

IOGP Subsea Committee workshop Subsea Carbon Capture and Storage (CCS)

19th & 20th October 2022

Workshop Summary



Acknowledgements

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A two-day workshop was held by IOGP's Subsea Committee on defining the role and requirements for subsea systems in the carbon capture space. The workshop included representatives from IOGP Member Companies, including both operators and suppliers.

Introduction

As part of the 2022/2023 workplan, the IOGP Subsea Committee committed to defining the role and requirements for subsea systems in the carbon capture space. The Committee will assess the position of subsea systems in CCS, assess existing guidelines, and issue industry recommendations to standards developing organizations.

The first step of the work plan was for the IOGP Subsea Committee to host a workshop in October 2022. The goal was to solicit perspectives and inputs from operators and suppliers to establish an understanding of key industry issues and needs. This will aid to identify potential work areas for a proposed Subsea CCS Expert Group.

IOGP intends to take the lead with the Subsea CCS Expert Group. Subsea CCS systems are part of an emerging field and it is critical that the industry not duplicate efforts as different actors work to establish good practices. Our understanding is that API are taking a monitoring position on CCS and will potentially incorporate IOGP work in API's future efforts.

Workshop topics and objectives

The workshop was convened with the following objectives:

- Provide an introduction to CCS systems and subsea applications to Members not familiar with the technology
- Keep Members abreast of ongoing and planned CCS developments
- Keep Members abreast of subsea CCS technology development
- Provide Members with an overview of key CCS risk areas
- Provide a forum for open discussion by operators and suppliers on the above topics
- Identify and align on areas for IOGP Subsea Committee Member work in respect to subsea CCS systems

Conclusions

Standardizing and joining forces with suppliers will help drive the subsea CCS agenda forward. There are several projects targeting start-up in the next 3-5 years and many more within the 10 years.

It is evident that there is a clear desire for collaboration, as an industry this initiative cannot be achieved without it. The IOGP Subsea Committee will continue to gain alignment and help guide supplier development for broad applicability – designs that can be used universally and not bespoke. The next stage is for the IOGP Subsea Committee to set up a Subsea CCS Expert Group.

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