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The Hon. MK **Nir Barkat**
The Minister of Economy and Industry
of the State of Israel



Contents

<u>AID Group</u>	3
<u>AnyComplete Global</u>	4
<u>Arrow Operations and Technologies</u>	5
<u>Carrar</u>	6
<u>Gadfin</u>	7
<u>Gorilla Link</u>	8
<u>Maymaan Innovation</u>	9
<u>Nof Cooling</u>	10
<u>Phinergy</u>	11
<u>Redler Technologies</u>	12
<u>Simtal Nano-Coatings</u>	13
<u>Solar Drone</u>	14
<u>Solutum</u>	15
<u>Qualitest Group</u>	16
<u>3DBattery</u>	17

Company at a Glance

AID Group has undertaken a diverse range of activities across various fields: Media, Food-tech, Fintech, Healthcare and Agriculture and has established a significant presence and demonstrated its proficiency in each of these areas.

Technology & Products

[Agriculture, Biotech] Better Ltd – organic medical cannabis grower in Israel with tens of thousands of patients since 2012. Better developed strains that treat specific disease symptoms (epilepsy, autism, PTSD).

[Foodtech] – AID Foodtech Ltd. – Cultured meat, Precision fermentation, Plant-based proteins.

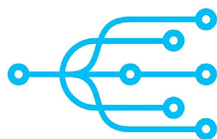
[Healthcare] – AID Genomics – houses genomic R&D, therapeutics, diagnostics business in different regions, e.g. Israel, Japan, Thailand, Italy and so on. Focuses on the development of gene-based molecular diagnostic solutions. The company has invested in several companies and fields in the biotech industry.

[Fintech, Entertainment] – AID Partners –equipped with strong business acumen, in-depth sector knowledge and global deal sourcing network. The company runs 1.5B\$ in total investments in different fields such as media, anime, legendary pictures, gold harvest and Prime Focus (www.primefocus.com) and fintech institutions such as Dave (www.dave.com).

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AnyComplete



AnyComplete Global, Ltd

Sector: FinTech

Company at a Glance

AnyComplete is an Israeli company that has developed an AI-based tool for digital verification and data enrichment that caters to financial institutions and other organizations needing identity verification, KYC, and digital onboarding. The product is based on a proprietary algorithm that receives data such as pictures, names, and phone numbers from private and public sources, matches such data, and creates logical overlaps between that data. As a result, this matching algorithm has created very high quality AI that matches with various meta-data-sources that are used to power data-centric businesses and verticals.

AnyComplete was founded in 2021 and is a completely self-funded startup. With initial customers in India, AnyComplete is looking to grow its customer-base through the FinTech vertical in several use-cases such as KYC, User Onboarding and Verification, and as a utility for banks in their Risk Scoring and Loan Recovery needs.

Technology & Products

Signals, Insight, Action

AnyComplete enables businesses seeking to identify and validate users to operate in an environment of trust and confidence with their customers. Our deep technology coupled with a data set comprising billions of data points enable us to provide our customers with unparalleled signals indicating the profile of their customers and potential customers.

For purpose of user verification, AnyComplete can match user's phone number with public data - for instance - photos, social media accounts, and professional profiles.

THE WOW - give us your phone number - there is a high chance that we will be able to find your name, your social media profiles, pictures, and even additional, related phone numbers.

Contact Information

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Company at a Glance

Arrow Operations and Technologies Ltd. Is a global company with over 35 years of experience in the industry, which specializes in the treatment and reuse of industrial wastewater and sludge using cutting-edge, safe and eco-friendly technology and applications.

Arrow solutions are tailor-made as per client requirements, sustainable and efficient, and are based on Arrow's vast experience in the field.

Arrow's novel approach to solving complex sludge, wastewater and hazardous materials issues, using unique tailor-made robotic systems, have been in use for years, with a long record of satisfied clients, such as Indorama, ICL and more.

