



Case study

Post-tensioning Warwick University





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

Post-tensioning Warwick University

The world-known Warwick University in England is growing over the next five years including a new Faculty of Arts Building. The 8 story building provides up to 15.000 m2 floor space for research, teaching, office and social space purposes. The design is created by Feilden Clegg Bradley Studios architects and constructed by Bowmer + Kirkland. CCL has been engaged to develop a solution to replace the steel beams using concrete, thus converting reinforced slabs to post-tensioned ones.

Project Overview

Location
Coventry,
England

Project scope
Expanding university
with 8-story building

Results
Optimisation of post-
tensioning time

Benefits



Real time monitoring of
curing process



Know optimal time for
post tensioning




Reduce risk of damage



Luke Kani Zihni,
Senior Precast Engineer, CCL



”With built-in features such as SMS notifications and predicted curing times, the system reduces reliance on the costly use of the conventional cube test methods of compression crushing to determine the strength at a certain point in time, delivering cost savings and eliminating a number of risk factors to improve build quality and reduce future maintenance costs.”

 [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.



Address

Wichmandsgade 1, 1 tv,
5000 Odense, Denmark



Phone

+ 45 88441190



Email

contact@maturix.com
contact@sensohive.com



Website

www.maturix.com
www.sensohive.com