



# RBO, Hamburg

## Data and facts

Company	PORR Spezialtiefbau GmbH
Type	Turnkey construction pits, Foundations, Sealing slabs
Runtime	01.2022 - 05.2023
Principal	Instone Real Estate, evoreal GmbH, SAGA group of companies

[Project report online](#)

[www.porr-group.com](http://www.porr-group.com)



# 14,200m<sup>2</sup> construction pit as an all-in-one solution in Hamburg-Rothenburgsort

With its high level of expertise, years of experience, strong team spirit and the support of its sister company PORR Equipment Service, which is providing the necessary special equipment, the team overcomes the challenges faced.

## One-stop shop: construction pit as an all-in-one solution

The specialist civil engineering experts were able to win the employer over with an economic solution: a construction pit as an all-in-one solution from a single provider. Adherence to schedule is also key to the project. Together with consortium partner E.K.W. Erd- und Straßenbau, which is responsible for the extensive earthworks, the team is providing an economic solution to meet the requirements. Subsidiary PORR Spezialtiefbau Planung will carry out the execution planning, ensuring that it qualifies for approval.

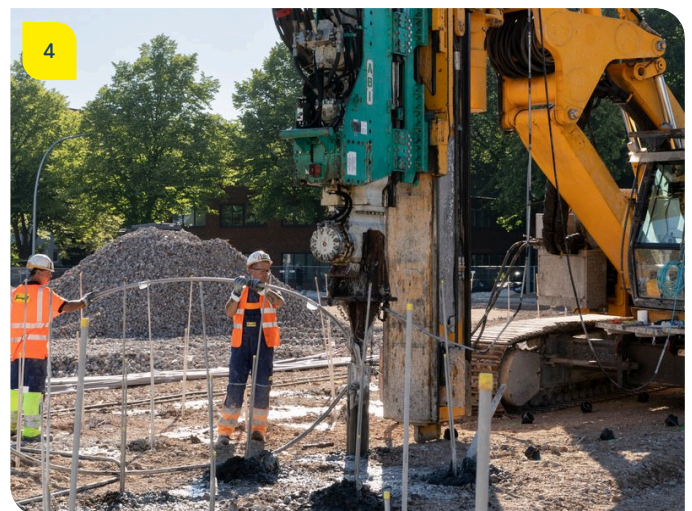
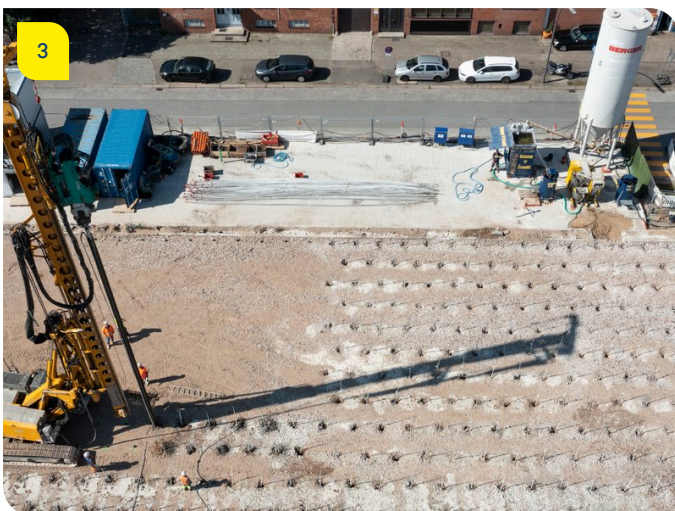
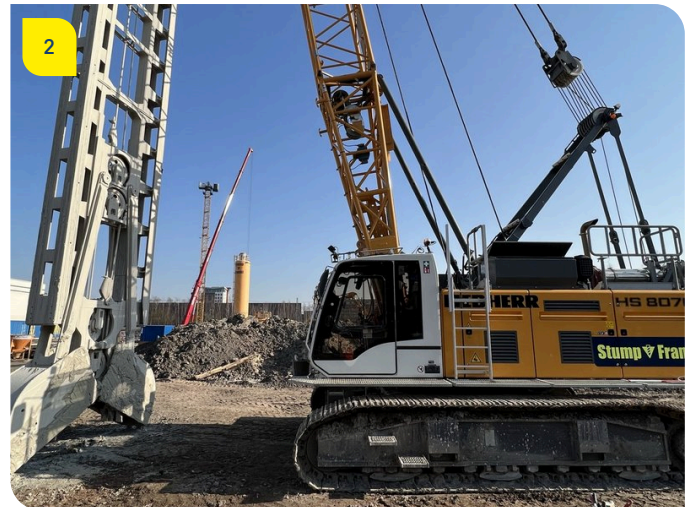
## An eye to sustainability: efficient energy management on the construction site

In the interests of environmental protection, PORR is particularly focusing on recording energy consumption on the construction site in Hamburg-Rothenburgsort. The aim is to identify potential energy wastage and implement suitable measures to prevent it. A digital electricity meter has been installed for the purpose. Consumption will be calculated automatically on a daily basis and compared with daily output. The Hamburg construction pit is one of three pilot construction sites where energy consumption is being closely tracked.

[www.evoreal.de](http://www.evoreal.de)



# Impressions



## Image notes

1

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Stump-Franki is constructing a 14,200 m<sup>2</sup> excavation pit for one of Hamburg's largest new construction projects currently underway.

2

RBO, Hamburg

10,620m<sup>2</sup> of diaphragm wall, 1,845m<sup>2</sup> of diaphragm wall, 14,200m<sup>2</sup> of soft gel diaphragm base, 3,320m of temporary strand anchors and 1,214 VVB Atlas type piles are installed for the excavation.

3

RBO, Hamburg

Sealing base creation on the construction field.

4

RBO, Hamburg

Shaking in the lances.

Do you have questions about the project or would you like to learn more? Feel free to contact us for further information.

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