Technology & Products

Arrow Operations and Technologies offers an array of solution for the industry, and all solutions can be tailor-made as required.

Arrow's robotic remote-controlled systems allow the cleaning and treatment of hazardous sludge and wastewater to be done remotely.

The Predator – a unique remote-controlled floating dredging system, with the ability to pump sludge from applications such as lagoons from a distance. The Predator can be modified to work in all environments and de-sludges the lagoon without any harm to the lagoon liners.

The Hunter – a remote control undercarriage-based robot, designed to enter and clean sludge even from the most problematic application, in the most efficient way.

For both robots, it is optional to add auxiliary systems such as an online monitoring system, an online hazardous gas alert, cameras and more.

Treatment Facilities – Arrow designs, supply and operate unique treatment facilities, designed to treat wastewater and sludge and recover valuable raw materials.

Contact Information

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Carrar Ltd.

Sector: eMobility (Automotive, Charging Stations, Battery as a service (BaaS))

Company at a Glance

Carrar provides Superior thermal management technology for the automotive market to significantly increase the lifespan and safety of batteries for electric vehicles while allowing a few minutes charging and longer driving range, thereby accelerating EVs adoption.

The automobile industry is rapidly moving towards the adoption of electric vehicles (EV) but battery lifetime, safety and charging time are major obstacles. Batteries have a specific temperature range of operation, where the average temperature should be $\sim 25^{\circ}\text{C}$ any ambient conditions any status of the car and or driver's behavior. Outside the range the batteries could suffer significant performance and lifetime degradation; therefore, a modern, tech-driven thermal management system is a must.

Carrar provides a full thermal management solution (TMS) for electric vehicles including beyond batteries, powertrain (inverters, controllers, sensors) and in-vehicle centralized computing units and ADAS. The system is based on a patented immersion two-phase technology that dissipates more than double heat than current solutions, is simpler (with less components), and weighs less than typical TMS. Carrar solution is applicable to any chemistry and form of battery and electric vehicle.

Technology & Products

Carrar leverages the physical phenomenon of Latent heat when a liquid turns into a gas (similar to air conditions). As a result, Carrar uniquely achieves boiling incipience superheat using very little energy and within a low-pressure system (less than <2 bar) and holds several patents for this technology.

Carrar offers a superb temperature control system that dissipates heat more than double than current best in class solutions; the system is simpler (with fewer components) and weighs less.

Carrar adjusts battery pack temperature level (cooling and heating) (i.e., the boiling level) dynamically, assuring a unified and optimal battery temperature regardless of car mode like ultrafast charging and/or ambient temperature (climate). By controlling cell temperature stable $\sim 25^{\circ}\text{C}$ and with very high heat dissipation, Carrar significantly lowers the chance of thermal runaway and propagation (fire hazard) - the most significant safety concerns of electric vehicles.

Contact Information

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Gadfin
Sector: Automotive

Company at a Glance

Gadfin develops fast, hydrogen-powered drones with a quiet signature for long-range urgent deliveries and scanning based preventative maintenance missions. Our patented technologies redefine delivery capabilities in terms of flight radius, safety, reliability and automation. Among Gadfin's drones is Spirit-One, a long-range delivery drone for 3-6 kg (6-13 lb) payloads that, for the first time, enables effective delivery of medical and other time-critical supplies at low cost.

Technology & Products

Gadfin's platform, engineered from the ground up by Israel's top aerospace industry experts, enjoys a sustainable advantage based on solid IP in aerodynamics solutions for drag decrease, patented folding wings mechanism, an integrated hydrogen fuel cell system, enabling unmatched flight range, and advanced safety systems.

The patented folding wings generate multiple advantages, such as withstanding strong side winds while vertically taking off and landing (VTOL), requiring a small landing pad footprint, and while the wings are spread, the drone achieves unparalleled energy efficiency, extended flight time, and range.

Operated by unmanned autonomous robotic centers and tracked through cellular and satellite communication, our drones comply with international standards, including an emergency parachute and advanced anti-collision technology, enabling BVLOS flight in urban areas.

