

## Energy storage systems for renewable energy Vatican City

Pope Francis has commissioned an agrivoltaic plant to be located in the extraterritorial area of Santa Maria di Galeria that will ensure the complete energy sustenance of Vatican City.

The Vatican's commitment to green energy is further exemplified by its partnership with the utility company Acea, which now supplies the state with electricity exclusively from renewable...

The Holy See is aiming to reduce its environment impact by embracing renewable energy sources, with the goal of zero emissions by 2050. In an interview with L"Osservatore Romano, the Governorate"s Director for Infrastructures and Services explains the path undertaken by the Vatican.

With this new solar plant, the Vatican is taking an audacious step towards a cleaner and greener future, aligning itself with the global objectives of reduction of emissions and environmental ...

One of the instruments that technology has made available is the agrivoltaic system. It is a system that generates renewable energy, combining cultivation of agricultural land with energy produced by solar panels.

To reduce CO 2 emissions and exposure to local air pollution, we want to transition our energy systems away from fossil fuels towards low-carbon sources. Low-carbon energy sources include nuclear and renewable technologies.

The Vatican was set to go green on Wednesday with the activation of a new solar energy system to power several key buildings and a commitment to use renewable energy for 20 percent of its...



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