



**Job Opportunity**  
**Ref: Kraken 2017**

WavEC Offshore Renewables is a private non-profit organisation dedicated to the development and promotion of offshore renewable energy, through technical and strategic support to companies, R&D institutions and public entities. Since its creation in 2003, WavEC has focused its activity on R&D&I applied to offshore renewables (device design, monitoring and techno-economic optimization, environmental assessment, policy support and dissemination, among others), rapidly becoming an institution of reference across Europe.

With a considerable body of work developed at national, European and international levels, which resulted in the consolidation of a network of more than one hundred international partners and the rendering of services across the globe (e.g. Australia, Chile, Costa Rica, European countries, Korea and USA), the expertise of WavEC's multidisciplinary team covers the different areas of the innovation process in the development of offshore renewable energy projects. These areas include, but are not limited to, conceptual analysis, numerical and experimental modelling, technical due-diligences, prototype monitoring, product development and prototype testing.

WavEC is currently leading the European OceanEra-net Funded Project Kraken to develop a new technology for Underwater 7DOF robotic arms for ROVs. The 30-month project will develop IP owned by WavEC and IST, and has the objective to implement and test the existing IP, generate additional IP and prepare the technology for exploitation.

For the development of this project, WavEC is opening a position in the Monitoring and Technology Group. Besides specific technical work in the field of underwater robotics, the candidate is expected to coordinate the project research group and guarantee that the above mentioned IP and exploitation objectives are fulfilled.

A master or PhD degree on Mechanical or Electrical Engineering and having participated in relevant research or industrial projects related to Robotics, Control applications and Mechatronics is preferred. The candidate must be able to work independently, with large autonomy and be project oriented.

Other relevant (non-mandatory) requirements include: experience in projects involving patents and exploitation of patents, participation in spin-offs and other technology exploitation activities. Experience in underwater robotics, tele-manipulation, force control and experience in the development of Series-Elastic-Actuators is preferred.

Place of work: WavEC Offshore Renewables office, in Lisbon. You will have the opportunity to work in one of the most entrepreneur cities in Europe with the scientific supervision of Dr Pedro Pires. Duration: 24 months

The value of the contract will be defined accordingly with the candidate expertise and CV. The contract has the duration of 24 months. This is complemented by additional benefits of WavEC Offshore Renewables employees (private health insurance). Vested equity on a future spin off can be negotiated at the end of the contract.

Method and period of application: the call is open from the 1st of August to 30th of August of 2017. Candidates should send an application letter, the Curriculum Vitae and copy of the academic degree certificates. Applications should be sent to [rh@wavec.org](mailto:rh@wavec.org) or by post to WavEC - Offshore Renewables, Rua Dom Jerónimo Osório, 11, 1<sup>o</sup> andar, Lisboa, Portugal.