Contact Information

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Gorilla Link Ltd.

Sector: SpaceTech, Communication, IoT

Company at a Glance

GorillaLink, an Israeli company that has patented software that connects IoT sensors, such as the ones used in soil / temperature / water monitoring in agriculture, to the nearest Low Earth Orbit satellite network automatically – at a fraction of the cost of traditional satcom providers like Starlink or Iridium. This connectivity allows those sensors to transmit data to the cloud and back to a command center so that appropriate actions can be taken.

Technology & Products

Products:

- **G-Switch:** Intelligent Satellite Managed PDUs. Control your tactical equipment beyond line of sight over secured satellite IoT communications. In the modern battlefield, deployment and control of distant, unapproachable electronic devices like cameras, sensors, tapping devices, jammers and more is a key capability. G-Switch enables operators to easily control or switch on/off tactical equipment beyond line of sight over a secured dedicated IoT satellite link with extremely low power consumption.
- **SATcrop:** A reliable and cost-effective choice for precipitation measurements. Easily access accurate and up-to-date local data your crops need anywhere and anytime. The SATcrop's system collects rainfall and soil moisture data using sensors and transmits it directly via satellite networks at any given time. The data is stored on cloud where you can track and monitor it on a tailored analytics platform.
- **Others:** Cattle tracking / animal tracking using satellites IoT, Soil moisture satellite sensor, Truck tracking low-cost with checkpoints

Contact Information

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MAYMAAN

AQUASTROKE™



Maymaan Innovation Ltd.

Sector: Generators, Automotive

Company at a Glance

MayMaan is a technology development company with globally registered patents and is poised to be a major player in the transportation and power generation industries. MayMaan is preparing for the manufacturing stage of its generator products and has Gain interest worldwide from very large strategic customers.

The Innovation Aquastroke™ by MayMaan is a green technology that converts any internal combustion engine, to run on 70% water and 30% ethanol. It is an innovative system, enabling internal combustion engine to efficiently operate in a clean way. It greatly reduces emissions without major infrastructural changes. This technology has unlimited applications and uses throughout the world. An internationally recognised leader in the design and development of internal combustion engines, the FEV Group (<https://www.fev.com>), was engaged for third party evaluation, and verified the technology.

Current Products are: Generators 20KW, 40 KW, 150 KW, Charging Station for EV, 2.0 Liters Car.

Technology & Products

AquaStroke is an innovative system enabling ICE engines to efficiently operate on 70% water and 30% Ethanol - greatly reducing emissions, without major infrastructural changes, and with unlimited applications and uses.

Contact Information

Mr. Avi Shekel, Advisory Board

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NOF Cooling
Sector: Cleantech

Company at a Glance

NOF Cooling is an Israeli start-up in the Climatech domain, which focuses at CO₂ Utilization and Storage.

Over the past decade, we have developed cooling technologies that utilize liquid CO₂ as the primary energy source. We use the experience we have accumulated over the years to provide solutions for the many cooling needs in the industry, including post harvest, precision agriculture and storage.

Technology & Products

NOF Cooling is introducing a small, affordable and very efficient cooling devices, which can cool various mediums (water, air, surfaces) without electricity. The devices is using CO₂ in its liquid form and can generate a cooling temperature of up to -6°C .

Contact Information

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PHINERGY



Phinergy Ltd.

