

Virtual Event





ENERGIAIL ENERGY TRANSITION FROM MAY 25-26 | 2021 THE LAND OF INNOVATION

industry leaders, experts, and multinational corporations **Energia IL 2021**, May 25-26, is the first, fully and biggest virtual international conference & exhibition for applied innovation in the Energy industry in Latin America, supporting energy transition & digitalization and promoting renewables'

Renewable

Foreign Trade Administration at the Ministry of Economy and Industry is aimed at bringing together disruptive start-ups,

Low-Carbon

This event, initiated by the Israel Export Institute and the

integration combating climate change.

to collaborate and discuss cutting edge products and technologies. Join us to live conference sessions and workshops to learn

about how to tackle the industry's new challenges, get updated on emerging technologies and solutions, and get connected directly with potential partners and stakeholders. Energia IL 2021 conference >

Renewable

Micro Grids

Digitalization

Management **Storage** Operation &

Demand

COMPANIES BY CATEGORY

Energy

Smart Grid

Solar Energy

	& Climate Resilience	Energy Optimization	Management & Energy Efficiency	Storage	Operation & Monitoring	Solar Energy	Heat (Residential & Industrial)	& Off-Grid	& Big Data
3DBattery	•	•		•				•	
Addionics				•					
Apollo Power		•				•			
<u>AugWind</u>			•	•	•				
Brenmiller Energy		•		•			•	•	
<u>Chakratec</u>				•					
Cloud of Things		•		•	•	•			•
<u>Ecoppia</u>	•	•				•			•
<u>Fsight</u>		•		•	•			•	•
GenCell	•	•						•	
GoArc			•						•
Magen Eco Energy		•				•	•		
Metrycom		•			•			•	
mPrest		•	•		•				•
<u>Ormat</u>		•							
Percepto		•	•		•	•			•
Phinergy	•		•					•	•
Phoebus Energy	•	•	•		•				
<u>Pixtier</u>					•				•
Prisma Photonics		•			•				•
Raycatch		•	•						•
Reali Technologies		•	•		•	•			•
Satec		•			•			•	•
<u>ShieldIoT</u>					•				•
Solight	•							•	
Sowillo Energy		•	•			•	•		
<u>Tigi</u>				•			•		

<u>Metrycom</u>	•					•	
mPrest	•	•	•				•
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<u>Percepto</u>	•	•	•	•			•
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Solight	•					•	
Sowillo Energy	•	•		•	•		
<u>Tigi</u>			•		•		
3DBATERY	3DBattery: We build the batter The world is striving for better grows exponentially. 3DBatter performance Li-ion batteries, de The 3DB's cells are capable of c	Categories: • Low-Carbon & Climate Resilience • Renewable Energy Optimization • Energy Storage • Micro Grids & Off-Grid					
www.3dbattery.co.il	technology. Contact us to learn		-				Back to Categories
/DDIONICS	Addionics: We create the next Addionics invented a revolution battery performance. By utilizing 3D metals production and a uning charging time, lifetime, safety, improve batteries focus on charging chemistry agnostice.	o-change in g process of ry capacity, re trying to makes our					

www.apollo-power.com

AUGWIND

www.aug-wind.com

www.addionics.com

any kind of battery chemistry.

Using elastic components and the AugWind installation process, the company's large-volume tank is cost-efficient and able to harness the Earth's geomechanical properties to hold compressed air at high pressures.

Brenmiller Energy provides sustainable thermal energy storage solutions. Our awardwinning patented technology is based on storing heat at high temperatures of up to 750°c

in crushed rocks. Energy Storage unit charged from a Biomass energy source or from an

electrical source and delivers energy on demand in the form of steam, hot water, air or

Brenmiller Energy: A unique kinetic energy storage technology

stations anywhere, including locations with a weak grid.

Ecoppia: A world leader in robotic cleaning solutions for PV

AugWind: Israeli technology revolutionizing energy storage by storing compressed air

AugWind develops and installs large-volume underground storage vessels designed to break

the production-consumption link and enable full optimization of the compressed air system.

Apollo Power: Transforming every surface under the sun to an energy producer

Apollo Power is an innovation company in the field of Energy. We utilize our propriety technology to produce a flexible, durable, lightweight solar film to solve different energy challenges in a new way, both on water, in the air, for infrastructure, or in the automotive.

