



# **International BV Coasts Deltas Rivers Ports Company Presentation**





# The Company

CDR International B.V. (CDR), founded in 2012, and celebrated its 10 years anniversary in 2022, is an independent medium-sized Engineering Consultancy firm in the Water Sector, operating globally and having its roots in the Netherlands. CDR is an acronym for Coasts, Deltas and Rivers.

CDR is active in the field of:

- Coastal Protection and Marine Structures
- Dredging, Reclamations and Land Development
- Port Master planning and Inland Waterway Transport
- Climate Change Vulnerability and Adaptation
- Flood Risk and Urban Water Management
- High-end numerical Modelling and Simulations.

Our professional services cover the range from project inception development, (bankable) feasibility studies, climate change vulnerability and adaptation studies to whole project life inputs - from conceptual to detailed design and value engineering through to construction supervision and added-value advice during implementation.

We offer our services to the private and public sector including International Financial Institutions signatory to the Equator Principles.

If and when required, we operate in conjunction with a wide range of strategic partners and a cloud of senior experts offering specialist services. We endeavour to distinguish ourselves by taking into consideration the implement-ability of our design solutions, based on having expert knowledge of the environmental conditions and construction resources present within the setting of all our projects.

CDR International B.V. is based in the Netherlands and is affiliated with independent CDR offices in Nigeria, Tanzania and Senegal, delivering services to regional markets.





