



# Case study

**Precast** Aarsleff BIZ, Poland





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## What is Maturix?

Maturix is a smart solution for **real-time concrete monitoring** to boost efficiency in the construction industry.

Temperature and strength development are followed and modern technology enables access from anywhere via the cloud.

Flexible hardware, simple online software and true wireless IoT connectivity - all combined into an easy-to-use, yet powerful tool.



# About the case

## Precast Aarsleff BIZ, Poland

### Results

Large precast elements are the speciality of Aarsleff BIZ. The elements are used for wind farms, harbors, tunnels, and many more.

Aarsleff BIZ used Maturix on elements for offshore wind farms, which require extreme durability. With Maturix, they could even cut down the curing time of elements by half in summer while keeping the product quality high. The automatic documentation of temperature and strength development cut down manual work and saved Aarsleff valuable time and money with higher efficiency.

### Benefits



Cut down curing time by half



Automatic documentation



Reducing the number of compression tests



### Location

Swinoujscie,  
Poland

### Project

**89 external platforms**  
28m<sup>3</sup> per element

### Results

**Cutting curing time per platform by half**

“The system is really easy to understand - also for people who haven’t used the Maturity Method and calculations themselves. It is made user friendly and a lot simpler than it is described in all those scientific articles! There really is a balance between keeping it simple and easy to use but still having all the concrete knowledge integrated!”

**Tomasz Dubrawski**

Concrete Quality Engineer, Aarsleff BIZ



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# About Maturix (& Sensohive)

Sensohive was founded with the aim to make it easy to collect, analyze and understand value data for your business through wireless sensor solution.

In 2017 we introduced Maturix, the smart monitoring solution for concrete curing based on the maturity method. In 2021 we add the relative humidity monitoring solution to the portfolio.



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