

## Wind Farm Project, Turkey

Wind Power is one of the most sustainable sources of energy. It generates no waste or emissions. The Wind Farm Project in Turkey is among a dozen South Pole wind power projects spread out over half the globe.

### The Location

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The project is located in Izmir province in western Turkey, on the Aegean coast.

### The Project

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The main objective of this Gold Standard VER Project is to generate electricity from wind energy and feed it into the national electricity grid.

The Wind Farm Project is a grid-connected onshore project. It consists of 49 wind turbines with a total installed capacity of 39.8 MW. Given its specifications, the project is expected to generate an emission reduction of about 76,000 metric tons of CO<sub>2</sub> per year over its 7 - year crediting period.

With a predicted operational life of 30 years, the project will reduce emissions long after the end of the crediting period.



## The Benefits

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Besides emissions reduction, the project contributes significantly to sustainable development in the region. The project:



- Reduces electricity imports, lowers dependency on fossil fuels and mitigates risks due to fossil fuel price variations
- Diversifies the energy supply chain via the addition of a renewable energy source
- Reduces air pollutants by displacing electricity from fossil fuel based power plants
- Creates jobs – during the construction and operation phases – in a region of Turkey that is less developed.
- Supports the local economy via local procurement of services (subcontractors) and equipment (cables, masts and transformers for transmission lines; turbine blades; general construction materials, etc.)
- Transfers technology and know-how and empowers locals with sustainable perspectives
- Improves the local infrastructure via road construction and transmission line improvements

## The Details

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### South Pole Project No. 300209

DOE: Bureau Veritas Certification Holding SAS

Standard: Gold Standard VER

Average annual emission reduction: 94'000 tCO<sub>2</sub>e



### Further information:

South Pole Carbon Asset Management Ltd.

Sales Department

[sales@southpolecarbon.com](mailto:sales@southpolecarbon.com)

+41 43 501 3552

[www.southpolecarbon.com](http://www.southpolecarbon.com)

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Zurich · Bangkok · Beijing · Hanoi · Johannesburg · Mexico City · New Delhi · Taipei  
[www.southpolecarbon.com](http://www.southpolecarbon.com) · [info@southpolecarbon.com](mailto:info@southpolecarbon.com)

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