> Renewable Energy Optimization Energy Storage

Energy storage solutions

Demand Management & Energy

Smart Grid Operation & Monitoring

Solar Energy

Efficiency

Industrial)

Energy Storage

www.bren-energy.com

electricity. Chakratec: A unique kinetic energy storage technology Chakratec has developed a unique kinetic energy storage technology, which enables

unlimited high power charge and discharge cycles. Utilizing our proprietary Kinetic Power Booster technology, Chakratec facilitates the deployment of fast and ultra-fast EV charging

smarter and more profitable, leveraging advanced data analytics to create actionable

With over 16GW of signed agreements, Ecoppia (TASE: ECPA) is a pioneer and world leader in

robotic solutions for photovoltaic solar. Ecoppia's cloud-based, water-free, fully autonomous

robotic systems remove dust from solar panels on a daily basis leveraging sophisticated

technology and advanced Business Intelligence capabilities. Ecoppia's proprietary

algorithms and robotic solutions make day-to-day O&M safer, efficient and reliable.

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www.chakratec.com

cloudofthings

www.cloudofthings.com

products smarter Cloud of Things is an IoT and innovation company focused on the digital transformation of products and services leveraging its IoT platform. Based in Israel and the U.S., the company works globally with product and utility companies to make their products and services

Cloud of Things: An IoT platform that helps Product companies to make their

business insights. Plug & Play features provide an instant prototyping experience.

Energy Storage Smart Grid Operation & Monitoring Solar Energy

Digitalization & Big Data

Renewable Energy Optimization

www.ecoppia.com

Fsight: Distributed energy management platform powered by artificial intelligence The platform provides accurate energy forecasts, optimizes the operation of distributed energy resources (DERs) and unlocks new trading options. By connecting DERs to FSIGHT's cloud-based platform, energy efficiency increases, grids are better balanced and energy costs are reduced.

 Renewable Energy Optimization Solar Energy Digitalization & Big Data

• Renewable Energy Optimization

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Low-Carbon & Climate Resilience

www.fsight.io

 ☑ GENCELL

www.gencellenergy.com

GenCell alkaline fuel cells deliver zero-emission power for business continuity. GenCell's ultra-reliable, zero-emission alkaline fuel cell solutions offer affordable, clean power for humanity that renders diesel generators obsolete. Our backup solutions provide power for utilities, homeland security, healthcare and automated industries. Our off-grid power solutions extract hydrogen-on-demand from low-cost anhydrous ammonia (NH3) for remote telecom as well as for other varied rural electrification applications.

GoArc: Improving risk management, EHS performance and workforce engagement

GOARC delivers a digital safety solution with company-wide, real-time, centralized data visualization providing a 360-degree view on the workforce and assets, improving risk

with GOARC's safety solution

Exchangers and Pre-Heating solutions.

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www.go-arc.com

management, EHS performance and workforce engagement. Extracting real-time asset data from existing enterprise systems, third-party sources (IoT) and direct data provided by the connected workforce and employees across the company allows for the optimal execution in dynamic industrial environments. Magen Eco Energy: International manufacturer of solar heating systems

MAGEN, In the nearly forty years since the company was founded, has grown into a world leader specializing in the R&D, production, and marketing of ecological, economical

solutions for each of its major product lines: Solar Heating for Swimming Pools, Solar

Heating Systems for domestic use, Natural Salt Chlorinators, Industrial & Agricultural Heat

Metrycom: Smart-grid sensors & analytics solutions for detection & prediction of

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www.magen-ecoenergy.com Metrycom

www.metrycom.com

Metrycom provides advanced smart-grid sensors & analytics solutions to power utilities for detection & prediction of faults. The system reduces the duration of outages (SAIFI), reduces the number of faults in the grid, reduces maintenance costs, increases safety, and provides visibility of all parts of the grid including in network with high penetration of distributed energy resources (DER) mPrest: Real-Time Orchestration & Optimization Software mPrest's applications suite, includes Distributed Energy Resources Management, Asset Health Management, Criticality and Risk Assessment, Critical Infrastructure Protection and

Integrated Operations Center, all are deployed on-premise or on the cloud in record time

in the most forward-looking and efficient organizations worldwide, including some of the

Micro Grids & Off-Grid



www.ormat.com

mlrest

energy storage. We design, build and supply power generating equipment for our customers' geothermal and recovered energy power plants in 30 countries. We understand our customers' operating challenges, because we are operators too. Our vertically integrated structure enables us to leverage our renewable energy expertise, our core capabilities, and our global experience to supply and develop geothermal, recovered energy, and energy storage solutions.

Percepto is pioneering truly autonomous industrial sites inspection, redefining how assets and critical infrastructure are holistically, comprehensively inspected and monitored.

Leveraging years of market leadership in visual data management at some of the world's

largest industrial sites, Percepto harnesses remote robotics to provide an end-to-end

Percepto: Automating industrial site visual inspection and monitoring

Phinergy: Clean energy generation and storage from metals

solution - from capture to Al-driven insights.

