



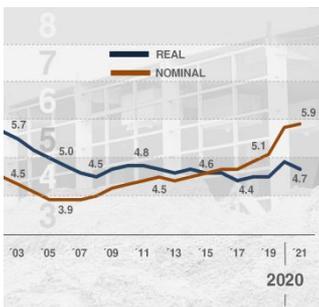
## HCE OPENS NEW OFFICE LOCATION IN POSEN / POLAND

By now it has been a few weeks since moved into our new office in the K9 Business Center in the heart of the Polish city of Poznań. The exact address is: ul. Bolesława Kryśiewiczza 9/15 in 61-825 Poznań.

With the new location of HCE Poland Sp. z o.o., now the third after Warsaw and Szczecin, we are once again significantly expanding our activities in Poland and responding to the constantly growing demand for complex engineering services.

With the additional location, our organization is also growing. We are pleased to welcome new interesting employees to our ranks.

In addition to the area of structural engineering, we have specifically strengthened our team in the areas of contract engineering (FIDIC and Polish building law), road construction, building construction and electricity (here also: inspector services). Our team is German, Polish and English speaking.



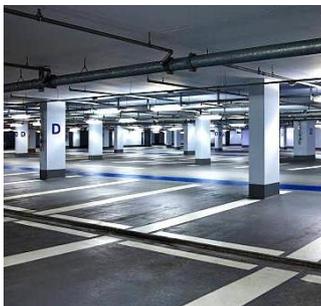
## CONSTRUCTION INDUSTRY CONTINUES TO GAIN IMPORTANCE

According to the Federal Statistical Office, DeStatis, the gross value added (nominal) of the construction industry in Germany continued to rise to 5.9 % in 2021, but remains significantly below the peak value of 7.1 % from 1994.

After the construction industry's share of gross value added declined continuously and significantly in the 1990s until 2007 (lowest value: 3.1 %), it has since been on a recovery course. Between 2019 and 2020 alone, the share increased from 5.1 to

whopping 5.8%.

The Federal Statistical Office last published detailed data per service sector and per employee in the construction industry in June 2019. According to this, the gross value added in building construction ranged from 29.6 to 35.7% per employee/ per year, depending on the size of the company, and in civil engineering from 42.3 to 43.5%.

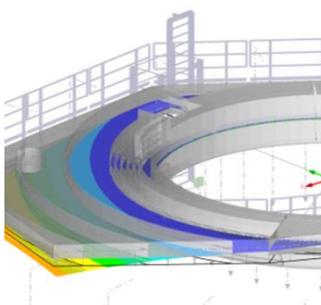


## DEMANDING PROJECTS NEED MORE THAN A WU CONCEPT

Water-impermeable concrete components, also known colloquially as waterproof structures, have a sealing function in addition to their load-bearing and bracing function. The latter function requires professional planning of joint sealing and construction.

The DAfStb guideline (WU guideline), December 2017 edition, of the German Committee for Reinforced Concrete is available for the planning of water-impermeable concrete components.

Based on this guideline all relevant specifications and decisions for the design of the structure must be documented in the waterproofing concept to be prepared by the planner. It is important that the concept is not the only thing to be considered and that all the specialist planners involved are included in the planning. To ensure the success of a project, it is essential to start working on the subject as early as the design phase. HCE now offers you targeted construction consultation meetings.



## OFFSHORE PLATFORMS DESIGNED BY HCE

In the fall of 2021, we announced the receipt of an order for the development of a so-called working platform for monopile constructions of offshore wind turbines.

After a development phase of around 6 months, our research team has now presented the new product in the form of a detailed implementation plan.

The new design is a further development of the first platform generation, which was used for the

HornsRev2 project, among others.

In 2009, HCE was responsible for quality management for the construction of 49 platforms for the project.

In the coming years, the design will now find application in various projects in the North Sea. In addition to these projects, European offshore activities are currently focused on the Polish Baltic Sea coast.

HCE is on site at the coastal location Szczecin.