Coastal Protection and Marine Structures



Dredging, Reclamations and Land Development



Port Master planning and Inland Waterway Transport



Climate Change Vulnerability and Adaptation



Flood Risk and Urban Water Management



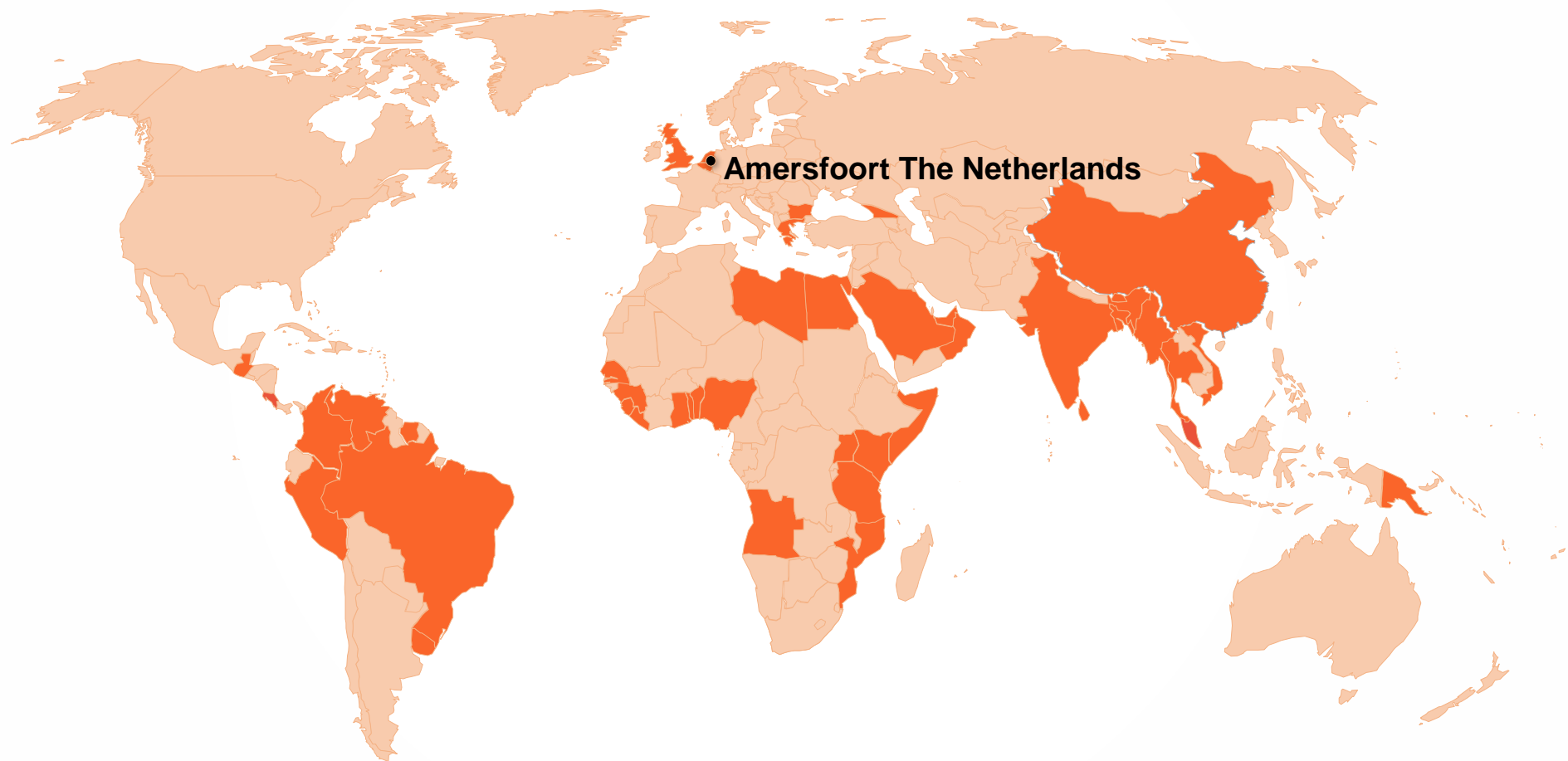
Metocean and hydrodynamic modelling

## Core Business

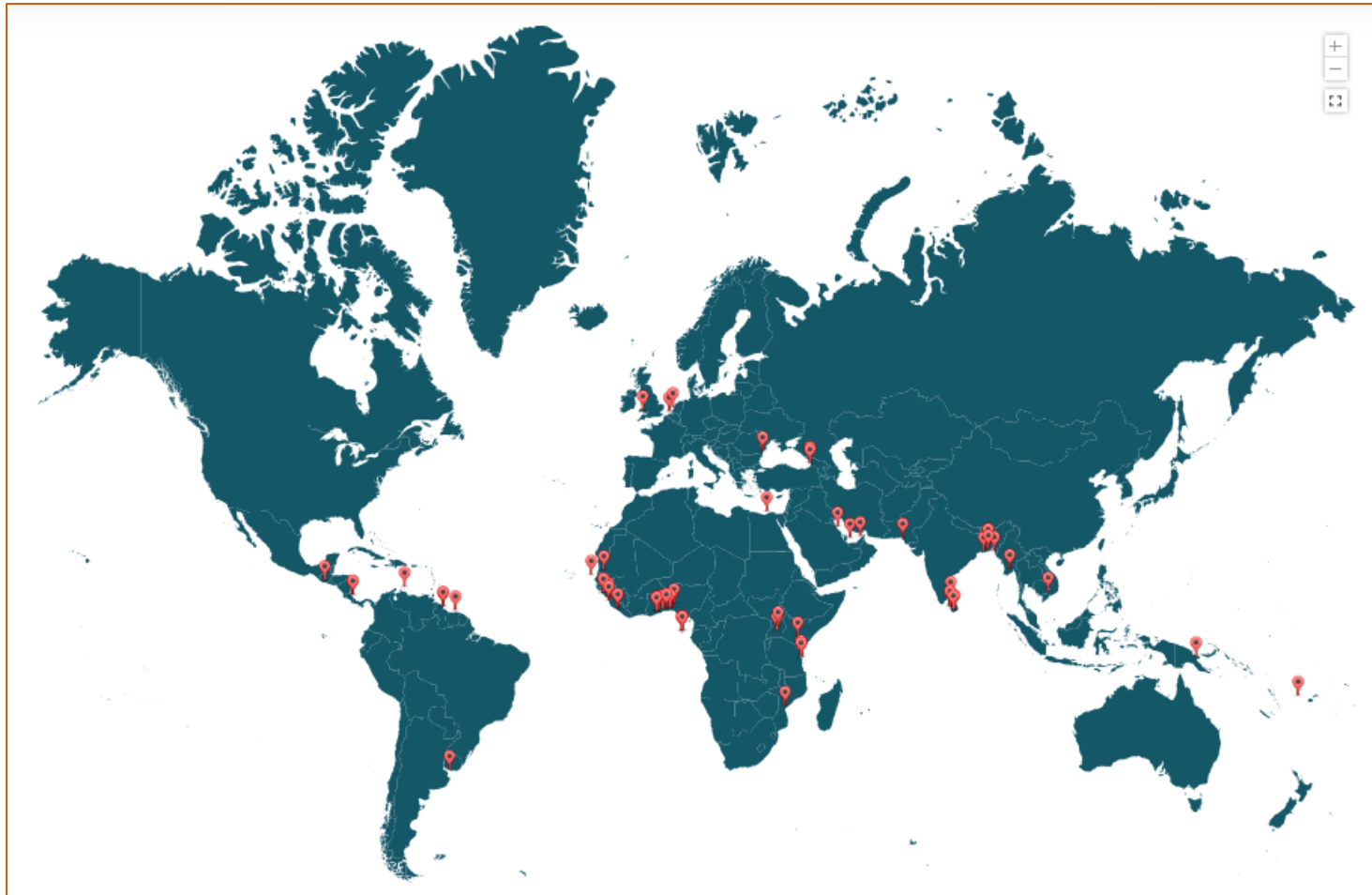
- **PORT DESIGN: PORT MASTER PLANNING, BREAKWATERS, NAVIGATIONAL AIDS AND NAUTICAL MOORING STUDIES**
- **MARINE DESIGN ENGINEERING: BREAKWATERS, GROYNES, REVETMENTS, BEACH NOURISHMENT**
- **COASTAL AND RIVERINE SHORELINE PROTECTION AND RECLAMATION WORKS**
- **INLAND WATERWAY TRANSPORT STUDIES**
- **LAND RECLAMATION SCHEMES: HYDRAULIC FILL, SOIL ENGINEERING, HYDRAULIC PROTECTION**
- **THIRD-PARTY VERIFICATION AND (MODEL)TESTING OF HYDRAULIC STRUCTURES**
- **BREAKWATERHEALTHSCAN<sup>®</sup>**

