



## Expert Witness Services

### Expert witness services

Cron dall Energy's technical experts offer a comprehensive expert witness capability for the full-spectrum of floating production and subsea engineering, construction and operational issues.

Cron dall Energy's worldwide operations enable our experts to combine local knowledge with global best practice. This offers an unparalleled breadth of experience of the appropriate technologies and practices employed on projects globally that can be used to support client's disputes.

Cron dall Energy's team comprises a diverse range of technical specialists with the education, training and years of industry experience necessary to make the informed judgements required of an expert witness and to provide an opinion on technical matters during the preliminary development of a case. A number of Cron dall Energy's team have specific training and experience as expert witnesses.

Cron dall Energy leverages this significant project experience to deliver credible expert witness services in a wide range of key areas including:

- Project management and project delivery;
- Project cost and schedule issues;
- FPSO and FLNG topsides design, specification and operation;
- Hull and topsides structural design including structural fatigue;
- Turret mooring and riser design;
- FPSO installation;
- Operational issues;
- Subsea equipment and production systems;
- Subsea pipelines, risers and umbilicals.

### Track record

Cron dall Energy engineers have provided expert witness support to a number of confidential projects. Past services include:

- FPSO structural failure;
- FPSO project cost disputes;
- Pipeline buckling (both lateral and upheaval);
- Subsea component failure;
- Pipeline and riser installation failures;
- Pipeline anchor damage dispute;
- Tax and valuation disputes;
- Ready for startup disputes.

### Case Study - R&D tax claim

Cron dall Energy provided expert witness services for an R&D tax dispute.

Cron dall Energy's team reviewed contemporary FPSO designs of comparable size; throughput and regulatory regime to identify the state of technology at the time of the FPSO project delivery.

Thereafter, Cron dall Energy's engineers reviewed a large number of the project's FEED and detailed design deliverables to identify what might or might not have qualified as R&D expenditure at the time the project was executed.

Cron dall Energy produced a detailed technical report outlining specific design features and scope areas that were non-standard and could potentially qualify for tax relief.

