

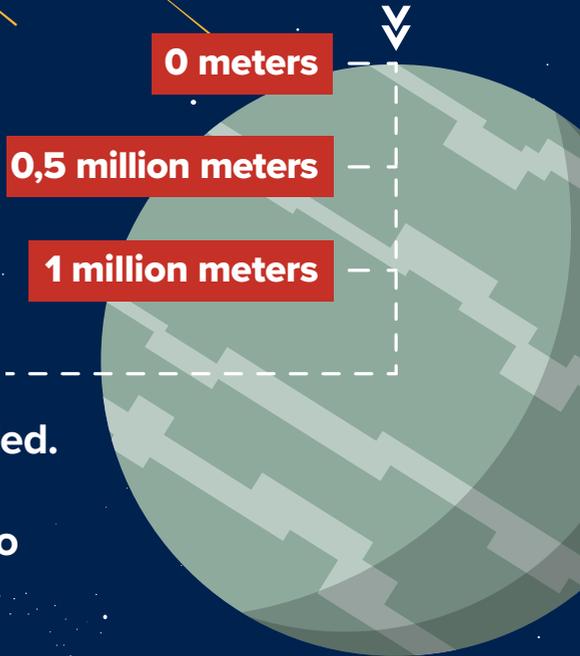
Soil consolidation on the new units' site



During soil
consolidation

1,5 million meters

of boreholes will be drilled.
This would bring us to
from the surface of Pluto
right to its core.



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Soil consolidation on the new units' site

The soil consolidation of the buildings and structures of Paks II. Nuclear Power Plant, important for nuclear safety, is of key importance in order to ensure the stability and earthquake resistance of the facility itself. Soil consolidation is necessary because the site is located in an area close to the Danube, in the vicinity of an operating nuclear power plant and the buildings of the new units are extremely large. This will require the use of the internationally known and proven, so-called deep soil mixing (dsm) method.

To reinforce the soil under the new nuclear power plant units, an average of 100 boreholes per day, or 75,000 boreholes in total, and the same amount of overlapping cemented soil columns will be made. To reinforce the 17 hectares, one million tonnes of cement will be used.

The soil consolidation is carried out by Bauer Hungary Ltd., using special equipment. The company has used this technology on many sites, and the company, a subsidiary of the Bauer Gruppe, which has a history of more than two hundred years, not only participates in the domestic civil engineering market, but also has successfully completed a number of projects throughout Europe.



For further information
about the project, please
scan the QR-code!

