



Consulting • Engineering • Implementation



# ITP Marine Energy Project Support Services

STRATEGIC ADVISORY • TECHNICAL DESIGN • PROJECT SUPPORT SERVICES

[www.itpower.co.uk/marine](http://www.itpower.co.uk/marine)

# IT POWER: MARINE ENERGY EXPERTS SINCE 1992

IT Power is a world leading international renewable energy consultancy that advises public and private sector clients on renewable energy technologies. Since 1992 we have had a specialist team dedicated to marine energy device design, engineering and support services.

Our marine energy track record is unprecedented. Our team has helped to successfully launch new ocean energy technologies such as Marine Current Turbine's first commercial scale turbine, Seaflow, in 2003, and the Pulse Stream 100 in the Humber Estuary in 2009.

IT Power's expert team has exceptional skills and knowledge of the technical and economic challenges this market faces. Our clients include international governments, technology and project developers, and supply chain manufacturers.

Today our team offers strategic advisory, technical design and project support services to the marine energy sector. Read on to find out how we can help your marine energy technology or project.

## MARINE ENERGY STRATEGY ADVISORY

### Market Entry

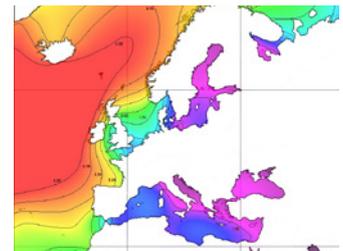
- Company development strategy
- Site suitability advice

### Macro-Level Government Roadmaps

- Policy recommendations
- Tariff and research support mechanisms
- Resource assessments

### Techno-Economic Feasibility Studies

- Levelised cost of energy calculations
- Technical suitability
- Prediction of future capital and operational costs



## INTERNATIONAL MARINE ENERGY MARKET ADVISORY

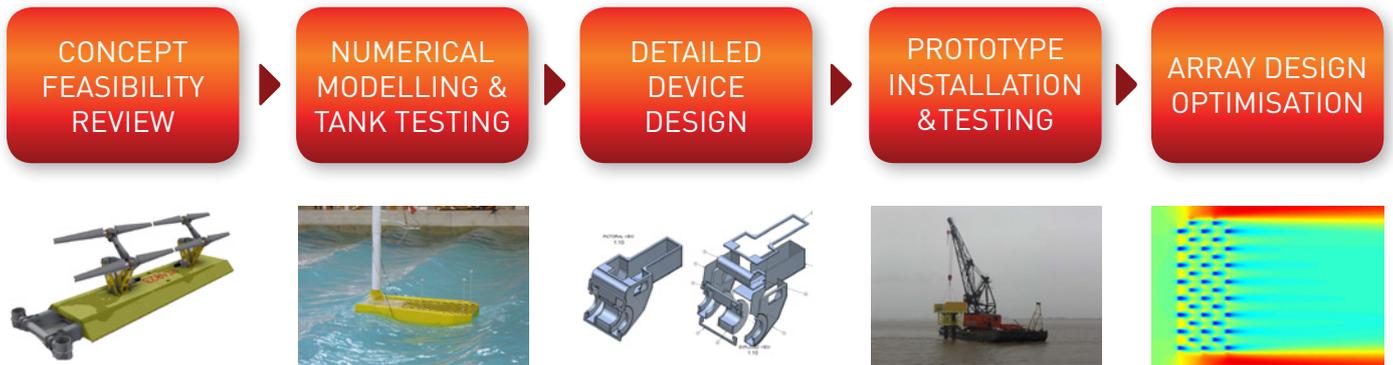
The marine energy team at IT Power operate globally, with projects in China, Korea, Australia, Europe, India, North America, Canada and Latin America.

We can provide reports and bespoke analysis for international marine energy markets. For details of our latest commercial market reports, or bespoke market entry analysis, visit our website:

