

# Real-time concrete strength monitoring

Increase productivity up to 30%



## Problem

- Early-age concrete strength is one of the main drivers of progress in construction.
- Traditional testing methods do not provide accurate information about in-situ concrete performance.
- Crushing cylinders is time consuming, slowing down progress, which leads to delays and additional cost.

## ConcreteDNA

- Our wireless sensors monitor in-situ concrete temperature and strength development.
- The results are available in real-time and enable safe removal of formwork, post tensioning, saw cutting.
- Instead of waiting for cube results, save time and money with Converge ConcreteDNA.

**We work with some of the world's largest construction companies**



**MULTIPLEX**

**FLUOR**



**keltbray**



**CAREYS**  
WE CARE

**Gammon**

**mace**

**Balfour Beatty**

# Over 8000 sensors across more than 200 projects in the UK, Hong Kong, and Singapore

Slabs | Cores | Tunnels | Foundations | Pre-cast



**PRINCIPAL PLACE**  
CAREYS/MULTIPLEX



**LONDON CITY AIRPORT**  
BAM/BECHTEL



**BATTERSEA POWER STATION**  
PCE/MACE



## Improve productivity

Minimise cycle times to reduce the overall construction time and cost



## Reduce risk

De-risk the concrete programme using in-situ measurements



## Increase sustainability

Optimise your mix design to reduce the carbon impact of your concrete

# Converge Signal

The world's smartest concrete sensors

## Features

- Easy to install
- Compliant with ASTM C1074
- Free Android and iOS App
- Integrate with BIM to view data in 3D
- Predict concrete strength using AI

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