



**Presentation  
international activities**

**SOTS**  
KURSENTER



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**Stavanger Offshore Technical College** is a public college located in Stavanger, Norway. The college has 150 years of tradition as a maritime institution and has since then followed Norwegian oil industry to become a leading institution in oil and gas.

SOTS currently has about 500 students at the level of vocation school and technical college. SOTS has a competent staff within the area of oil and gas as well as modern facilities and equipment/simulators.

Summary of the college main areas:

- Petroleum Engineering/Process / Chemistry
- Electrical / automation
- Technology and Industrial Production
- Construction
- Marine





**SOTS Course Center** is a commercial division of the college.

Yearly the course center has around 3000 participants in various kind of courses and education

The center is approved by Norwegian Maritime Directorate and Oil operators union, as well as certified by DNV and Norwegian Certification. Main areas of training and education:

The center has a wide range of workshops and labs, including full-scale safety center and center crane/lifting . Our main areas are:

Oil and gas	Process	Mechanical	Electro
Safety	Crane/lifting	Crisis Man.	Management

# Introduction

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SOTS has taken part in various types of projects abroad. Doing projects abroad is always challenging. Even in Europe cultural and technical differences will be challenges in project. In other continent like Asia and Africa these challenges are even more hard to overcome. The following presentation gives examples of projects SOTS has taken part in abroad with various degrees of complexity.

- A. Consultancy
- B. Internet based concepts
- C. Training of personnel
- D. Institutional cooperation
- E. Local presence

# A. Consultancy

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Ghana is a coming hub in and oil producing country.

Worldbank is launching programs assisting Ghana government in development of the oil industry.

Øystein Førsvoll from SOTS has been working as consultant for the Worldbank to assist in setting up a education structure for educating local workforce for the oil industry.

Assistance was both setting up education structure, proposing standards, and assisting education institutions in developing education and training concepts.



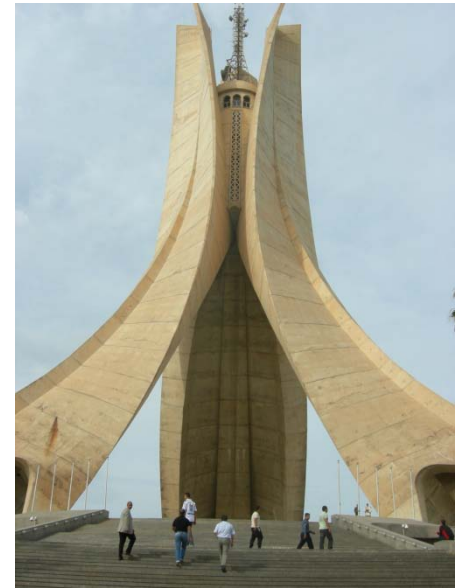
# B. Concept development

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On request from Statoil SOTS participated together with IRIS developed a 6 month training program for Drilling supervisors.

The projects purpose was to train engineers to become Drilling supervisors for Statoil and the national oil company Sonatrach.

The concept involved producing complete training package with duration of 12 weeks and included special developed books from Vett og Viten.



# C. Internet based concept

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SOTS has developed a new educational program for Seadrill personnel. Technical college petroleum is a training program, which has an stipulated duration of 2,5 years.

The program aims at educating drilling technicians, which is grade between skilled workers and engineers. Drilling technicians will have sufficient professional competence to supervise operational personnel onboard drilling units.

The program makes it possible to combine studies with work as well as to participate worldwide. Close to 100 Seadrill employees with 15 different nationalities has been enrolled in the program.

TCP:

Read more at:

<http://www.seadrill.com/tcp/>



# D. Training of personnel

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In 2005 SOTS carried out a training program for local staff for Vetco Aibel.

Five employees from Equatorial Guinea received training in Process in Stavanger.

After completing the exam in Norway the participants have worked as process operators on board the ship Sendje Ceiba off the coast of Equatorial Guinea.

We are pleased that the participants have completed their apprenticeship and received a Norwegian Craft Certificate.





# E. Institutional cooperation

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Instituto Nacional de Petroleos is a public oil and gas education institution in Angola under Ministry of petroleum. SOTS has cooperated with INP since 2002 in several projects funded by INTSOK members, Statoil and NORAD. The goal for one of the projects was to assist INP in starting a new study within "Subsea". Since the study started 100 students have been employees with subsea companies in Angola.

The program has involved:

- Train the trainers both in Stavanger and Luanda
- Practice in subsea companies
- Purchase and logistics of equipment, bringing in training equipment within mechanical and hydraulic disciplines and safety from South Africa/Namibia to Angola.

The project also assisted in developing a new Curriculum and mentoring the local teachers in Angola after starting up the study.



# E. Institutional cooperation - continue

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In 2010 SOTS together with Danish partners took part in a project assisting a college in Vietnam.

Dung Quat College had received new equipment in several disciplines and a train the trainers program was performed.

The trainings first part took part in Denmark and Stavanger focusing on education methods and pedagogic.

Second part took place in Vietnam at the college focusing on training on the new equipment. SOTS was especially involved in process and laboratory training.



# E. Local presence

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In long-term programs involving many activities permanent presence or office is one way to secure communication and follow-up.

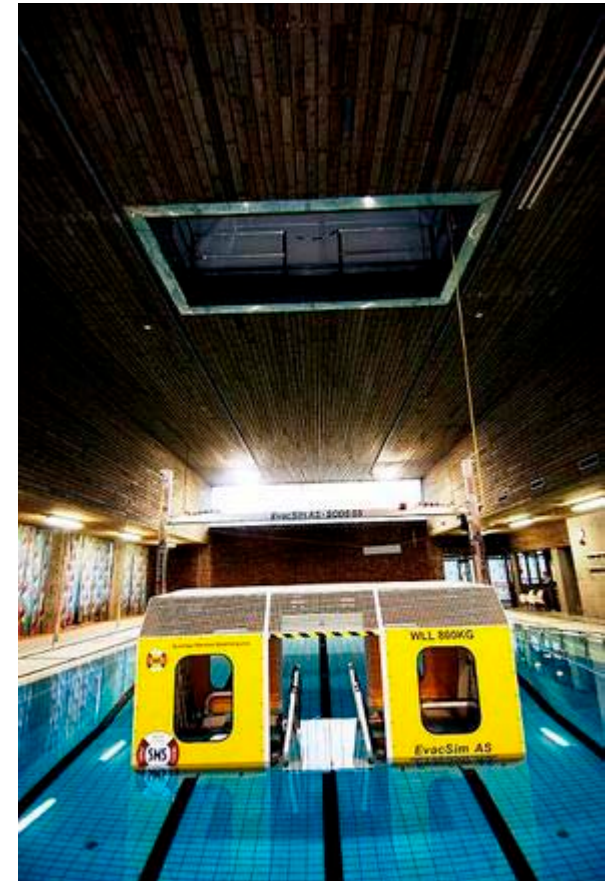
In the INP project SOTS established an office in Namibia assisting in the activities in Angola and the logistics of personnel and equipment.



# Norwegian activities

Some examples of activities in Norway:

- Process operator training - Statoil
- Safety courses – Seadrill
- HVAC courses – ConocoPhillips
- Pipe-handling simulator courses – COSL
- Hydraulic courses – OFIR
- Marine manager rig course – rig companies
- Crane/slinging course – Seawell
- Technical college – rig companies
- IWCF well control courses - various



# Contact information

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