Sector: Cleantech, Renewable Energy

Company at a Glance

Phinergy is a leading pioneer in metal-air technology, turning abundant metals like aluminum and zinc into clean, safe, affordable energy carriers

This revolutionary technology releases the abundant energy contained in metal, allowing various applications to efficiently leverage its high energy density for storing, transporting, and generating clean and safe energy

Born in academia and developed over more than a decade, Phinergy's technology facilitates the transition to clean, sustainable energy that is stable and robust enough for various applications. The impact of our technology led the World Economic Forum to choose Phinergy for a Technology Pioneer award

Phinergy is publicly listed on the Tel-Aviv Stock Exchange (TASE:PNRG)

Technology & Products

Technically speaking, the basic principle that enables metal-air systems to produce energy is the combination of metal, oxygen, and water, oxygen being a key reactant for releasing energy from metal. While conventional batteries carry oxygen in heavy electrodes, our groundbreaking, patented Air-Electrode, enables our metal-air systems to freely breathe oxygen from the air, making them significantly lighter

1. Aluminum-Based Energy Backup

Leveraging multiple technological breakthroughs, our Aluminum-Air backup systems translate aluminum's high energy density into dozens of hours of clean backup energy to various applications such as Telecom sites, data centers, microgrids and more

2. Electric Vehicles

As the world moves into the electric vehicle era with the aim of reducing CO₂ emissions, our groundbreaking Aluminum-Air batteries 'fuel' the vision for a cleaner future.

Our solution supports an EV driving range equivalent to that of an internal combustion engine (ICE), 'refueling' in 5 minutes, without requiring wide deployment of charging stations

Contact Information

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Company at a Glance

Redler Technologies, an Innovative Israeli motion control and power management designer.

Vast experience in motion control within the fields of: Industrial, space, aerospace, defence, and lastly within the 2-3 Wheels EV, for power train solutions, Motion Control units. Approved capabilities with Indian EV 2 wheels OEM, motor makers, integrated products, and motion services, for design and support customers.

Technology & Products

Electrical motion control, HW, SW, FW products design and unique tailored solutions, Electronic power management, 7 registered patented technologies, Motion controllers, DC-DC converters, IOT communication and capabilities, sensors. Experts on Automotive electronics technologies.

Contact Information

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Company at a Glance

Simtal has positioned itself as one of the world leaders in the field of Parylene conformal coating applications. We provide ultimate nano-coating solution for devices of various fields, including medical devices, space, military, aircraft, electronics, MEMS, automotive, communication and more.

Simtal acquired a lot of knowledge and experience in supporting vast amount of application and in multi discipliner fields. Our experience led to many specialties which upgrade the CVD coating process, all of them are internal propriety information.

Technology & Products

In the air, under the sea, in the desert or in outer space Parylene gives a superior solution to multidiscipline challenges. Simtal advanced coating process allows the developer to comply all spec requirements such as:

- Humid, chemical and gasses protection
- Friction coefficient
- Ultimate conformity and penetration
- Flexibility and elongation
- Optical transparency
- Micro encapsulation
- High thickness to BV ratio
- Inertness
- FDA/CE approvals
- Large spectrum transparency (RF, IR, gamma and more)
- Tin whiskers Protection

Our nano-coating major advantage is its synergism between all above mentioned characters. One quality does not degrade any of the others.

We comply with standards such as: FDA, NAMSA, CE, MIL-SPEC, especially MIL-I-46058 TYPE XY, IPC, ISI, ISO-9001 and many more.

Simtal continues to concentrate on technical improvements, R&D in an "environmentally and friendly manner". The company maintains and nurtures its reputation as the world's leader in the field of polymer applications, especially with the specific expertise in Parylene.

Contact Information

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Solar Drone LTD
Sector: Cleaning Solar Panels

Company at a Glance

Changing the future of Solar Panel Cleaning

Solar Drone LTD has been empowering the Solar Power revolution since 2020, focusing on development of all year-round State of the Art, One-Stop-Shop, end-to-end fully autonomous drone-based technology for planning, monitoring, maintaining, securing, and cleaning solar panels.

Solar Drone is a pioneer and world leader in developing “Drone in a Box” systems, based on advanced technologies such as Image Generation, Artificial Intelligence, Machine Learning, Data Mining, Real Time Analysis and Alerts, Cloud and more, that increase PV, operational and asset efficiency and reduce costs.

