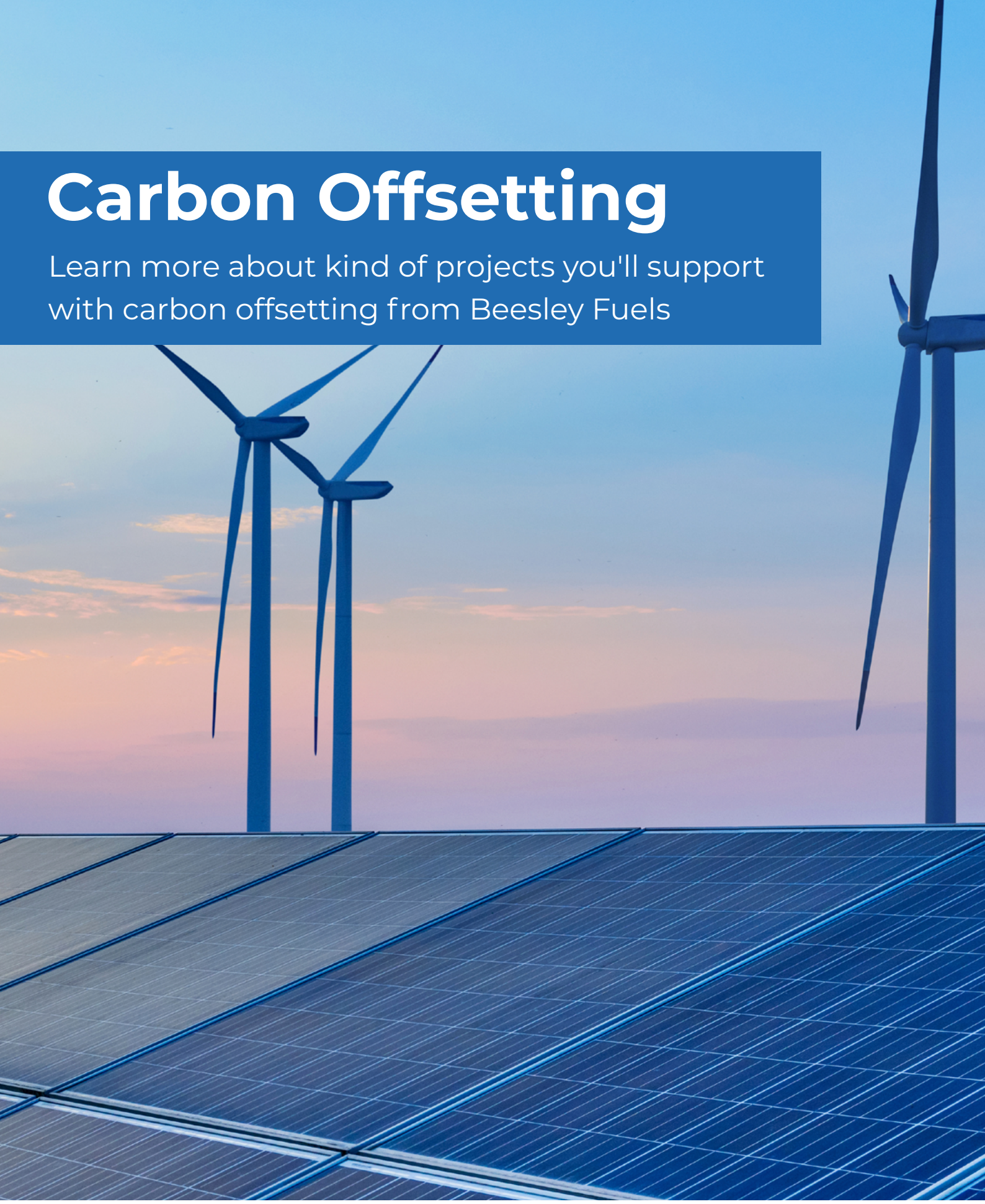
Carbon Offsetting

Learn more about kind of projects you'll support with carbon offsetting from Beesley Fuels



Beesley Fuels

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www.beesleyfuels.co.uk

Facilitating Global Change

When you purchase carbon offset fuels from Beesley Fuels, you are helping to fund carbon-saving projects both in the UK and around the globe.

To help increase transparency around your carbon credits and the initiatives that you could be supporting, we've put together a showcase of some ongoing offsetting projects to show you the great work that's being done to fight climate change around the world.

