



# COFRA COMPANY PROFILE



# BUILDING WORLDWIDE ON OUR STRENGTH

Building Worldwide on our Strength has been Cofra's appropriate motto for many years. Innovation, reliability and professionalism are embedded in our DNA. All techniques we use have been developed and/or improved in-house based on our pragmatic approach. They are compliant with the latest quality and safety standards. Whatever you seek – from standard to complex services – Cofra can provide tailor made, innovative and cost-effective solutions for your project.



## **Our history**

Cofra is an experienced and sound partner in soil improvement techniques, founded in 1923 in the Netherlands. Originally acting as an Amsterdam based contractor with local operations, the company has evolved into a respectable international ground improvement specialist with several branch offices and an extensive network of agents. Cofra's 2006 join with Royal Boskalis Westminster, a leading dredging and marine expert with international operations, has strengthened its position worldwide.

## **Our core values**

Innovation, reliability and professionalism are Cofra's primary core values. The Cofra 'Way of Working' stands for focus on quality and safety standards, compliant with oil and gas industry. Its proactive approach, and in-house designed advanced equipment, among other things, have earned Cofra a leading position as a ground improvement specialist. Its long track record and in-house geotechnical department make Cofra a reliable international knowledge partner in civil engineering.

## **Our techniques**

Cofra specializes in ground improvement and environmentally-protective barrier techniques. With our consolidation-, element based- and compaction techniques we provide the solution for construction site preparation in, amongst others, infrastructure- and land reclamation projects. With our water barrier techniques we provide solutions in infrastructure projects as well as on landfill sites. With our state-of-the-art equipment and geotechnical engineering department, we provide a customer driven service to fit within your schedule and expectations.

# LEADING PLAYER IN GROUND IMPROVEMENT



SEGMENT	CONSOLIDATION	COMPACTION	ELEMENTS	BARRIERS
<b>PURPOSE</b>	<ul style="list-style-type: none"> <li>- Accelerate settlement</li> <li>- Increase strength of subsoil</li> <li>- Reduce residual settlement</li> </ul>	<ul style="list-style-type: none"> <li>- Increase density</li> <li>- Increase bearing capacity</li> <li>- Increase safety against liquefaction</li> </ul>	<ul style="list-style-type: none"> <li>- Transfer load to bearing strata</li> <li>- Increase bearing capacity</li> <li>- Increase safety against liquefaction</li> <li>- Reduce residual settlements</li> </ul>	<ul style="list-style-type: none"> <li>- Obstruct waterflow</li> <li>- Obstruct sediment erosion</li> <li>- Non-structural elements</li> <li>- Prevent spreading pollution</li> </ul>
<b>ACTIVITIES</b>	<ul style="list-style-type: none"> <li>- Prefabricated Vertical Drains (PVD)</li> <li>- Vacuum Consolidation (BeauDrain)</li> </ul>	<ul style="list-style-type: none"> <li>- Cofra high impact Roller Compaction (CRC)</li> <li>- Cofra Dynamic Compaction (CDC)</li> <li>- Dynamic Compaction (DC)</li> <li>- Cofra Vibro Compaction (CVC)</li> </ul>	<ul style="list-style-type: none"> <li>- Geotextile Encased Columns (GEC)</li> <li>- Cofra Stone Columns (CSC)</li> <li>- Dynamic Replacement (DR)</li> <li>- Concrete columns (AuGeo)</li> </ul>	<ul style="list-style-type: none"> <li>- HDPE vertical barrier (up to 30m depth) (Geolock)</li> <li>- Vertical Sand Barrier (anti piping) (VZG)</li> <li>- Trenched MIP walls</li> <li>- Trenched liner barrier (up to 5m depth)</li> <li>- Liners</li> </ul>

Royal Boskalis Westminster is a leading global marine contractor and services provider. Boskalis operates in the field of dredging, reclamations offshore energy and maritime services

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