



## PRESS RELEASE

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### **Bureau Veritas Japan signs a framework contract with Fusion For Energy (F4E) for Supervision and Health & Safety Support Services**

Bureau Veritas Japan and Fusion for Energy (F4E), the European Union organisation responsible for Europe's contribution to ITER and the coordination of a series of R&D projects in collaboration with Japan, have signed, on 8<sup>th</sup> June, a framework contract for 'Supervision and Health & Safety Support' during F4E on-site installation and commissioning activities in Japan.

Under this contract, Bureau Veritas Japan will assist F4E during the installation and commissioning of components in Japan providing the following main services:

- ✓ identification of the legal and regulatory frameworks applicable to F4E activities;
- ✓ confirmation of requirements relative to safety of the on-site activities;
- ✓ review of documents relative to safety of the on-site activities according to applicable laws and regulations;
- ✓ monitoring and coordination of on-site activities for all aspects relative to health and safety.

The delivery of the services is scheduled from June 2015 to December 2017.

Bureau Veritas Japan will contribute with its expertise and skills, in the fields of Japanese HSE (Health, Safety and Environment) laws and regulations in the fields of nuclear and radiation hazards, construction and structures, ventilation, fire safety and electricity.

#### **About the 'Broader Approach' Agreement**

*The 'Broader Approach' agreement, concluded between the European Atomic Energy Community (Euratom) and Japan Government, aims to complement the ITER project and to accelerate the realisation of fusion energy through R&D and advanced technologies for future demonstration fusion power reactors (DEMO).*

*The Broader Approach covers three main projects being realized in Japan (in the JAEA research centres of Naka, Ibaraki prefecture, and Rokkasho, Aomori prefecture), with a large European participation:*

- a) **The Satellite Tokamak Programme (STP), JT-60SA:** JT-60SA, at JAEA Naka is a fully superconducting tokamak able to operate for 100 s pulses with 41 MW of external heating. Foreseen to enter into operation in 2019, it will be used as a "satellite" facility of ITER to model proposals for optimizing plasma operation and to investigate advanced plasma scenarios.
- b) **International Fusion Materials Irradiation Facility** – the Engineering Validation and Engineering Design Activities (IFMIF/EVEDA) covers the design and test of relevant scale prototypes of the facility (IFMIF) which will carry out testing and qualification of advanced materials under neutron



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*irradiation conditions similar to those of a future fusion power plant. Europe's main contributions are IFMIF design, the prototype accelerator, the test module development, and lithium corrosion tests.*

- c) *The establishment of the **International Fusion Energy Research Centre (IFERC)** in Rokkasho, and the implementation of activities such as the design and R&D activities for DEMO, ITER remote experimentation and large scale computational simulation for overall fusion research..*

### **About Fusion for Energy**

*Fusion for Energy (F4E) is the European Union organisation managing Europe's contribution to ITER- the biggest scientific international collaboration in the field of energy research. F4E is also responsible for the implementation of the 'Broader Approach' agreement, whose resources are largely volunteered by several participating European countries (Belgium, France, Germany, Italy, and Spain) while F4E provides the overall design integration, project coordination and auxiliary services. The seat of F4E is in Barcelona, Spain.*

*For more information visit:*

*<http://fusionforenergy.europa.eu>*

*<http://www.youtube.com/user/fusionforenergy>*

*<https://twitter.com/fusionforenergy>*

*<https://www.flickr.com/photos/fusionforenergy>*

### **About Bureau Veritas**

Bureau Veritas (Paris, France) is a world leader in conformity assessment and certification services. Created in 1828, the Group has nearly 66,000 employees in some 1,400 offices and laboratories located in 140 countries. Bureau Veritas helps its clients to improve their performances by offering services and innovative solutions in order to ensure that their assets, products, infrastructure and processes meet standards and regulations in terms of quality, health and safety, environmental protection and social responsibility.

Bureau Veritas is listed on Euronext Paris and belongs to the Next 20 index (Compartment A, code ISINFR 0006174348, stock symbol: BVI).

Bureau Veritas Global Website [www.bureauveritas.com](http://www.bureauveritas.com)

Bureau Veritas Japan Portal <http://www.bureauveritas.jp/> (Japanese)

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