



Project Overview:

H2 Energy Now is developing the world's most efficient and cost-effective hydrogen energy storage system. We have a working proof of principal prototype.

- **The Need** – Significant quantities of Intermittent energy (wind/solar) which is produced is not being used because of low need, and are tied to production instead of market need.
- **The Solution** – H2 Energy Now's product stores hydrogen energy by separating water by using radio waves. When power is required, stored hydrogen is converted to electricity. More efficient 88.9% vs solutions presently in the market.
- **Features and Benefits:**
 - Small amount of water creates a large amount of hydrogen
 - Prototype functions for both salt and fresh water
 - Unique process that utilizes existing technology (radio waves) for a new purpose
 - Our customer: power becomes available 24/7, grid stable
 - Our customer: shortens their payback on their investment in half

Industry/Market Overview:

- **Addressable Market:**
 - **TAM** from Smart Energy. Com 2025 report stated energy storage market to grow to \$500 Billion by 2025.
 - **SAM:** The initial market is 9,000 wind and solar farms in the United States, Europe, Japan and China.
 - **SOM:** share of Market \$2 Billion 2% market in 5 years.
- **Go-to-Market Strategies:**
 - **Strategic partnerships:** Based upon meeting their efficiency rates interested partners include: several multinational corporations, Solar farms in France, Wind farms in Netherlands and Germany.
- **Business Model:**
 - **Licensing:** This is a worldwide product and the use of the technology will be licensed to select regional players in the clean technology market.

Competitive Landscape:

- Direct competitors: (hydrogen storage companies): ITM Power <http://www.itm-power.com/>
 - Our product is 29% more energy-efficient in the creation of hydrogen energy.
 - Due to our process not utilizing precious metals our capital costs are 25% of our competition.
- Indirect competitors (battery storage companies):
- ABB; <http://new.abb.com/us>
 - Fluence Energy; <http://fluenceenergy.com/>

Contact:

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The Team:

Sonya Davidson – CEO Founder

- 5 academic business & science degrees
- 10 years of energy research

Looking for an engineer to help develop the technology.

8 Advisors 2 Mentors 350 years of experience

Current Status:

- Proof of Concept
- **Patents Granted:**
- USA 10,301,178 B2 29/05/19
- EU 13849162.6 19/09/19
- GB, France, Germany 2020 granted
- Commercializing the prototype;
- 18 months from market

Key Investment Merits:

- Experienced and dedicated team with multiple high-profile advisors
- Founder invested \$120,000
- Recognized leader in clean tech, awarded \$50,000 worth of 3D modeling software from Auto Desk 2015 - 2019
- Membership Israel Advanced Technology Industries

Funding Requirements:

Seeking \$ 1 mil to be used for:

- R&D
- Employees
- Materials
- Laboratory fees
- Testing verification
- Regulatory standards

2019 MEA Markets Energy Storage Company of Year
2019 Global Entrepreneur Summit representative
2019 Adobe Accelerator
2018 NASA I Tech Finalist
2018 Solution Nation highlighted Company
2018 Founder Israel 70 extraordinary Women
When you can effectively store energy, You can change the world!