

ARAL

BP

EXXON MOBIL

JET

SHELL

VALERO

2017

Company of the year

**BusinessandIndustry**  
today

## WHY CORNELSEN?

- Over Fifteen years and 1000 projects across Europe
- Process engineering expertise – remediation & water treatment
- Experience with technically challenging projects
- Reputation for process safety & ATEX design competency
- Recognised for a strong Health and Safety ethos
- Partnered with the most experienced thermal remediation experts
- Team-focused, develop and maintain trust with clients
- Superior service with repeat business

## WHAT WE OFFER:

- Guaranteed systems performance, operation and optimisation services
- Design and build of speciality & innovative process plants for both remediation and water treatment
- The widest range of in-situ thermal remediation solutions in Europe:
  - *Electrical Resistance Heating*
  - *Thermal Conductive Heating*
  - *Steam/Air Sparging*
  - *STAR and STARx Slow Combustion*
- PerfluorAd - the only cost-effective treatment solution for PFAS contaminated groundwater



ATEX Explosion  
Protection Design  
& Competency



# Petrochemical Remediation Synopsis



**ATEX rated High Vacuum/Multi-Phase Extraction System with LEL sampling system**



**ATEX rated Catalytic Oxidiser**



**ATEX Rated SVE system with Automated Dilution Air & Soil Gas valves for optimised CatOx treatment**



**Air Stripper System - Berlin**



**5000m<sup>3</sup>/hr SVE system with Biofilter and 75 Pneumatic Total Fluids Pumps**



**SVE System with acoustic adaptation to achieve 45 dB(A) at site boundary**