



NEBOSH Social Purpose – Case Study Request Form

Thank you for supporting this case study. Please complete as much of this form as you feel comfortable with. Stories may be anonymised if preferred.

1. About You

Name: Heythem Mahmoudi

Job role/type of work: HSE Engineer

Organisation/workplace: Sonatrach

Country/region: Algeria

2. Before the Project

What safety or health challenges were common in your work?

As an HSE Engineer working in the oil and gas industry, I am involved in managing a wide range of occupational health, safety and environmental risks. While safety risks are generally well understood and actively managed, I realised that environmental aspects sometimes receive less attention during routine operations.

Activities such as waste management, chemical handling, fuel storage, resource consumption and pollution prevention require continuous monitoring and control. I wanted to improve my understanding of environmental management and gain a more structured approach to identifying and controlling environmental impacts associated with industrial activities.

How did these issues affect you or others? (e.g. lack of PPE, unsafe practices, limited awareness, long hours, heat, stress, no training etc)

Environmental issues can affect not only the organisation but also employees, contractors, local communities and the environment itself. In a high-risk industry such as oil and gas, even small environmental incidents can result in pollution, reputational damage and unnecessary operational costs.

Although I already had a good HSE background, I felt that strengthening my environmental knowledge would allow me to contribute more effectively to environmental protection and sustainable operations within my workplace.

3. Your Experience with the NEBOSH-supported activity

What training, support or activity did you take part in?

I completed the NEBOSH Environmental Management Certificate (EMC) through Safeness as part of my professional development.

The course provided a practical understanding of environmental management principles, environmental aspects and impacts, pollution prevention, waste management, resource efficiency and environmental management systems.

As someone working in the oil and gas sector, I found the course highly relevant because the examples and concepts could easily be related to the activities I encounter in my daily work.

What did you find most useful or memorable?

The most useful part of the course was learning how to systematically identify environmental aspects and evaluate their potential impacts.

I particularly appreciated the practical approach used throughout the training. Rather than focusing only on theory, the course encouraged me to think about how environmental management can be applied in real workplace situations.

Did anything change in your understanding, confidence, or behaviour?

Definitely.

Before taking the course, I mainly viewed workplace risks through a health and safety perspective. The training helped me develop a broader understanding of how operational activities can affect the environment and how environmental risks should be managed proactively.

It increased my confidence when discussing environmental issues, conducting inspections and reviewing work activities. I also became more attentive to environmental aspects during routine HSE inspections and risk assessments.

4. What has changed since?

Have you taken any new actions at work as a result?

Since completing the course, I have incorporated environmental considerations more actively into my daily HSE activities.

During site inspections, I pay closer attention to waste management practices, chemical storage arrangements, spill prevention measures and housekeeping standards. I also consider environmental impacts more thoroughly when reviewing risk assessments and work activities.

The course has helped me adopt a more proactive approach towards environmental protection rather than focusing solely on compliance requirements.

Have you shared learning with colleagues?

Yes.

I have shared key concepts and lessons learned with colleagues and contractors during toolbox talks, safety meetings and day-to-day discussions on site.

I encourage workers to consider the environmental consequences of their activities and to recognise that environmental protection is everyone's responsibility, not only that of the HSE department.

Has anything in your workplace improved or become safer?

The knowledge gained from the course has helped me contribute more effectively to environmental awareness initiatives within the workplace.

Environmental considerations are now more frequently discussed during inspections and operational reviews, particularly regarding waste management, pollution prevention and housekeeping practices.

Although workplace improvements are always the result of teamwork, I believe the course has enabled me to play a more active role in promoting good environmental practices.

How has this impacted you personally (confidence, wellbeing, communication etc)?

The course has strengthened my confidence as an HSE professional and expanded my competence beyond traditional safety management.

It has improved my ability to communicate environmental issues clearly and provide practical recommendations for improvement. It has also given me greater confidence when engaging with management, contractors and workers on environmental matters.

Overall, the qualification has helped me become a more well-rounded HSE professional.

5. Additional Comments (optional)

Anything else you would like to add about your experience or the project.

The NEBOSH Environmental Management Certificate has been a valuable learning experience and an excellent complement to my existing HSE qualifications.

I would like to thank Safeness for the quality of training and support provided throughout the course. The programme has enhanced my understanding of environmental management and provided practical knowledge that I can apply directly in my role as an HSE Engineer.

I believe the course will continue to benefit both my professional development and the organisations I work with by helping me contribute more effectively to environmental protection and sustainable workplace practices.

6. Permissions

Please tick one:

- ☒ I am happy for my name and story to be used publicly.
- ☐ I prefer to remain anonymous, but I allow my story to be shared.
- ☐ I do not want my story shared outside of the project team.

Photos

☒ I give permission for a photo of me to be used.

☐ I prefer not to include a photo.