Sustainable Development Goals

Each of these projects meet at least one of the following sustainable development goals:

- **Affordable and clean energy** – Ensures access to affordable, reliable, sustainable and modern energy for all
- **Decent work and economic growth** – Inclusive, sustainable economic growth and productive, decent work for all
- **Climate action** – Collective climate action around the world to reduce global warming
- **Clean water and sanitation** – Safe and affordable drinking water for all

Credits certified by...

CCBA

Gold Standard

Verified Carbon Standard

Southern Cardamom REDD+

Cambodia, Koh Kong Province

Decent work and economic growth

Climate action

Tropical deforestation is one of the main drivers of carbon emissions and global climate change. Halting deforestation could potentially counteract over one third of global emissions.

The Southern Cardamom REDD+ project seeks to protect the planet's most biodiverse ecosystems located within the 497,000 hectares of tropical rainforest that the project covers. The initiative provides support for wildlife conservation, ecosystem servicing and community education and sustainable jobs, using forest protection best practice and community development.

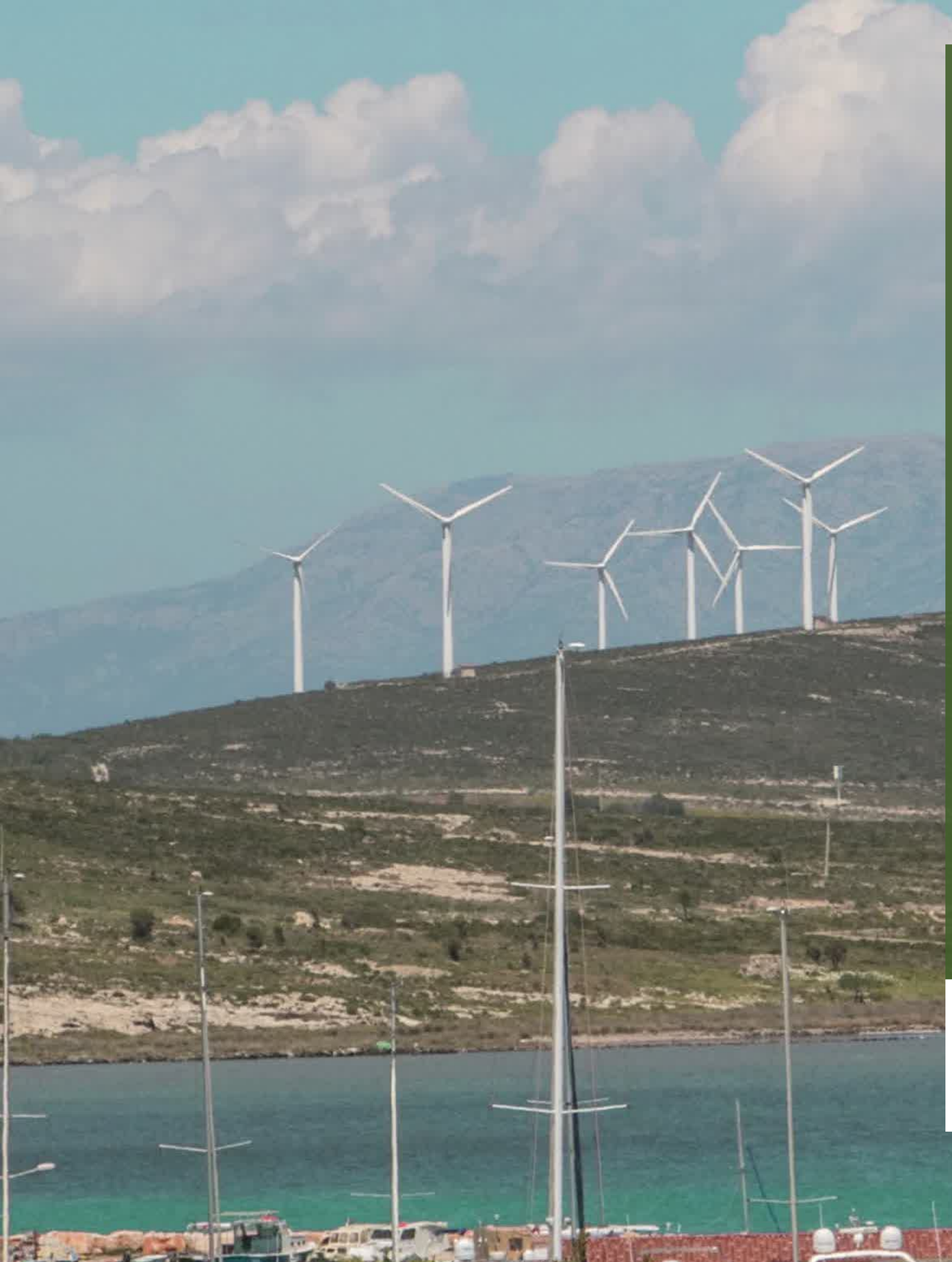
Benefits

- Prevents more than 3 million tonnes of carbon emissions per year
- Protects 497,000 hectares of tropical rainforest and its wildlife with enhanced security and law enforcement
- Community-based ecotourism development creates sustainable income for local communities
- Training of 200 families on renewable agricultural methods
- Creates full-time employment for around 150 people

Project certifications

Verified Carbon Standard

CCBA



Alaçati Wind Power Project

Turkey, Çeşeme

Affordable and clean energy

Climate action

Decent work and economic growth

The ever-growing demand for reliable energy has led to the proliferation of fossil-fired power plants across the globe, using fuels such as gas, oil and coal.

Renewable energy is infinitely cleaner and more sustainable than fossil fuelled power, but can be a more expensive investment in the short term.

The Alaçati Wind Power Project is one of several wind farm projects backed by carbon offsets, which helps to stimulate and commercialise the use of renewable energy in emerging energy markets.

In this case, the Alaçati Wind Power Project has a range of far-reaching aims that go beyond the creation of a renewable energy source, but will provide deep-seated societal and political benefits.

Benefits

- Reduces GHG emissions in Turkey compared to current levels
- Stimulates growth in the Turkish wind power industry
- Creates local employment during the construction and operational phases of the project
- Reduces other pollutants resulting from the current power generation activity
- Reduces Turkey's increasing energy deficit
- Reduces Turkey's dependence on energy imports

Project certifications

Verified Carbon Standard

Three Gorges New Energy

China, Jingyuan City

Affordable and clean energy

