

INDRA, AWARDED AS THE MOST INNOVATIVE PROVIDER OF SCOTTISHPOWER, THE SUBSIDIARY OF IBERDROLA IN THE UNITED KINGDOM

- **ScottishPower highlights the innovative 3D simulation program created by Indra for training professionals in charge of wind turbine maintenance**
- **This solution, currently in testing phase, will entail not only an important cost savings, but also an increase in workplace safety levels, given the training solution's enormous realism**
- **Indra's experience in simulation (*serious games*) has enabled the company to offer the Iberdrola subsidiary a personalized development that replicates the maintenance team's workplace with a great degree of realism**

Madrid, November 10, 2017.- ScottishPower, Iberdrola's subsidiary in the United Kingdom, has granted Indra, one of the world's leading global consulting and technology companies, the award as the most innovative supplier of the year. The innovation project that has motivated the award has been the development of a simulator, in testing phase, that will be used for training the electricity company's employees to guarantee compliance with the safety measures required for the execution of maintenance tasks in turbines installed at its wind farms.

The software developed intends to address the training needs of maintenance personnel, which must comply with highly demanding safety protocols, given the conditions in which wind turbine maintenance is carried out, sometimes at heights of over two hundred meters.

The realism of the solution proposed by Indra, based on the Unity graphic engine used in state-of-the-art videogames, allows for recreating the real workplace, in a way that allows the ScottishPower operator to interact with all of the turbine's elements, as would occur in reality. In addition to the drastic cut in training-related costs (professionals' on-site presence at wind farms for training would be unnecessary), it is possible to configure missions that respond to different, critical situations that a professional must resolve in real time.

This project is framed within the firm commitment of Iberdrola and its subsidiary ScottishPower to innovation and workplace safety. The use of training mechanisms similar to videogames is motivating for employees, who are willing to test themselves by exceeding the different training levels required. Furthermore, monitoring of the employees' progress by training managers is simpler and more efficient, as personalized follow-up is possible of each worker's acquired competencies, and their levels may be readjusted according to their progress. This project developed for ScottishPower is part of a broad offer of solutions and services that Indra develops for the energy sector, among which is digital training based on emerging technologies, like virtual reality and augmented reality.

Global leader in simulation

This innovation project awarded by Iberdrola's subsidiary combines Indra's in-depth knowledge of the energy market with its capacities in simulation technology. Not in vain, the company counts with extensive experience in providing advanced simulation solutions for civil and military spheres alike. Indra's aircraft simulators, to provide an example, have gained great recognition worldwide, as is the case with solutions developed for Boeing and Airbus. The company has provided over 200 simulators to 51 clients in 23 different countries.



About Indra

Indra is one of the world's top consulting and technology companies, the absolute leader in IT in Spain, and the technology partner for the key operations of its customers' businesses worldwide. The company has a comprehensive range of proprietary solutions and cutting-edge services with a high added value in technology based on a unique culture of reliability, flexibility and adaptability to the needs of its customers. Indra is a world leader in the development of end-to-end technology solutions in fields such as Defense and Security, Transport and Traffic, Energy and Industry, Telecommunications and Media, Financial Services, Electoral Processes, and Public Administrations and Healthcare. Through its Minsait unit, Indra provides solutions to meet the challenges of digital transformation. In 2016, Indra had €2,709 million in revenue, 34,000 employees, a local presence in 46 countries and sales operations in over 140 countries. Following its acquisition of Tecnom, Indra's combined revenue amounted to more than €3,200 million in 2016 with a team of nearly 40,000 professionals.