

# Wind and Solar Power in Brazil and South Africa: Business and Public Policy

Brazil and South Africa are two of the world's leading emerging economies. Both countries have a wealth of natural resources, including abundant sunlight and wind. This has led to a growing interest in developing wind and solar power in both countries.



## Political Economies of Energy Transition: Wind and Solar Power in Brazil and South Africa (Business and Public Policy) by Kathryn Hochstetler

★★★★☆ 4.6 out of 5

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Screen Reader : Supported  
Enhanced typesetting : Enabled  
Word Wise : Enabled  
Print length : 294 pages



## Wind and Solar Power in Brazil

Brazil has one of the largest wind power markets in the world. In 2020, Brazil had over 15 gigawatts (GW) of installed wind power capacity, making it the seventh largest wind power market in the world.

The Brazilian government has been supportive of wind power development. In 2002, the government introduced a wind power auction program, which has helped to drive down the cost of wind power in Brazil.

In addition to wind power, Brazil also has a growing solar power market. In 2020, Brazil had over 3 GW of installed solar power capacity.

The Brazilian government has also been supportive of solar power development. In 2012, the government introduced a solar power auction program, which has helped to drive down the cost of solar power in Brazil.

## **Wind and Solar Power in South Africa**

South Africa has a strong potential for wind and solar power development. The country has a large amount of sunlight and wind, and it has a well-developed electricity grid.

The South African government has been supportive of wind and solar power development. In 2011, the government introduced a renewable energy feed-in tariff program, which has helped to drive down the cost of wind and solar power in South Africa.

In 2020, South Africa had over 5 GW of installed wind power capacity, and it had over 2 GW of installed solar power capacity.

## **Business Opportunities in Wind and Solar Power in Brazil and South Africa**

The development of wind and solar power in Brazil and South Africa is creating a number of business opportunities. These opportunities include:

- The development of new wind and solar power projects
- The manufacturing of wind and solar power components
- The installation and maintenance of wind and solar power systems

- The development of new financial products and services for the wind and solar power industry

## **Public Policy Issues for Wind and Solar Power in Brazil and South Africa**

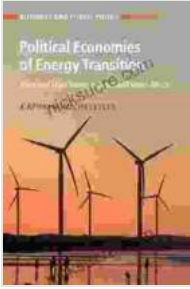
The development of wind and solar power in Brazil and South Africa also raises a number of public policy issues. These issues include:

- The need to ensure that wind and solar power development is sustainable
- The need to address the social and environmental impacts of wind and solar power development
- The need to develop policies that support the long-term development of wind and solar power

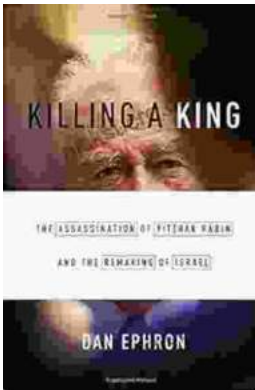
Wind and solar power are playing an increasingly important role in the energy mix of Brazil and South Africa. The development of wind and solar power in these two countries is creating a number of business opportunities and it is also raising a number of public policy issues.

The successful development of wind and solar power in Brazil and South Africa will require a collaborative effort between governments, businesses, and communities. By working together, these stakeholders can ensure that wind and solar power plays a positive role in the future energy mix of these two countries.

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