



Case study

Precast Aarsleff BIZ, Poland





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

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.

Project Overview

Location

Swinoujscie,
Poland

Project scope

89 external platforms
28m³ per element

Results

Cutting curing time per
platform by half

Benefits



Cut down curing
time by half



Automatic
documentation



Reducing the number of
compression tests



Tomasz Dubrawski

Concrete Quality Engineer, Aarsleff BIZ



“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!”



Read full case study [here](#)

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 concrete monitoring solution. The solution is already used by leading companies within the construction industry to monitor the curing process of concrete worldwide. In 2021 we launched the Gaia series – our latest transmitter series with an updated transmitter for temperature monitoring and added a solution for relative humidity monitoring.



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