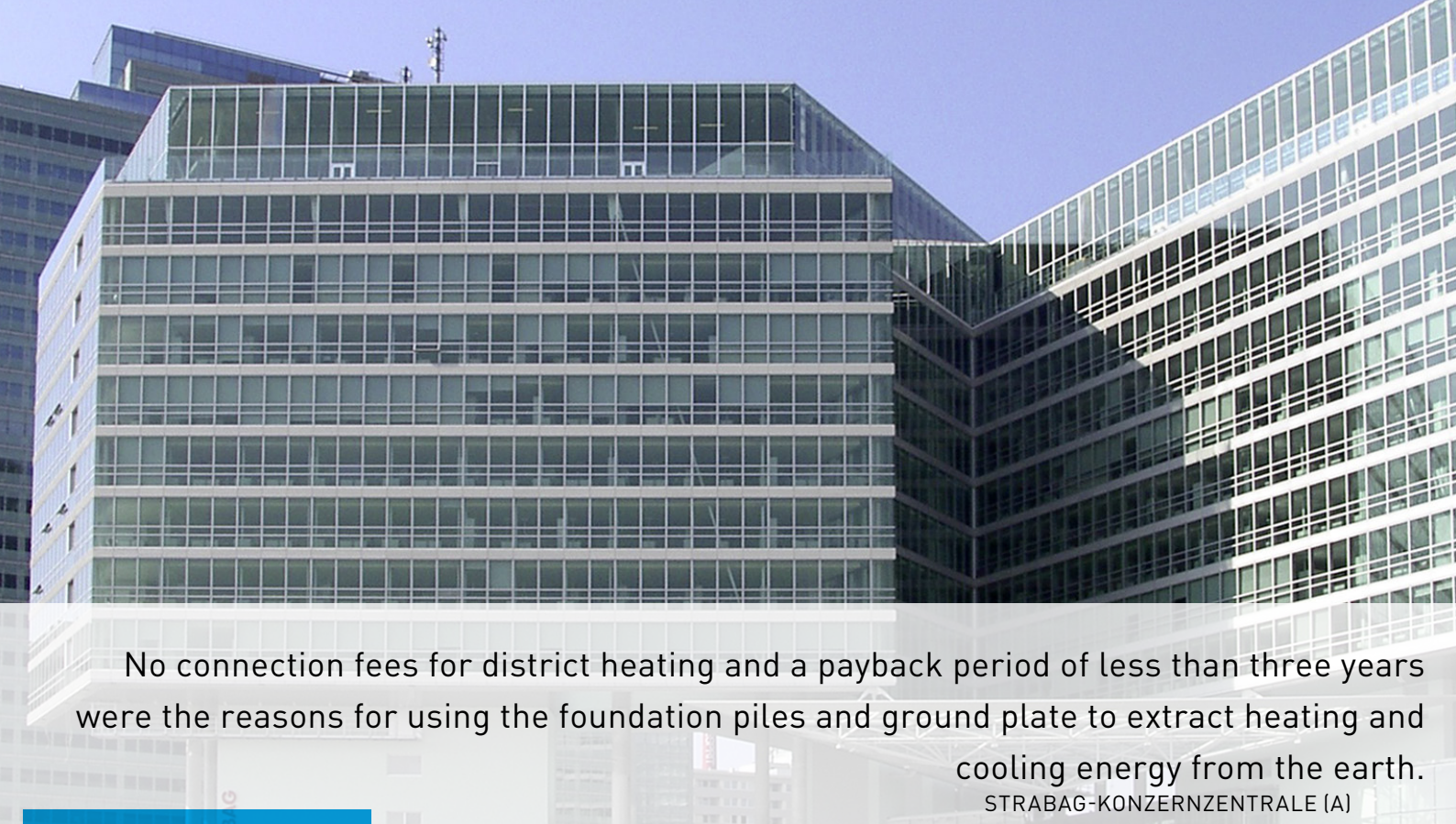


Strabag headquarters, VIENNA (A)





No connection fees for district heating and a payback period of less than three years were the reasons for using the foundation piles and ground plate to extract heating and cooling energy from the earth.

STRABAG-KONZERNZENTRALE (A)

ENERCRET

CUSTOMER

STRABAG HEADQUARTERS, VIENNA (A)

ARCHITECT

DI ERNST HOFFMANN, WIEN (A)

HAUSTECHNIK PLANNING

ZENTRAPLAN PLANUNGSGES.M.B.H.,
WR. NEUSTADT (A)

SOLUTION

The STRABAG Group headquarters in Vienna will be monovalently heated and cooled by a geothermal plant completed by ENERCRET in 2003.

PRODUCT

The entire building, which has 28,000 m² of floor space, is heated and cooled exclusively by near-surface geothermal energy. The planning, simulation and installation of the geothermal system was carried out by ENERCRET. The special challenge was to lay several thousand meters of pipes under the floor slab in a very short time in coordination with demanding concreting work. Our product was delivered on schedule and since the first day it has been fulfilling the customer's heating and cooling requirements. Three heat pumps deliver a heating work of more than two GWh per year. The energy costs are about 35% of a conventional plant, the breakeven was already achieved in the 2nd year.

TOOLS

78,000 meters of HDPE pipes are in 245 energy piles

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