



# Future50

Energy

Grid Management



EMROD



[www.emrod.energy](http://www.emrod.energy)

#BuiltEnvironment  
#ClimateTech

## Highlights

EMROD has been accepted into the **European Space Agency (ESA) Business Incubation Centers (BIC) programme**.<sup>92</sup> The company received an R&D grant from **Callaghan Innovation**,<sup>93</sup> a New Zealand government organisation, and an Ara Ake Grant from the New Zealand Energy Innovation Agency.<sup>94</sup> They were runners-up at the **Middle East Energy Startup Competition**.<sup>95</sup>

## Strategic alliances:

- Space Agency
- Government Agencies
- Energy Companies
- Telecommunications Companies

## List impact technologies:

Solar Power, Wind Power, Renewable Energy Generation, Renewable Energy Distribution

## Headquarters:

New Zealand

## Middle East operational countries:

United Arab Emirates

## Summary

EMROD is a technology company looking to transform the energy sector by introducing long-range **wireless power transmission**, which enables the safe and efficient transfer of large amounts of power wirelessly over long distances.

## Impacts

EMROD's proprietary technology uses electromagnetic energy for long-range wireless power transfer. It seeks to send power to remote areas and locations where traditional power line infrastructure is not viable, thereby providing **access to remote renewable energy sites**.<sup>90</sup> EMROD recently completed transmission tests at **Airbus Germany** to help explore how to cost-effectively deliver potential solar energy generated in space.<sup>91</sup>

