5+1 REASONS FOR PAKS II.

90%

over 90% availability

10 000 <

10 000 jobs at the time of construction, an additional 10-15 000 jobs thanks to related tasks

60 years

at least 60 years of lifetime

17 000 000 t

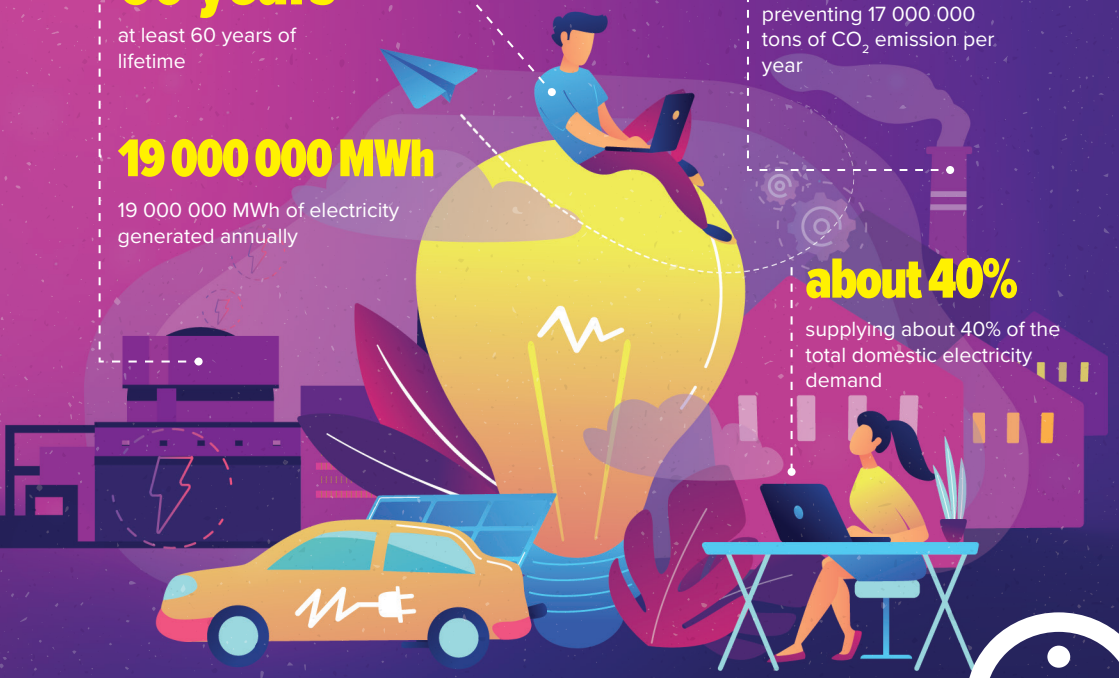
preventing 17 000 000 tons of CO_2 emission per year

19 000 000 MWh

19 000 000 MWh of electricity generated annually

about 40%

supplying about 40% of the total domestic electricity demand



PAKS II. LTD.

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5+1 REASONS FOR PAKS II.

Half of the electricity produced in Hungary and one third of the consumed electricity is provided by the currently operating nuclear power plant. However, its lifetime will end between 2032-37. The two new Paks NPP units are intended to replace the current nuclear power plant.

The operation of nuclear power plants does not emit carbon dioxide. If we produced the same amount of electricity in a coal-fired power plant that the two new units produce, it would emit 17 million tons of carbon dioxide into the atmosphere annually.

The VVER-1200 unit type is the most modern and safest member of the VVER family, the construction of which is based on decades of development and operation experience.

The capacity of nuclear power plants is predictable, regardless of the weather, they are capable of producing electricity every day of the week, day and night. The availability and production capacity of the VVER-1200 unit type is over 90%, compared to 20% for wind turbines. The production capacity of solar power plants also lags significantly behind that of a nuclear power plant: the domestic installed capacity of solar power plants in 2020 exceeded the capacity of the Paks NPP by 20%, however, solar plants produced only a tenth of the electricity.

The construction of the new nuclear power plant units is the greatest industrial investment of the century in Hungary. During the construction period, at peak times, the project will employ about ten thousand people, while an additional 10-15 thousand jobs can be created nation-wide thanks to related tasks.

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Cheap
Safe
Climate friendly