

CURRICULUM VITAE

Personal details

Name H.W.H. (Hugo) Engelen
Nationality Dutch
Date of birth 27 June 1983
Function Geotechnical advisor
E-mail



Education

TU Delft Master Geotechnical Engineering, tracks Foundation Engineering & Underground Space Technology

The Hague University of Applied Sciences Civil Engineering, minor hydraulic engineering

Christelijk Gymnasium Utrecht

Courses

Foundations for offshore wind turbines, PAO (2023)

Piled foundations, PAO (2022)

Deformation process of shallow foundations, PAO (2021)

Soil mechanics and foundation methods 1 (CGF-1), PAO (2020)

Workshop on modelling undrained soil behaviour, Plaxis Academy (2019)

Workshop on material models and parameters, Plaxis Academy (2018)

Workshop on modelling dynamics in Plaxis 2D, Plaxis Academy (2017)

VCA (2016)

Certificate in Advanced English, Council of Europe Level C1 (2004)

Work experience

Geobest B.V. 2017 - present
Geotechnical advisor

Plaxis B.V. 2009 – 2010
Software Quality Engineer

Van den Herik Kust- en Oeverwerken feb 2006 – aug 2006
Internship/work planner/foreman

Ingenieursbureau Gemeentewerken Rotterdam feb 2005 – jul 2005
Internship

Detailed experience

Multiple national and international industrial projects using Enviro-Mat® soil stabilisation (2017-present)

Multiple national wind farm projects using geosynthetic reinforced soil (2019-present)

Multiple (inter)national drivability projects (2021-present)

Geotechnical design solar park foundations, multiple projects NL+BE (2017-present)

Geotechnical design multiple soil injection projects (NL) (2019-present)

Geotechnical design road foundation using foam glass by-pass Hoedekenskerke (2024)

Geotechnical engineering foundation solar powered battery packs Efteling, Kaatsheuvel (2024)

Geotechnical design CSM wall Abu Laheq Island, Saudi Arabia (2023)

Drivability study for XXL monopiles offshore wind farm Awel Y Mor, North Wales, UK (2023)

Geotechnical engineering foundation and building pit Lumière Tower, Rotterdam (2023-present)

Geotechnical engineering quay wall Havenkade, Wassenaar (2022)

Geotechnical engineering apartment complex Dr. Huber Noodtplaats, Doetinchem (2022-present)

Plaxis 3D assistance foundation offshore wind project Fujian Changle, China (2021)

Geotechnical engineering storage settling tank and tilting weir Corio Glana, Sittard (2020)

Geotechnical engineering storage basin de-icing platform, Schiphol (2020)

Plaxis 3D-analysis lifetime extension Langshaven quay wall, Wijk bij Duurstede (2019)

Geotechnical engineering Blackstart facility EnecoGen power plant, Rotterdam (2019)

Enlargement underground parking garage adjacent to anchored CSM wall Hondsrugtunnel, Emmen (2019)

Geotechnical design and monitoring elevator shafts and tunnel Castricum station (2018-2020)

Design crane hardstands and storage areas Dangote Refinery, Lekki, Nigeria (2018)

Design crane hardstands and storage areas Guris windfarm, Ovidiopol, Ukraine (2018)

Geotechnical assessment existing cofferdam roll-on/roll-off quay wall Zevenaarhaven, Terneuzen (2018)

Geotechnical engineering reconstruction susceptible to settlements Heulweg, Vinkeveen (2017)

Geotechnical engineering sewer line replacement, Oost-Souburg (2017)

Geotechnical design earth bund and gabion walls Veldhuizen, Harmelen (2017-2022)

Coaching and supervision of junior colleagues (2021-present)

Languages

	Speaking	Writing	Reading
Dutch	native	excellent	excellent
Engels	very good	very good	very good
Duits	good	good	very good
Frans	basics	basics	good

Committee Memberships

Treasurer of the 4th board of The Ondergrondse

Student member of the KIVI TTOW board

Software

Plaxis 2D & 3D, GRLWEAP, D-Foundations, D-Geo Stability, D-Settlement, D-Sheet Piling, MS Office