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# 120-foot solar-powered container used for Vatican field research

Why does the Vatican have a solar system?

The Vatican's solar shift is a culmination of a political and spiritual mission years in the making. In 2024, the late Pope Francis issued an apostolic letter ordering the construction of an agrivoltaic solar plant to supply the Vatican with energy from Santa Maria di Galeria. On the same site, the new solar infrastructure now stands.

Is Vatican City powered by solar?

This is not just about rooftop panels; it's about how science, sustainability, and faith can coexist and set the pace for the rest of the world to follow. Vatican City is powered by solar. On May 29, 2025, the Vatican City officially transitioned to solar power, marking a significant shift in the European energy landscape.

Why did Acea install a solar energy system in Vatican City?

This project was carried out by ACEA, an Italian utility company, which installed systems to meet all of the Vatican's energy demands. What makes this significant is not the size, but that Vatican City is only 0.49km<sup>2</sup>, and there was no loud campaign, no press tour, just action set in stone and implemented.

What did Pope Francis say about solar power?

"Fratello sole" or "Brother Sun" was Pope Francis' Apostolic Letter that detailed how solar power is an invitation for people around the world to make lifestyle changes to counter global warming and the "pervasive" use of fossil fuels.

The Solar Blueprint In his 2024 apostolic letter *Fratello Sole* ("Brother Sun"), Pope Francis laid out a roadmap for a climate-neutral ...

According to the Vatican's press office, the installation will apply the most advanced solutions currently available, balancing clean ...

On July 31, 2025, the Holy See Press Office announced the signing of an agreement between the Vatican and the Republic of Italy to allow the installation of a solar ...

The world's smallest country just made a big move: Vatican City is now powered entirely by solar energy, setting an example for ...

According to the Vatican's press office, the installation will apply the most advanced solutions currently available, balancing clean energy generation with the preservation of ...

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Italy agreed Thursday to a Vatican plan to convert a 430-hectare (1,000-acre) field at Santa Maria Galeria--about 35 kilometers (20 miles) north of Rome--into a large solar farm ...

The world's smallest country just made a big move: Vatican City is now powered entirely by solar energy, setting an example for global climate action.

The Solar Blueprint In his 2024 apostolic letter *Fratello Sole* ("Brother Sun"), Pope Francis laid out a roadmap for a climate-neutral Vatican. He ordered an unprecedented ...

Pope Francis has ordered the construction of a solar power plant to supply the Vatican's electricity needs. He did so with the apostolic ...

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The Vatican's decision to become 100% solar-powered is a historic milestone and an inspiring example of leadership in sustainability. Under Pope Francis' guidance, the world's ...

The Vatican is set to become solar powered as Pope Francis has ordered the construction of an agrivoltaic plant at its extraterritorial site at Santa Maria di Galeria on the ...

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