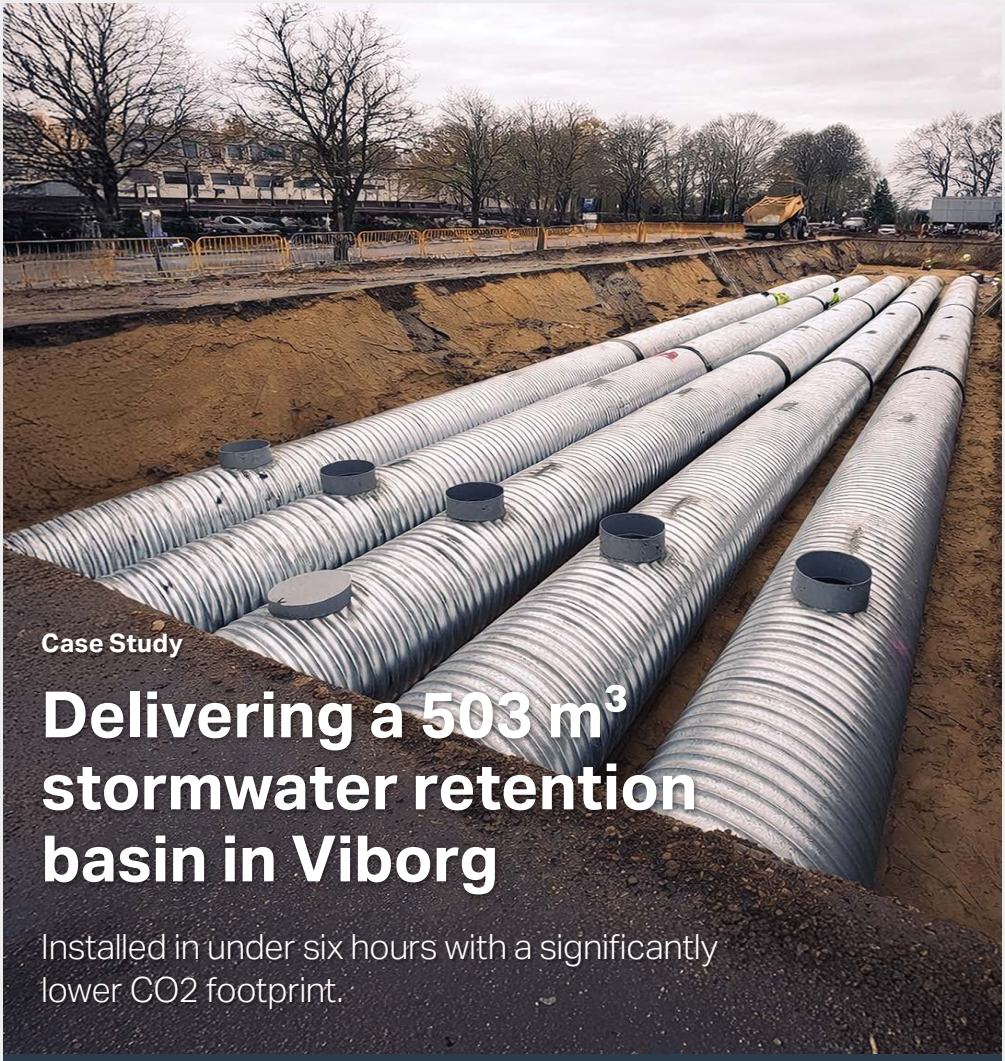

Case Study

Delivering a 503 m³ stormwater retention basin in Viborg

Installed in under six hours with a significantly lower CO2 footprint.

The Challenge

In the heart of Viborg, the client needed a high-capacity stormwater retention basin to support climate adaptation without prolonged disruption to the city centre.

The solution had to fit tight schedules, minimize construction footprint, and deliver verifiable sustainability benefits compared with traditional concrete basins.

Learn more at viacongroup.com

VIACON

The Solution

ViaCon Denmark engineered, delivered, and installed a 503 m^3 steel stormwater retention basin in close collaboration with Energi Viborg, Ahlsell Danmark, and the contractor Søren Bertelsen. Installation began at 07:55 and was completed at 14:45 the same day by two dedicated installers from Sawelco ApS together with our on site representative - demonstrating a rapid, predictable program even in a constrained urban setting.

Technical specification

- Capacity delivered: 503 m^3 retention basin
- Total lenght 322 mtr of pipes
- Diameter Ø1400 mm
- Installation window: 07:55–14:45 (same day)
- Urban integration: Completed with minimal disruption to the city center
- Documented sustainability: Substantial CO2 savings versus a comparable concrete solution, supported by LCA/EPD

The ViaCon Advantage

- Fast installation, minimal disruption.
- Steel solution with documented CO2 reductions compared to traditional concrete basins.
- Our lower component mass and modularity enable efficient transport, handling, and assembly.
- Durable system designed for underground service with standard access for inspection and maintenance.
- Proven delivery model: Coordinated planning with utility owner, distributor, and contractor for schedule certainty.

Read more at

www.viaconacademy.com

Contact us

info@viacongroup.com

VIACON

www.viacongroup.com

Björklundabacken 3, 436 57 Hovås, Sweden

V-3-3002-DKSW-CAS-DK-A01