Logistic									
11	CaPow Technologies	Wireless Energy Solution	CaPow provides a solution to provide wireless energy on the go, with vast dynamic freedom of positioning to robots in warehouses	Logistic	Seed	R&D	2018		Hyundai, Kia Talcar, Taavura, VDL



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12	Kargo	Real-time visuals and data on your operations	<p>Kargo offers a smart loading dock to make operations intuitive and responsive using computer vision. Integrating to existing systems & Schedule shipments ahead of time with estimated truck departure times, streamline driver check in & out from dashboard and assign dock doors, automated shipping & receiving towers capture information from any label, barcode, text or image, as freight is loaded or unloaded and update existing inventory system via API, enhance customer service by fight claims and chargebacks with irrefutable data and visual evidence</p> <p>Provide your customers with real-time updates on freight and make DATA-DRIVEN DECISIONS by accessing to accurate, actionable data, analyze trends and make better business decisions.</p>	Logistic	A	Released	2019	https://mykargo.com/	Maman, Taavura
13	Phinergy Marine	Zero-emission power for ships in port	Air Aluminium air battery for marine applications	Logistic, Energy	Revenues, Public	Released	2009	https://www.phinergymarine.com/	Hyundai, Kia Talcar, VDL
14	Pierate.io	Smart quoting platform for Freight Forwarders	<p>Pierate.io has developed an instant low-cost, high-quality platform for shipping quotes, providing freight forwarders with a more manageable, faster, cheaper, and more reliable solution for generating revenue growth.</p> <p>The platform uses machine learning and Big Data analysis to significantly reduce shipping costs, time, mileage, and energy worldwide.</p> <p>Pierate.io's platform collects data from all sources so that sales teams can provide accurate quotes within just a few clicks. Its structured process replaces a complicated manual one and is designed to reduce errors, stress, and inefficiencies while providing a safety net for users.</p>	Logistic, Enterprise software	Bootstrap	R&D	2022	www.pierate.io	Globus, Hyundai, Kia Talcar, Maman, VDL



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Industry 4.0 & Infrastructure									
15	IronComm	AI-powered Communication System	<p>IronComm is an AI-powered smart communication system designed to save time, reduce human errors, and improve complex linear communication processes.</p> <p>The system's interface can be customized for any organizational field while still maintaining its basic elements. It enables network communication that is formed autonomously upon a specific event, with rapid dispatches and deep analysis dashboards that can proactively indicate anomalies and suggest improvements.</p> <p>IronComm was designed originally for military and homeland security applications. The company is currently running a successful paid pilot with the Israeli Ministry of Defense and the IDF.</p>	Industry 4.0	Bootstrap	R&D	2019	https://www.ironcommunication.com/	VDL
16	Snowless	Autonomous snowmelt technology	<p>SNOWLESS is a real-time reactive, autonomous snowmelt technology based on amorphous alloy heating elements. Controlled by predictive modeling algorithm analyzing weather parameters to guarantee superior energy efficiency.</p>	Infrastructure	Revenues	MVP	2018	https://snowlessroads.com/	Hyundai, VDL
Others									
17	Salvador Technologies	Cyberattack Recovery Solutions	<p>Salvador Technologies provides cyberattack recovery solutions designed to enable full system recovery in just 30 seconds. The company's technology is based on air-gapped protected storage and sophisticated data-corruption detection.</p>	Other	Seed	Released	2020	http://www.salvador-tech.com/	MedOne, Taavura, UPS, VDL
18	Capsule Minimal	Eco-friendly, healthy, and economical hygiene products	<p>Capsule Minimal produce and sell water-soluble capsules that contain all the necessary active ingredients.</p> <p>Instead of buying a bottle filled with the product, the user accepts a solid capsule with a volume of only up to 20% of the ordinary product, puts it in a specially designed, reusable bottle, fills it with water from the tap, and in a short time receives a high-quality finished product (shampoo/body soap/hand soap/conditioner/floor cleaner/dishwashing soap / natural home cleaning products/mouthwash, etc.).</p>	Other	Bootstrap	Beta	2022	https://www.capsuleminimal.com/	Taavura