



## Graduate Surface Engineering Training Program

### THE ISSUE

Seplat Petroleum Development Company is a young Nigerian E & P company who needed to train graduate engineers to attain upstream (mechanical (piping / pipeline) & civil) engineering competencies. Seplat thus required a training provider that had demonstrable training delivery experience as well as a deep understanding of the nuts and bolts of the Oil & Gas facilities engineering discipline.

### PROJECT SCOPE

The surface engineering classification is related to the engineering endeavor required to design, fabricate, install and operate surface facilities in an oil and gas field. The Graduate Surface Engineering Training Program involved curriculum development, project management, classroom instruction / facilitation and post-training assessments to ensure effective knowledge acquisition and certification

### OUR SOLUTION

Working with, and in alignment with the client's unique demand and identified knowledge gaps, Ofserv designed and developed a bespoke surface engineering program in line with global upstream facilities engineering competency development matrix. Thirteen multi-discipline engineering graduates were trained over a period of nine weeks. A total of nine facilitators with over 100 years of combined practitioner experience in the various fields of expertise facilitated the training program. Disciplines covered included – Pipeline Engineering, Piping Engineering, Material Science & Corrosion Management, Risk Based Inspection and NDT, Mechanical Vibration Analysis, Reliability & Maintenance Strategies, and Mechanical Engineering Software Appreciation, Principles of Structural Engineering, Foundation Design, Steel Structure Design, Concrete Structure Design, Offshore Structure Design, Construction, and Structural Engineering Software Appreciation.

The training program was successfully delivered within schedule, scope and budget with certifications awarded to the participating graduate engineers.



#### Location

Lagos, Nigeria

#### ManHours

6,344

#### Safety Statistics

Zero LTI

#### Status

Completed IQ 2019