



New Motion Charged Batteries Startup

Enervibe is part of Capital Nature's accelerator program. The company was established in 2018 by a closely related team of entrepreneurs - Dr. Dan Haronian, a physicist, who already has an exit on his resume, and his son, Michael Haronian, a B.Sc in machine engineering.

Enervibe develops a Micro-Electro-Mechanical chip, that is capable of converting kinetic energy into electricity by using the vibration caused by human or machine movement. For example, the chip will be able to provide power to the air pressure and heat sensor systems in a car's wheels without drawing on the power supply of the vehicle; smart watches using the chip will not require a battery; wireless sensor networks will use the chip in systems as diverse as managing cattle herds and monitoring the condition of bridges and of aircraft wings -- all without ever needing to replace batteries, a need that increases systems costs substantially.

The company is currently developing a prototype with two factories in Europe, with the intention of starting trials by mid-2019. As that proceeds, Enervibe is also developing their business relationships around the globe to create development collaborations and receive feedback on the product.

In the course of 2019 and before its exit from the incubator, the company will begin another round of recruitment to expand its development and manpower.

[Enervibe Website](#)



Round Table Meeting

On March 13, 2019, a round table event took place at the King Solomon Hotel in Eilat as part of the "Growing Israel" Project led by Nir Barkat, former mayor of Jerusalem, and today a Likud Knesset candidate, together with the Porter Institute of Harvard, the Israeli Kohelet Policy Forum and a number of philanthropists.

The idea on which the project is based is to advance growth engines for the Negev, Judea and Samaria, and the Galilee, taking into account the relative geographical advantages of each region >>

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The Natural Gas "Bridge" to Sustainability May Be Shorter Than Expected

For around 10 years, the conventional wisdom in the energy sector has been that natural gas is ascendant. Coal is dirty, and is getting expensive, but it's too early to jump all the way to renewable energy. To get from the fossil fuel present to the renewable future, we will need ... a bridge.

In its role as a bridge, natural gas seems to have a comfortable future. First, it will replace coal and nuclear "baseload" plants, and then, as renewables grow to supply the bulk of power, it will provide flexibility, filling in the gaps where variable renewables (wind and solar) fall short.

Or so the story goes... >>

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Grants for two projects in the Arava

Two grants were received from the leverage track of the Israel Innovation Authority for local entrepreneurs who work in the framework of the Manbeta accelerator program in Hevel Eilat.

One is for the Oryctes Sinaiticus trap – an insect trap developed by members of Kibbutz Samar based on UV lighting with no use of poisons and with no need to connect to the electrical infrastructure. This pest, a beetle with a rhinoceros-like horn, has spread in recent decades in the Middle East and North Africa, and it causes damage to many palm trees (young saplings are particularly susceptible).

The second is an innovative way of removing pigeons – a shelf product based on air pressure, which does not make a mess, as a solution for problems created by the presence or nesting of pigeons. This solution is self-charging, compact and inexpensive.

For more information, please visit the Manbeta website (Hebrew).

[Manbeta Website](#)