Technology & Products

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. #solar drone is a pioneer and world leader in developing “Drone in a Box” systems, 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.

Contact Information

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Solutum Technologies Ltd.

Sector: cleantech

Company at a Glance

Solutum is an innovative cleantech company that aims to eliminate plastic pollution by providing sustainable packaging. Solutum has developed a patented material that can be engineered to create a range of flexible packaging with the most versatile end-of-life on the market.

Technology & Products

Solutum soluble and biodegradable film has superior mechanical properties, high tensile strength, strong impact resistance and will dissolve in water at ambient temperature after a predetermined and controlled dissolution process. Solutum materials can be manufactured on existing machinery to provide seamless supply chain integration with no need for CAPEX.

Contact Information

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QUALITEST

Qualitest Group

Sector: Agnostic (IT services)

Company at a Glance

Qualitest is Israel founded company and the world's largest AI powered Quality engineering company, with ~8,000 quality engineers worldwide. We deliver projects both directly at Client locations and remotely from Qualitest-owned 36 locations across the globe (Americas, EMEA, APAC). For over 25 years, we've been helping clients deliver high quality products, enabling businesses to reduce the risk, time, and costs of implementing vital IT solutions by engineering Quality from inception, conducting Quality Assurance Software Testing across SDLC and pioneering in building modern Digital engineering services. We are providing our services to 400+ clients across the globe with vast experience in several industries (Technology, Public, Defense & Aerospace, Banking, Financial Services, Healthcare & Life Science, Energy & Utilities, Cyber, Automotive, Retail and more). Gartner recognized Qualitest for 6 years consecutively as a visionary, been positioned as Star Performers in Everest's group assessment and won 6 awards in the 2022 European & Americas software testing awards..

Technology & Products

Qualitest service offering divided to (1) Quality engineering services in the areas of cloud, IoT, AI, Data science, security, ERP quality, automation, performance, accessibility and quality management. (2) digital engineering areas of application development & modernization, technical support, product engineering, AR/VR device assurance, pre/post silicon design, DevOps and Ground Truth Data Assurance. We are leveraging our internal Qualitools (AI, Automation, robotics, data, knowledge), technology leadership with 10 technology centers of excellence (India, Israel and Europe) and provide best-in-class solutions across industries. By 25 years of experience and global leadership mindset, Qualitest provide continuously delivery excellence, innovate methodologies and best practices.

Contact Information

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3DBATTERY

3DBattery Ltd.
Sector: Energy, power devices

Company at a Glance

3DBattery (3DB) was founded in 2018 by Mr. Erez Schreiber, CEO. 3DB designs, develops, and manufactures environmentally friendly energy storage solutions. Through innovative research and smart material engineering, we produce batteries that are reliable, greener, and cheaper compared to traditional batteries. 3DB technology versatility and product innovation allow rechargeable batteries for a wide range of applications, from small electronic devices, over micromobility and EV to stationery and energy storage for GRID.

Technology & Products

3DB's developing rechargeable Li-ion batteries with innovative chemistry consisted of unique high-load high-silicon content anodes with a proprietary coating and high-load NMC cathodes. 3DB's batteries present superior performances and dramatic increase in batteries' energy density to more than 1100Wh/L and 380Wh/kg, and enable ultra-fast charging above 6C or <10 minutes charge to 80%. 3DB allows seamless integration into current commercial production lines. 3DB is developing the next generation of liquid electrolyte to keep a future competitive edge for 3DB. In parallel, 3DB R&D team is developing a next generation sodium-ion battery technology using innovative approach to raw materials synthesis, formulation and integration into a breakthrough sodium/manganese cathode and carbon phosphorus anode chemistry.

3DBattery has 3 products ready for scale up and mass production:

INR21700 NMC-Gr cells offer > 5000 mAh capacity.

IFR21700 LFP-Gr cells offer > 3000 mAh capacity.

ISR21700 NMC-C-Si cells offer > 6500 mAh capacity.

Contact Information

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