

# Company overview



Astrimar is a **leading authority** in **reliability** and **integrity assurance** for all sectors of the **energy** industry.

With offices in Aberdeen, London and Houston, our globally recognised team has decades of experience in providing highly effective solutions and best practice for reliability and integrity assurance in the energy industry.



*"Our passion is to help clients understand and prevent failures by incorporating reliability into everyday business"*

Professor John Strutt  
Technical Director, Astrimar

Our goal is to provide a high quality service with a strong focus on identifying and implementing the best possible reliability strategies for clients' individual needs and economic success.

Our independent status combined with strong client relationships are incredibly important to us and play a vital part in our approach.

We provide **specialist consultancy** services tailored to our clients' individual needs, from design to operations.

At Astrimar we pride ourselves on the depth and breadth of specialist expertise we have built up in the energy sector, right across the field of reliability engineering.

*"Astrimar is influential in the development and implementation of reliability best practice within the oil and gas industry".*

Our clients are major operators, system designers, engineering houses, contractors and equipment suppliers.

Our success is based on the quality of our people. They are definitely our greatest asset.



Our UK engineering team

[www.astrimar.com](http://www.astrimar.com) |

Maximum **system availability**, **efficiency** and **reliability** of equipment and processes are **vital to success** in today's energy industry.

As an industry we face ever-increasing challenges in the efficient exploitation and delivery of energy resources; from hydrocarbon extraction and processing to renewable power generation and energy distribution.

We increasingly place greater demands on technology.



*“Long term economic success depends on robust, reliable and maintainable systems”.*

The assurance of maximum reliability, system availability and production efficiency is absolutely vital to success.

At Astrimar we bring science to the analysis of system and equipment design, and technology qualification, for operational efficiency and integrity.

At Astrimar we focus our **reliability engineering** expertise on helping clients **enhance performance** of their **systems** and **processes**.



## DESIGN SUPPORT

Supporting design for reliability, redundancy and maintainability; to maximise uptime.



## OPERATIONS SUPPORT

Analysis for system availability, production efficiency and integrity assurance; to maximise performance, minimise downtime and predict failures.



## TRAINING AND INDUSTRY LEADERSHIP

We aim to widen the use of specialised analysis and reliability engineering techniques, and their input to business decisions.



## INDUSTRY SECTORS COVERED

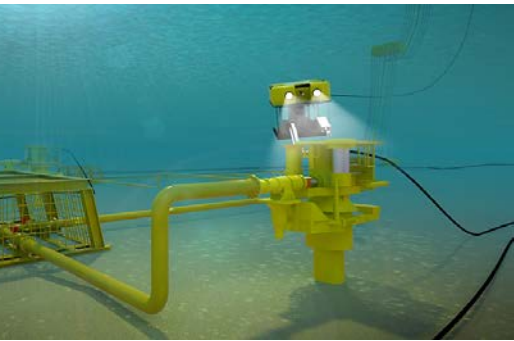
Subsea engineering • Oil and gas production  
Renewable energy • Drilling • Energy distribution

# DESIGN SUPPORT



We work with operators, suppliers and engineering houses to apply specific techniques such as FMECA, system analysis and advanced mathematical modelling of failure analysis to system and equipment design.

From the earliest phases of design concept right through to manufacture and testing, our expertise helps to maximise possible uptime.



*“Does the industry achieve the performance we expect? Available statistics show this is a real challenge.”*

# OPERATIONS SUPPORT



We work within the constraints of existing operational designs, performing analytical reviews to better highlight component/system failure modes and to enhance integrity management and operational response to failures; minimising downtime and maximising system availability, production efficiency and integrity.

# TRAINING AND INDUSTRY LEADERSHIP



Astrimar has the expertise to help clients set and deliver reliability goals for projects, and to enhance operations.

We support development of qualification programmes for functional and reliability assurance. We also train engineers at all levels in reliability engineering techniques.

*“All too often the business decision process fails to reflect relevant input from scientific analysis.”*



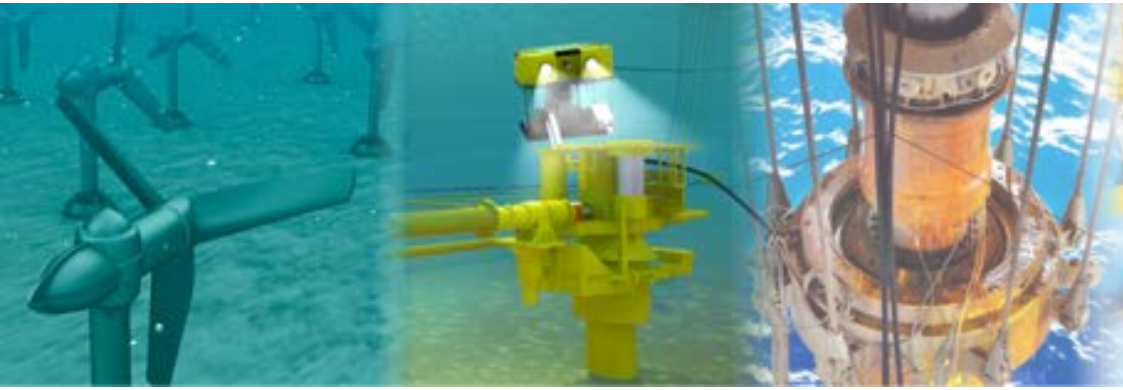
## INDUSTRY APPLICATION



Reliability engineering tools and techniques are highly relevant to all sectors of the energy industry, in targeting higher efficiencies and protecting client reputation.

From equipment design, technology development and qualification to system availability and network integrity, Astrimar’s reliability engineering and assurance expertise can add value, irrespective of the industry.

Astrimar is a leading authority in reliability and integrity assurance for all sectors of the energy industry



#### London Area

Cranfield Innovation Centre  
University Way  
Cranfield  
MK43 0BT  
UK

**T** +44 (0) 1234 436090

**E** [info@astrimar.com](mailto:info@astrimar.com)

#### Aberdeen Area

Crichiebank Business Centre  
Mill Road  
Inverurie  
AB51 5NQ  
UK

**T** +44 (0) 1467 620692

**E** [info@astrimar.com](mailto:info@astrimar.com)

[www.astrimar.com](http://www.astrimar.com)