PDEng position in ZERO BRINE project

Introduction
Would you like to extend your knowledge, practical work experience and get a professional doctorate degree in the water sector in only two years’ time?

Faculty of Civil Engineering and Geosciences of Delft University of Technology (TU Delft) offers a new type of doctorate program called PDEng in Civil and Environmental engineering. During the PDEng program, you will find a solution for a practical, integrated and complex problem in cooperation with a (water) company or engineering agency. You study 2 days per week at the TU Delft and apply your learnings 3 days per week on the project at the water company.

Job Description
Your job will consist of running the pilot plant, developing testing and measurement programs, and coordination the tests and data processing. You will use the test results to design the first industrial demonstration plant for the recovery of minerals, salt and water from industrial brines. You will collaborate with process operators of Evides Industriewater, with technology suppliers in The Netherlands, Italy and Greece, and you will be part of the TU Delft Technical Coordination Team.

Location
During the first year, most of the work will be done at the pilot location in the Botlek industrial area. During the second year most of the work will be done at the TU Delft.

Requirements
We seek candidates with the following qualifications:
- A master degree preferably in civil, chemical or environmental engineering
- Affinity with physio-chemical treatment techniques and industrial pilot plants
- Aspiring a career in the industry
- Excellent command of Dutch and English
- Driver’s license

Conditions of employment
TU Delft offers:
- A customizable compensation package; a discount for health insurance and sport memberships and a monthly work costs contribution
- Flexible work schedules
- An International Children’s Centre offers childcare and an international primary school
- Training to improve English competency
- Compulsory and elective courses suitable for the project
- Proper guidance for the project from TU Delft Sanitary Engineering staff
- A stimulating working environment both at TU Delft and at the pilot location

Information and application
Please visit www.ceg.tudelft.nl/pdeng-ce for more information. For any additional information, you are also welcome to contact: Amir Haidari, phone: +31 (0)15 – 27 87337, e-mail: a.h.haidari@tudelft.nl

To apply for this position, please send a filled application form (https://www.tudelft.nl/en/ceg/education/postgraduates/pdeng-civil-and-environmental-engineering/admission-application/) and all required documents mentioned on the application form to PDEng-CEG@tudelft.nl.

Start of program: February 2019