

Netherlands halts extraction from Europe's biggest gas field

October 1 2023



The local population had been experiencing low-magnitude, near-surface quakes.

The Netherlands halted extraction from Europe's biggest gas field on Sunday, which was resulting in earthquakes that have shaken local residents for decades and threaten to persist.

Authorities are keeping 11 [extraction](#) wells open at the Groningen gas field for another year, however, in case of a severe winter, before shutting its gates for good against a backdrop of geopolitical tensions.

People living near the site, which opened in the early 1960s, have complained for more than 20 years of being terrorized by quakes directly attributed to drilling operations.

The [local population](#) had been experiencing low-magnitude, near-surface quakes caused by vacuum pockets formed during gas extraction, which caused widespread damage to homes and other buildings.

Residents welcomed the news in 2018 that the field would be closed, but have been warned by experts that the earthquakes could continue for years.

Although [gas extraction](#) from the field has been almost cut to zero over the last few years, the government kept the site operational due to the global energy uncertainties prompted largely by Russia's invasion of Ukraine in February 2022.

"An enormous number of people in the province are suffering [psychological problems](#) due to the extraction of gas," Jan Wigboldus, president of an association representing local people, told AFP.

Many have also been caught in bureaucracy, receiving only a trickle of compensation.

A [report](#) by a parliamentary commission in February accused the Dutch authorities of having paid "barely any attention to the long-term risks" while extraction was successful, adding that the government had a [moral obligation](#) to remedy the situation.

Around 2,300 billion cubic meters (81,223 billion cubic feet) of gas have been extracted from the field over the years, according to Shell.

Groningen gas generated some 429 billion euros (\$450 billion), adjusted for inflation, between 1963 and 2020, 85 percent of which went into state coffers.

For months, mountains of debris of old pipes have littered the site from sections of the field already dismantled.

Many houses in the Groningen area have now been renovated or rebuilt to incorporate earthquake-resistant structures.

Dutch Prime Minister Mark Rutte said on Friday during a visit to the site that there were tens of thousands of children living in a terrible situation in the region, according to Dutch agency ANP.

© 2023 AFP

Citation: Netherlands halts extraction from Europe's biggest gas field (2023, October 1) retrieved 29 April 2024 from <https://phys.org/news/2023-10-netherlands-halts-europe-biggest-gas.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.