



Overall, PIF, through Acwa Power and Badeel, is currently developing a total of eight renewable energy projects with a total capacity of 13.6 GW, involving over \$9 billion of investment from PIF and its partners.



Investments in renewables and electricity accounted for 25% of total investments, exceeding the initial target of 20% planned one year ago. Regarding gas, the energy of the transition, TotalEnergies' liquefied natural gas (LNG) sales increased by 10% to reach 42 million tons, 99% of which went to countries with a net zero pledge.



A total of \$239 billion was invested in large- and small-scale systems, making up two-thirds of total global renewable energy investment over the first six months of the year and marking a staggering 43% rise compared ???

# TOTAL INVESTMENT IN RENEWABLE ENERGY



Renewable energy investment remains concentrated in a limited number of countries and focused on only a few technologies. The region's integrated regional approach will expand the total renewable energy capacity from 2 770 GW to 3 400 GW by 2050 under the 1.5°C Scenario. The assessment shows that in the 1.5°C Scenario, the total costs



The Energy Information Administration expects renewable deployment to grow by 17% to 42 GW in 2024 and account for almost a quarter of electricity generation. 5 The estimate falls below the low end of the National ???



Solar PV makes up almost half of new investment in renewable power, with spending divided equally between utility-scale projects and distributed solar PV systems. The majors and Equinor accounted for about 90% of total clean energy investment by the oil and gas industry in 2021 and almost all of the investment tracked so far in 2022

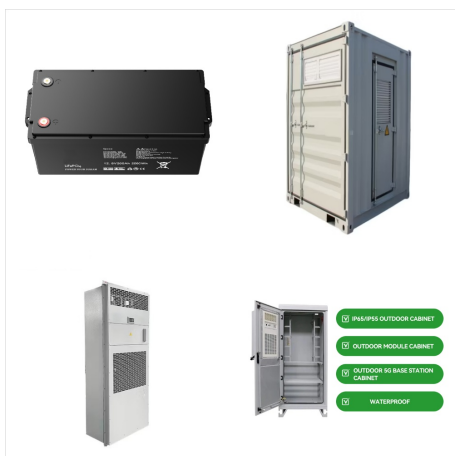
# TOTAL INVESTMENT IN RENEWABLE ENERGY



Global investment in energy transition technologies, including energy efficiency, reached a record high of USD 1.3 trillion in 2022. However, annual investments need to at least quadruple to remain on track to achieve the 1.5 °C Scenario ???



Renewable energy investment has increased significantly in Australia over recent years, contributing to a continuing shift in the energy generation mix away from traditional fossil fuel sources. The total investment cost associated with these priority grid projects is likely to be at least \$5 billion. The Integrated



This means that a total of more than 30 million jobs could be created in clean energy, efficiency, and low-emissions technologies by 2030. But investments in renewable energy will pay off.

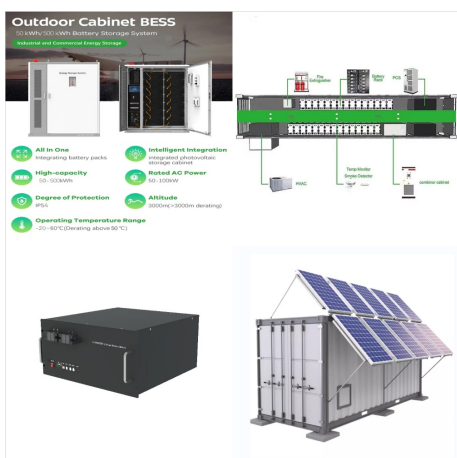
# TOTAL INVESTMENT IN RENEWABLE ENERGY



This year's edition of the World Energy Investment provides a full update on the investment picture in 2023 and an initial reading of the emerging picture for 2024.. The report provides a global benchmark for tracking capital flows in the energy sector and examines how investors are assessing risks and opportunities across all areas of fuel and electricity supply, ???



Electrified transport overtook the renewable energy sector, which saw an 8% increase to \$623 billion. This figure reflects investment to construct renewable energy production facilities, such as wind, solar and geothermal ???



