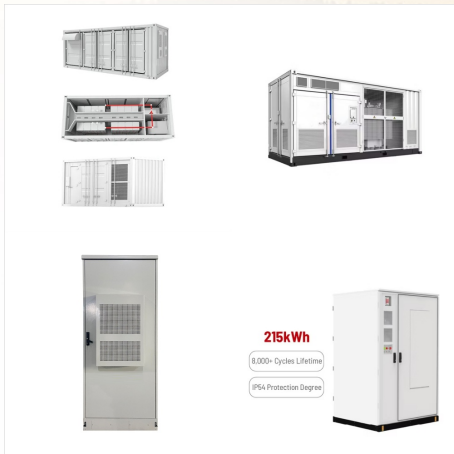




Accordingly, the Palestinian Energy Authority has prepared a strategy for renewable energy as an important part of the resources matrix, where Palestine needs clean and more secure supply of electrical power.



The energy sector in Palestine aims to advance in all its branches: generation, transmission, and distribution to achieve the Energy Authority's mission of (i) preparing and developing appropriate policies and legislation to achieve sustainable energy security under international best practices; (ii) building an energy system capable of meeting



In addition to creating employment opportunities, reducing poverty, and fostering the aspirations of Palestinian youth, RE can lay a solid foundation for an independent Palestinian state. This study presented a comprehensive on-grid renewable energy system that can supply all of Palestine's energy needs.



# PALESTINE PLAN B ENERGY STORAGE



following table shows selected indicators of the energy sector in Palestine between 2014 and 2018, Table 2. As shown, Energy de-pendency has increased, with an increase in population, and decreasing in the share of RE. Overall, Palestinian energy sector faces many technical chal-lenges, as it does not have physical means to transfer energy, and a



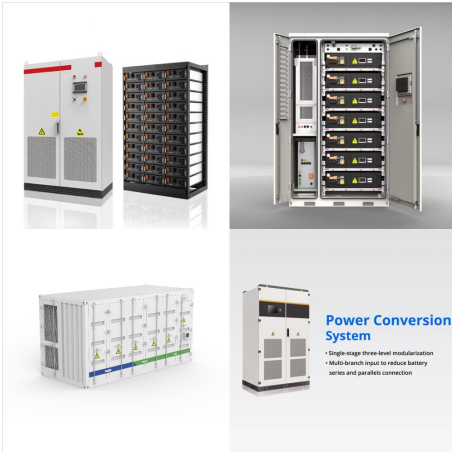
The Palestinian government seeks to develop the regulatory framework and policies and improve the sustainable energy sector, in cooperation with ministries and operating institutions, local authorities, private sector representatives, and international institutions, and adopt strategies to diversify electricity sources and reduce imports by 50%



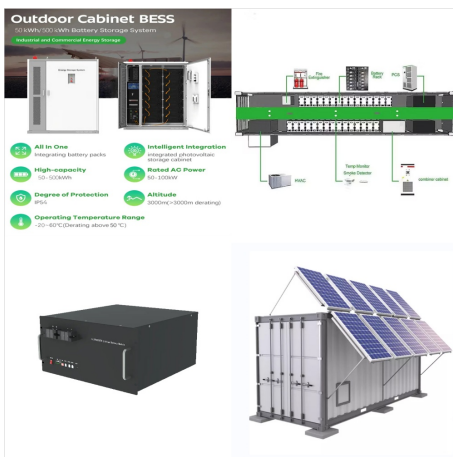
energy transition in Algeria, Egypt, Jordan, Lebanon, Libya, Morocco, Palestine and Tunisia under the umbrella of the UfM REEE platform. The meetMED team in Brussels coordinates the project partners and experts in imple-



# PALESTINE PLAN B ENERGY STORAGE



Palestine has a low energy intensity, measured as primary energy divided by GDP, which was only 3.3 MJ/US\$ in the year 2019 indicating a low energy consumption (UNCT & OPM, 2020). The World Bank Group (2017) study estimated the potential of available RE to approach 4246 MW of which 98.3% is solar energy.



The Palestinian government seeks to develop the regulatory framework and policies and improve the sustainable energy sector, in cooperation with ministries and operating institutions, local ???



diversifying energy sources, enhancing energy storage capabilities, and exploring opportunities for regional cooperation in the energy field. These strategies will enhance resilience and reduce dependence



# PALESTINE PLAN B ENERGY STORAGE



The Palestinian Energy and Natural Resources Authority (PENRA) aims to improve energy security by diversifying its sources of electricity and reducing the country's dependence on imported power supply; increasing the use of E renewable sources of energy that are available to increase the share of clean power in the overall energy



The Palestinian Energy Project, or "PEP", fundamentally aims to improve the capacity of the Palestinian Authority (PA) to improve and advance a sustainable energy sector in the West Bank. The project, now in its second year of implementation, has made significant progress in establishing solid working