



# **New Energy Pitch & Meet | 20.1.21**

## **Renewables & Storage Companies Catalogue**

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India - Israel • 2021  
Israel Export institute | Foreign Trade Administration



ISRAEL EXPORT INSTITUTE

## The Cleantech and Smart Infrastructure unit, Israel Export Institute

The Israel Export and International Cooperation Institute (IEICI) is your premier gateway for doing business with Israeli companies. Established and funded by the government and the private sector, IEICI's expertise in technology and product scouting, joint ventures and strategic alliances with Israeli companies spans more than half a century. With expertise in Israel's leading Industries, IEICI offers access to relevant businesses and government resources and provides the information you need to connect, negotiate and do business.

This catalog demonstrates a sample of the Israeli abilities and know-how of the thriving Energy sector, and as IEICI has an intimate acquaintance with the Israeli exporters, we are here to support and integrate you into this growing industry.

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Ministry of Economy and Industry  
Foreign Trade Administration

## Foreign Trade Administration, Ministry of Economy and Industry

The Foreign Trade Administration (FTA) at the Israeli Ministry of Economy and Industry manages and supports Israel's international trade and trade policy.

Through our headquarters in Jerusalem together with over 40 economic and trade missions in key financial centers throughout the world, the FTA promotes Israel's economy worldwide.

Israel's economic and trade missions are at the forefront of the Israeli government's efforts to boost our industries in foreign markets. Our team of highly experienced economic representatives and business consultants provide a wide range of services to Israeli companies and to the international business community.

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## Addionics

[www.addionics.com](http://www.addionics.com)

### ADDIONICS

#### Energy Storage:

The Next  
Generation of  
Rechargeable  
Batteries

All lithium-ion batteries today have multilayered electrode structures where battery materials are applied on thin metal foil current collectors. Addionics pinpoints a specific weakness in today's traditional architecture of batteries which has been overlooked for 30+ years and will replace it with our smart 3D structure designed for end performance. By doing so, we overcome the internal resistance, a fundamental limitation and degradation factor in standard batteries.

## Brenmiller Energy

[www.bren-energy.com](http://www.bren-energy.com)



#### Energy Storage:

Clean Thermal  
Energy  
Storage  
Solution

Brenmiller Energy has developed a storage-based generation system that combines thermal storage, inherent heat exchanging, and inherent steam generation in one unit. Its thermal storage-based generation system offers storage prices of one to two cents per KWh stored. In addition, Brenmiller's system can accept multiple heat sources as fuel, renewable and otherwise, and is not limited by availability. As a result, energy demand can be precisely matched to all available energy resources, enabling the delivery of energy on demand and bridging the gap between renewables and conventional power.

## mPrest

[www.mprest.com](http://www.mprest.com)



#### Energy

#### Management:

Energy  
Monitoring  
and Control  
Software

mPrest's monitoring and control solutions for ties "connect the dots," delivering a uniform picture on a single information grid. The solutions include a rules engine for incorporating changes and updates easily and rapidly in order to leverage the individual systems and optimize overall operations.

## NrgStorEdge

[www.nrgstoredge.com](http://www.nrgstoredge.com)



Energy Storage:  
Hydrogen-  
based Energy  
Storage

NrgStorEdge redefines hydrogen energy storage. A real-green technology, operating with extremely low energy consumption in near-to-room conditions, it uses water as a safe storage medium. NrgStorEdge unprecedented cost-effective solution, solves the most critical challenge of the hydrogen economy, the overall well-to-wheel energy efficiency. NrgStorEdge technology unlocks the potential of hydrogen for a 2.5 trillion-dollar market.

## Raycatch

[www.raycatch.com](http://www.raycatch.com)



Renewables:  
AI Diagnostics  
System for PV  
Plants  
Analyzing &  
Controlling

Raycatch is an AI SaaS diagnostics technology enabling the automated management of solar assets. The Raycatch app, DeepSolar, analyzes production data on a daily basis and aims to generate a full diagnostic mapping of all components in a PV portfolio. DeepSolar's ROI-driven and fully quantified insights include information about panels under warranty but below the spec, maintenance on demand (dust and grass), disconnected cables, PID, temperature coefficient, MPPT/inverter efficiency, and tracking systems.

## Vigdu



Renewables:  
Potential  
Induced  
Degradation  
(PID) Solutions  
for Solar  
Panels

Vigdu Technologies is a pioneer in Photovoltaic (PV) energy solutions. We develop products and technology that maximize the value and yield of our customers' PV investment. R&D is the backbone of our organisation. Our team is dedicated to delivering the best solutions to our clients. By using the most up-to-date technologies, we create new designs as well as improve our existing products. Vigdu has become the partner of choice for customers globally.



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