Phoebus Energy: Hot water energy saving



www.phinergy.com

roll-out at telecom sites), range extension for electric vehicles with a 5-minute charging process (prototype phase), and low-cost renewable energy storage (R&D stage).

Hydra Balance is a unique hybrid water heating and cooling system designed for commercial facilities that operate central air conditioning systems year-round. Equipped with a self

contained water heat pump, it utilizes the thermal energy discharged from existing

Pixtier enables electricity and communication companies to go Digital Twin. Through it's

Prisma Photonics: Making long-range utilities and physical infrastructure smarter

Prisma Photonics offers a 'sensor-free' approach, making physical infrastructure smarter.

Using next-generation fiber sensing and leveraging pre-installed fiber optic cables, we

monitor oil&gas pipelines, electrical transmission lines, borders, railroads, highways, and more. With Prisma Photonics Hyper-Scan Fiber-Sensing™ the fiber becomes the sensor

covering a variety of safety, security, preventive/predictive maintenance use cases.

Raycatch: AI-driven digital asset management system for solar PV assets

Phinergy's energy systems, based on the company's proprietary metal-air technology, use

metals such as aluminum and zinc to generate and store clean and affordable energy, on-

demand. Applications include clean energy backup for critical infrastructure (commercial

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www.pixtier.com

any asset, aggregate data, visualize & analyze. The technology empowers companies to execute data-driven decisions leading to manpower cost reduction, efficient maintenance planning, and operations optimization.

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Founded in 2015, Raycatch is an Israeli startup that has developed an innovative, Al-driven Raycatch

www.raycatch.com

www.prismaphotonics.com

digital asset management system that automates and optimizes solar PV assets, making renewable energy more efficient, accessible and profitable. Raycatch system, DeepSolar, delivers a 360° view of the solar assets and shows exactly where are the performance issues, how to solve them and whether fixing them is a worthwhile investment.

& water facilities around the world.

savings of up to 40%.

buildings

ShieldIoT: Secure mass scale smart grid networks

Reali Technologies: Real-time comprehensive remote control & data management for remote facilities. Whether you manage energy facilities in a regional, national or global deployment, RealiteQ allows you to perform it securely from anywhere, any time. Being an advanced holistic system, it combines unique IIOT & SCADA technologies, together with AI and PM. RealiteQ

has interfaces for control centers and mobile devices & is installed in thousands of energy

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Satec: Providing advanced bespoke solutions for power and power quality SATEC Powerful Solutions

www.satec-global.com

CshieldIOT

Real Time Remote Control and Monitoring

www.realiteq.com

monitoring SATEC is an Israeli developer and manufacturer of specialty solutions for power/energy metering (AC and DC) and power quality monitoring. For over 30 years SATEC has been providing advanced power telemetry solutions for utility substations (including fault recording, WAMS etc.) and energy efficiency optimization for the industrial and commercial market (hardware & software). Our unique solutions offer edge in flexible and modular design at high performance per cost.

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www.shieldiot.io

Soliont

www.solight-energy.com

PVs...) across any network/protocol, with no need for any network changes or development resources. The software solution provides up to x20 higher detection accuracy and is scalable to networks of millions of devices today. Solight: Channelling healthy natural sunlight indoors, saving energy, boosting wellbeing. Solight developed a highly efficient, fully static, patented, solar collector delivering healthy,

energy saving sunlight indoors; with unparalleled flexibility and price/performance. All SOLIS models deliver constant full visible spectrum lighting from 08:00 till 16:00, with controlled heat or UV, offering the multiple recognized benefits of natural lighting, with electricity

Sowillo Energy: Hot water management and optimization for centralized systems in

Current shared solar water heating system in buildings are not optimized and mismanaged, causing up to 60% increase in hot water bills for tenants and excess costs on maintenance.

Sowillo improves solar-thermal systems efficiency by adding own easy-to-install IoT devices

and converting any type of such centralized water heating systems to an intelligent one,

ShieldIOT Coreset-AI Network Security anomaly detection solution enables utilities to

protect and manage any grid device (smart meters, aggregators, EV charging stations,

 Low-Carbon & Climate Resilience Micro Grids & Off-Grid

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Industrial)

www.sowillo.com

www.tigisolar.com

which optimizes every aspect of water heating systems performance. Tigi: Renewable heat as a service for industrial and commercial users TIGI provides turn-key renewable heat solutions for industrial, agricultural and commercial users. The company developed a novel solar thermal collectors that efficiently generate heat for high target temperatures even in cold climate conditions, and a highly scalable solution. The solution, proposed also in Energy-as-a-Service model, dramatically reduces energy cost and emissions. TIGI is traded on the TASE.

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Energia IL 2021 conference >

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