Climate action

Decent work and economic growth

The carbon offsets we supply support a diverse range of projects to deliver real change around the globe, and not only in emerging economies.

China consistently tops the list of countries that produce the most greenhouse gases, owing to several factors such as their reliance on coal-fired power in heavily industrialised provinces.

The drive to shift China's vast energy demand away from carbon-heavy sources is gaining momentum, thanks in part to projects such as Three Gorges New Energy. Based in Jingyuan City in the Gansu province, the objective is to build a renewable solar energy farm with 100.5 MWp capacity, and to feed directly into the fossil-fuel dominated power grid.

This will not only reduce the North West Power Grid's reliance on fossil fuels and reduce greenhouse gas emissions, but also create sustainable jobs and promote solar power as a viable energy source.

Benefits

- Displaces the power generation of fossil fuelled power plants, significantly reducing local CO_2, SO_x and NO_x emissions
- Increases local air quality which reduces its impact on human health and that of local wildlife
- Improves renewable fuels' share of electricity generation in the North West Power Grid by providing clean and sustainable energy
- Promotes solar PV technology in China with a view to increasing adoption of innovative projects like Three Gorges New Energy

Project certifications

Verified Carbon Standard

Urla Wind Power

Turkey, Urla

Affordable and clean energy

Climate action

Decent work and economic growth

Carbon offsetting projects can be found all over the globe, but it's not uncommon for several to be located quite close to several others.

This is the case with the Urla Wind Power Project, which is located near the Alaçati Wind Power Project in western Turkey. It involves the installation and operation of a 15 MW wind power plant, generating approximately 45,738 MWh per year.

This will provide sustainable power and employment as well as reducing the region’s reliance on fossil fuels.

Benefits

- Reduces GHG emissions in Turkey compared to current levels
- Stimulates growth in the Turkish wind power industry
- Creates local employment during the construction and operational phases of the project
- Reduces other pollutants resulting from the current power generation activity
- Reduces Turkey’s increasing energy deficit
- Reduces Turkey’s dependence on energy imports

Project certifications

Verified Carbon Standard

Landfill Gas Project

Turkey, Istanbul

Affordable and clean energy

Climate action

Decent work and economic growth

Clean water and sanitation

In addition to facilitating wind and solar farms, renewable power generation has turned to a previously ignored source of energy: our waste.

The average person in the UK produces around 399 kilograms of waste per year, the majority of which is taken to landfill – a process common in countries across the globe. We can now harness the emissions generated from landfill to generate electricity, using waste-to-energy systems.