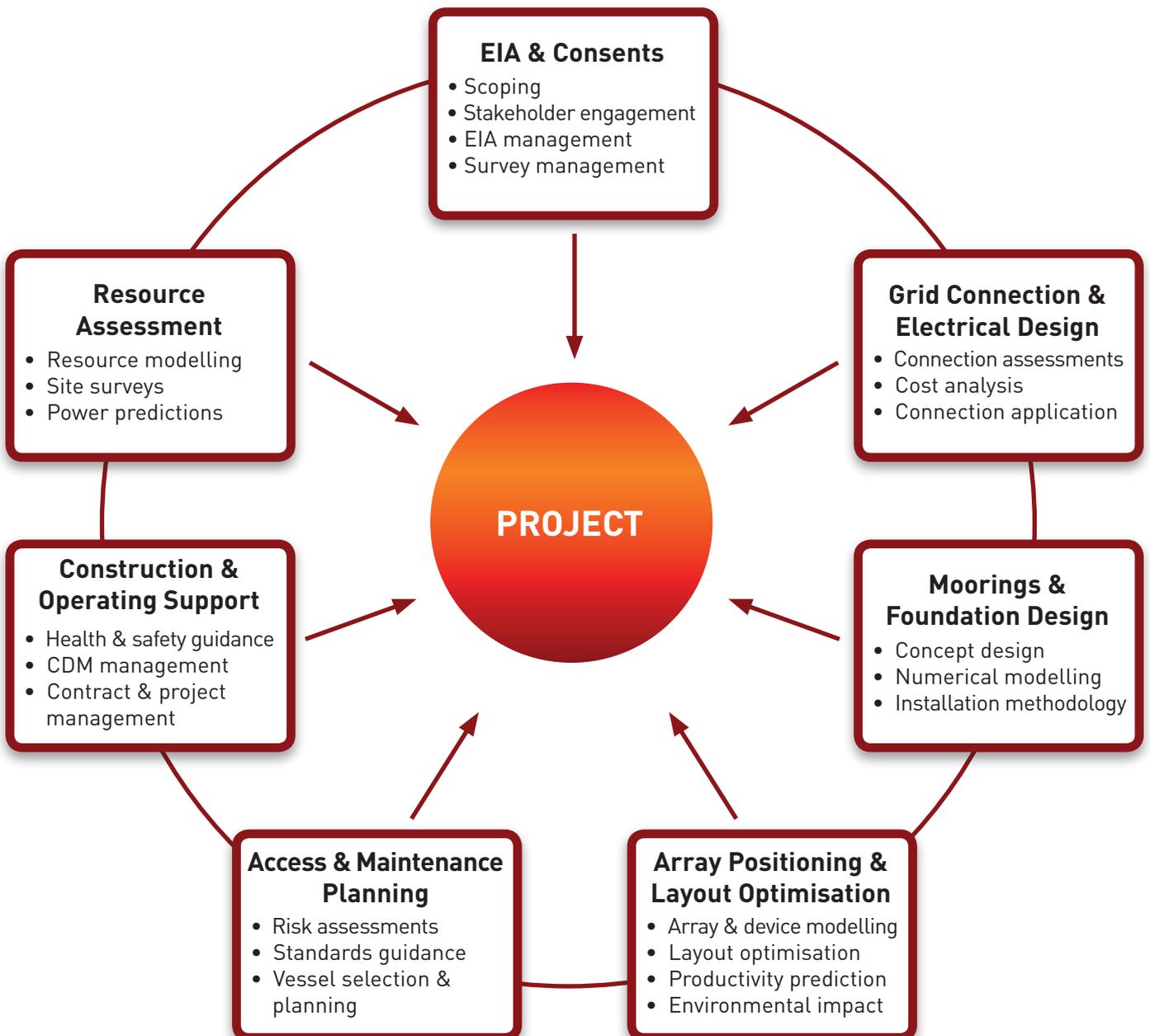
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# MARINE ENERGY TECHNICAL DESIGN SERVICES



# MARINE ENERGY PROJECT SUPPORT SERVICES



## WHO WE ARE

We offer a comprehensive range of consulting and technical services in everything from market assessments and feasibility studies; to detailed design and array optimisation modelling.

Our services include:

- Market, technical and economic analysis
- Site and resource assessments
- Feasibility studies
- Due diligence reviews
- Detailed mechanical and electrical engineering design
- R&D (including numerical and physical modelling)

## CONTACT US

To find out how we can provide strategic, technical or project support to your marine energy organisation, get in touch.



**ABBIE BADCOCK-BROE**  
**Business Development Manager**

abbie.badcock-broe@itpowergroup.com  
+44 (0) 203 397 0336

Golden Cross House, 8 Duncannon Street,  
London, WC2N 4JF



**JOE HUSSEY**  
**Offshore Group Manager**

joe.hussey@itpower.co.uk  
+44 (0) 117 214 0510

St. Brandon's House, 29 Great George Street,  
Bristol, BS1 5QT

## OUR DEDICATED TEAM OF EXPERTS INCLUDES:

- **Mechanical and Electrical Engineers** • **Naval Architects** • **Hydrodynamicists**
- **Oceanographers** • **Environmental Scientists** • **Numerical Modellers**

IT Power have a detailed understanding of the current state of the wave and tidal energy sector and the relevant technical and socio-economic parameters required for site selection and successful project development. As technical consultants we understand the intricacies of developing marine energy technology and want to ensure that your development is as successful as possible.