

The Enel AI& Robotics Lab aims at cooperating with Israeli startups to boost innovation in the field of AI and Robotics applied to renewables and power distribution network...

He is a Professor of Electronics and Energy management at Ben-Gurion University of the Negev, with over 200 peer-reviewed publications. He is the founder of the largest and most prominent research group of power electronics in Israel with \$10M+ in funding. His 20+ registered patents have been licensed by global companies.

To date, AES has installed 10 megawatts of solar panels with its robots, about enough to power 2,000 homes. The company plans to use Maximo to install 100 megawatts by 2025, though that is still a ...

Airtouch Solar, founded in 2017, uses robots to dry-clean solar panels. In doing so, the company enables solar energy companies to reduce their water usage, saving money and...

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Solaris Hydrobotics develops and sells water-powered, autonomous robots for cleaning the solar panels of agricultural fields and rooftops, commercial rooftops, small solar fields, and floating PV systems. Our autonomous cleaning robots ...

Robotics is now becoming an increasingly crucial tool in the energy and utilities segment for keeping their operations functional and optimised, especially during events such as the Covid-19 pandemic, when remote monitoring of power infrastructure with minimal operators on-site was made possible with the help of robots and drones.

Airtouch Solar's design is unique, but it does have competitors in China and in Israel - most notably Tel Aviv-based Ecoppia, a nine-year-old industry pioneer that recently won an Environment + Energy Leader Award for its H4 waterless PV panel cleaning robot. Solar energy is a hot technology these days, while water is a dwindling resource ...

Ecoppia provides a solution in the form of autonomous, waterless robots, which are managed through the cloud, and clean panels every night after production stops, the company said.

Pinhas Rutenberg's power station, Naharayim Throughout Israel's history, securing the energy supply had been a major concern of Israeli policymakers. [12] The Israel Electric Corporation, which traces its history to

1923, with the First Jordan Hydro-Electric Power House, is the main electricity generator and distributor in Israel. [13]Petroleum exploration began in 1947 on a ...

The company develops photovoltaic technology by which solar energy is converted to electrical energy using solar panels. It also operates wind turbines which convert the kinetic energy from the wind into electricity. Enlight Renewable undertakes and develops various solar energy, wind energy and hydropower projects. The company's project ...

Israel-based Ecoppia, which provides robotic cleaning solutions for photovoltaic solar, has announced a new collaboration with ENGIE, a French multinational utility company. The partnership is for its 181.25 MW (AC)/199.8 MW (DC) Coya Solar PV Plant in Chile's Antofagasta region, which is the energy firm's largest project in northern Chile.

Airtouch Solar will supply its autonomous and water-less cleaning robot to Avaada Group, India's leading renewable energy supplier, for the next 25 years. The robots use microfiber wipes and wind-blowing technology to remove dirt and soil from solar panels. The company's software can also predict problems in advance and reduce failure rate.

Israeli robotic cleaning firm Airtouch has signed an agreement worth 2.5 million USD for the supply of cleaning robots for solar panels to India's renewable energy firm, Adani Green Energy Ltd (AGEL). This is the first agreement between the firms, which carries the potential to expand the collaboration. Tal Laufer, CEO of Airtouch Solar Group, [...]

An undated photo provided by AES Corporation shows the company's Maximo robot. To date, AES has used robots to install 10 megawatts of solar panels, about enough to power 2,000 homes.

Enlight Renewable Energy is a global renewable energy developer and independent power producer. Founded in 2008, it develops, designs, constructs, finances, owns and operates power plants that generate clean energy across the US, Europe and Israel. Formerly known as Delek Drilling, NewMed Energy is a gas and oil exploration company.

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