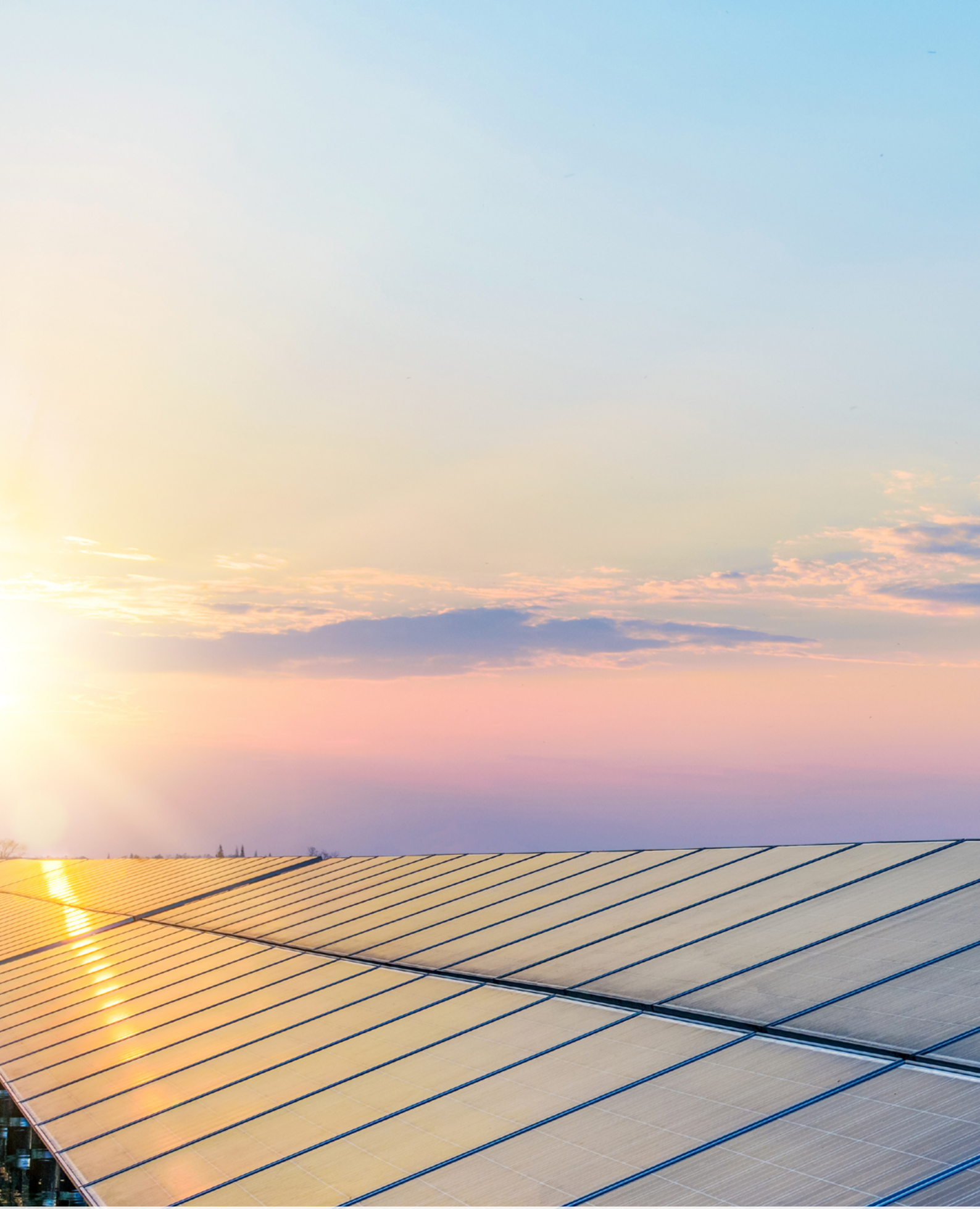
This project collects and converts methane emissions from the Odayeri and Komurcuoda landfill sites into electricity, with any excess LFG (landfill gas) being flared. This not only prevents the greenhouse gases escaping into the atmosphere, but also produces clean, renewable energy to the Turkish power grid – energy that would otherwise be produced using fossil fuels.

Benefits

- Captures gases produced by landfill waste before it can enter the atmosphere
- Produces clean electricity to the national grid, replacing energy that would be produced by fossil fuels
- Creates local employment during the construction and operational phases of the project
- Reduces Turkey's increasing energy deficit
- Reduces Turkey's dependence on energy imports

Project certifications

Gold Standard®



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