

Press release

Vienna, October 27, 2022

Austrian Green Planet Building® Award for Zero-Energy Church in Kazakhstan

Sustainable building "Made in Austria": The Orthodox Church is energy self-sufficient

Below minus 30 degrees in winter and above 30 degrees in summer - despite extreme climatic differences, the Roman Orthodox Church in Maximovka, Kazakhstan, generates heating, cooling and electricity entirely on its own property, using sustainable energy. A solar heat pump, in combination with the photovoltaic system, ensures a comfortable temperature inside the thermally optimized church, no matter what the season. When the electricity generated by solar energy exceeds demand, the surplus is fed into the local power grid. A probe field with three deep probes serves as a sustainable energy source. The Austrian company NEUBAU best.energy provided the general planning, energy planning, as well as quality assurance.

Energy efficiency and the supply of renewable energy are the focus of **Austrian Green Planet Building®** (AGPB). AGPB transfers the objectives and strict criteria of the national climate protection initiative **klimaaktiv** for the building and real estate industry to an international level. The outstanding achievements of Austrian planning offices, consultants, construction companies and production plants abroad in the field of sustainable building – Austrian Green Planet Building® distinguishes them.

AGPB is an umbrella brand supported by the Federal Ministry for Climate Protection, Environment, Energy, Mobility, Innovation and Technology and AUSSENWIRTSCHAFT AUSTRIA.

The Roman Orthodox Church in Maximovka, Kazakhstan receives the Austrian Green Planet Building® Award: Despite extreme climatic conditions, the church is energy self-sufficient and emission-free because it covers its own needs with sustainable sources.

Project description, photos, video, factsheet and press release:

agpb.at/en/roman_orthodox_church

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