

# Project Lubmin:

High-temperature resistant pipes for the grid connection of offshore wind parc clusters in the baltic sea

## Project data

Project description :	Grid connection of the offshore wind parc cluster „Westlich Adlergrund“ and „Arkona See“
Challenges:	Construction of an empty duct system for 220 kV cables by using the horizontal directional drilling method
Solution:	A modified PE-HD with an additional high thermal stability
Installation:	Trenchless method: horizontal directional drilling
Pipe material used:	3.960 m ege-com® Macroduct High-T PE 800x58,8 mm 44.300 m ege-com® Macroduct High-T PE 250x22,7 mm Including fittings
Parties involved in the project:	Ordering customer: 50 Hertz Offshore GmbH Construction: ARGE HDD Lubmin (Matthäi / Matthäi Wasserbau / Beermann) Drilling: Firma Beermann Bohrtechnik GmbH Welding: Tias Tiesler Tief und Hochbau GmbH