- **HIGH-END NUMERICAL MODELLING FOR WATERWAYS, PORTS AND COASTAL AREAS**
- **GIS APPLIED TO MARITIME, COASTAL, AND RIVER DISCIPLINES**
- **CONCEPTUAL URBAN PLANNING AND URBAN DRAINAGE SCHEMES**
- **SHIPYARD AND SHIP REPAIR YARD DESIGN**
- **WATER MANAGEMENT MASTER PLANNING**
- **FLOOD MANAGEMENT AND FLOOD PROTECTION SCHEMES**
- **HURRICANE AND CYCLONE STUDIES, EARLY WARNING SYSTEMS**
- **BATHYMETRIC AND TOPOGRAPHIC SURVEYS**
- **GEOTECHNICAL ENGINEERING STUDIES**

## Operational Areas



## Projects Executed





# Projects

1. Rehabilitation Storm Water Drainage System Beira – Mozambique
2. Design and Supervision Sandbar Breakwater, Nigeria
3. Design and 3D Physical Model Testing, Papua New Guinea
4. Revetment Moín Container Terminal, Costa Rica
5. Solutions for Coastal Erosion, Bangladesh
6. Improvement Break waters Port Quetzal, Guatemala



Link: <https://cdr-international.nl/projects/>



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7. Colombo Port City Development and Supervision, Sri Lanka
8. Feasibility Study for Performance Based Dredging of the Odaw river and Korle Lagoon, Ghana
9. Bank Protection Design Gelephu, Bhutan
10. Flood Management Feasibility Study for the Msimbazi Middle Catchment Area, Tanzania
11. Marine Drive Expressway and Coastal Protection, Bangladesh
12. Navigation with Nature Chindwin River, Myanmar





## Our Team

- **Enthusiastic** and **committed** junior, mid-level and senior experts;
- **Flexible** and **highly educated** engineers (BSc and MSc), offering high quality and expertise with competitive prices;
- Core team of all-round engineers, cooperating with specialists, **experts** and specialised companies selected for each project;
- Since several of our team have in depth site experience on relevant global projects, we are capable of **merging theoretical and practical aspects** in our engineering studies and deliverables;
- Several of our senior staff have previously been employed for **international maritime contractors** and/or **global port operators**;
- Good **network with international contractors** at high-level, in particular in Belgium, the Netherlands and Asia;
- Business Focus is on **high quality and practical** Design, Dredging and Land Reclamations, Port Engineering and (Value) Engineering of Marine Structures.

Link: <https://cdr-international.nl/team/>



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