The yearbook also includes statistics on investments in renewables, compiled from the OECD-DAC database and 20 major multi-lateral, bilateral and national development financial institutions, spanning 2013-2022. Pumped storage, although included as part of hydropower data, is excluded from total renewable energy. Electricity generation and



# TOTAL INVESTMENT IN RENEWABLE ENERGY



Total energy investment is expected to exceed \$3 trillion for the first time in 2024, the IEA said in its annual World Energy Investment report. Combined investment in renewable power and



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Global investment in the energy transition hit a record \$1.8 trillion in 2023, climbing 17% from a year earlier. Electrified transport was the main driver of this spending on the rollout of clean technologies, leapfrogging renewable energy and accounting for more than a third of the investment total. China

# TOTAL INVESTMENT IN RENEWABLE ENERGY



Renewable energy sources accounted for 9% of Australian energy consumption in 2022-23. Renewable electricity generation has more than doubled over the last decade, but combustion of biomass such as firewood and bagasse (the remnant sugar cane pulp left after crushing) still constitutes about a third of all renewable energy consumption in Australia.



Electricity is a fast-growing market in which TotalEnergies is developing profitably. The Company's objective is to produce more than 100 TWh/year by 2030, which would place it among the world's top five producers of renewable electricity (wind and solar). TotalEnergies creates value through integration along the electricity chain.

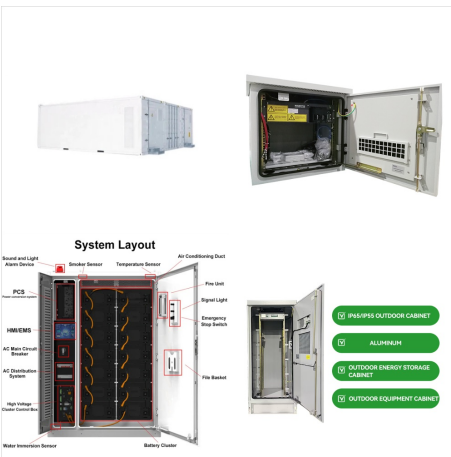


Currently, about 60 percent of U.S. renewable energy goes to the electricity sector, while the electricity sector overall consumes about 38 percent of total U.S. primary energy mix which includes energy used directly in transportation, as well as industrial, residential, and commercial heating applications .

## TOTAL INVESTMENT IN RENEWABLE ENERGY



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SCOTT WARD: McKinsey's "Global Energy Perspective 2023" estimated global investment in power renewables and decarbonization technologies will reach 40% to 50% of total investments in energy



Countries are now investing in renewable energy technologies as a means of gaining a strategic advantage, reducing energy dependence, and positioning themselves as leaders in the emerging green economy. The European Union (EU), by 2030, aspires for a 32% share of renewable energy in its total consumption [25]. By the end of 2020, it reached

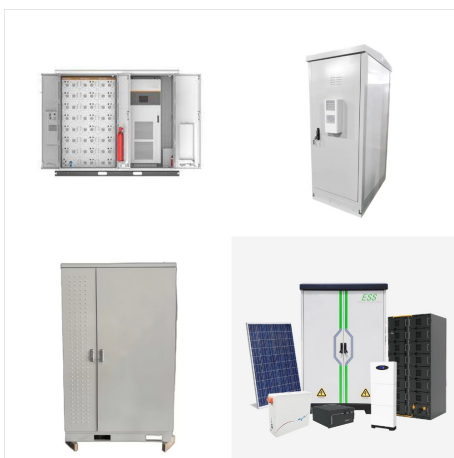
# TOTAL INVESTMENT IN RENEWABLE ENERGY



Renewable energy investment; Share of cars currently in use that are electric; Share of direct primary energy consumption by source; Share of total energy used in agriculture and forestry; Share with access to electricity vs. per capita energy ???



Green finance is a significant means for promoting renewable energy investment and achieving sustainability. Using data from 2012 to 2021 from fifty energy firms in China, this study highlights the starring part of geopolitical risk, green finance, and environmental tax in investment in renewable energy (IRE) sources.



Geothermal and biomass systems emit some air pollutants, though total air emissions are generally much lower than those of coal- and natural gas-fired power plants. analysis found that a 25-by-2025 national renewable electricity standard would stimulate \$263.4 billion in new capital investment for renewable energy technologies,



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