

**ITER Industry Day
Brussels
4 December 2017**

ITER – the way to clean energy from fusion: future technology, today's jobs

Draft programme

Berlaymont Building

Rue de la Loi

1040 Brussels

1. General information

By way of invitation

The European Commission convenes a one-day business conference to showcase, discuss and reinforce the benefits of European participation in the ITER project. This project, bringing fusion energy closer to realization, already offers important opportunities and results for the European economy and industries. The Directorate-General for Energy of the European Commission invites European businesses, policy-makers, scientists, civic society and media to take an active part in this event.

The key aims of the conference are:

- to demonstrate that ITER is not only promising clean abundant energy for the future but also already at present offers important opportunities for European industry
- to highlight the synergies and cross-cutting effects that participation in ITER brings to European industry, research communities as well as ordinary citizens.

ITER in a nutshell

Launched in 2006 by seven global partners (EU, China, India, Japan, South Korea, Russia and the USA), ITER is a pioneering project to demonstrate that fusion is a potential commercially exploitable sustainable energy source. ITER is under construction in the South of France, on a 180-hectare site, with over 10 million components being built in factories around the world. Around 75 % of the investment in ITER construction is spent on components and activities that result in the creation of new knowledge and cutting-edge technology, offering European high-tech industries and SMEs an excellent opportunity for innovation and the development of “spin off” products for exploitation outside fusion (such as the energy or the aviation sectors). The commissioning of the ITER reactor ("First Plasma") is planned for December 2025.

ITER will not only demonstrate the scientific feasibility of fusion but also resolve many technical issues and thereby take fusion to the point where industrial applications can be envisioned. By producing 500 MW of power from an input of 50 MW—a “gain factor” of 10—ITER will be the stepping stone for future demonstration of the feasibility of fusion power plants.

A few words on the conference

The major features of this event are:

- **General information:** Please note that a general information stand on ITER is in the exhibition area.
- **Exhibition:** xx stands in front of the meeting room will present fusion and energy related research and activities developed by enterprises involved in ITER.
- **Press/Media:** positive coverage of the event in relevant media will be prepared; journalists accredited with the Commission and thus having access to Berlaymont may be present at the event

2. Programme

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4 December morning	
8:30	Welcome coffee and exhibition viewing
9:30	<p>Opening session</p> <p>Moderator: Dominique Ristori, DG ENER, European Commission</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Miguel Arias Cañete, European Commissioner in charge of Climate Action and Energy • Bernard Bigot, Director-General, ITER Organization • Frederique Vidal, Minister for Higher Education, Research and Innovation, France (invited) • Jerzy Buzek, Member of the European Parliament, Chair, ITRE Committee
10:30	<p>ITER as a source of direct benefits for the economy and society at large</p> <p>This round table will look at the present impact of ITER activities for European technology and business development opportunities in all sectors (including the lower skill job market and students) in terms of job creation, contracts, benefits and synergies, etc.</p> <p>Moderator: Johannes Schwemmer, Director, Fusion for Energy or Daniel Verwaerde, High Representative of France for ITER</p> <p>Keynote speakers: Günther H. Oettinger, European Commissioner in charge of Budget & Human Resources</p> <p>Panelists:</p> <ul style="list-style-type: none"> • Martina Dlabajova, Member of the European Parliament • Indrek Tarand, Member of the European Parliament • Giuseppe Taddia, General Manager, O.C.E.M. SpA • Luca Tosto, Managing Director, Walter Tosto • Franz Leher, Business Head, MAN • Rafael Trivino, General Manager, ENSA • Anne Neumann, Saarschmiede GmbH Freiformschmiede (invited)
12:00	Lunch break with buffet lunch (a separate VIP lunch for speakers - CEOs, MEPs, Commissioners)
4 December afternoon	
13.30	<p>Start of afternoon session</p> <p>Video message by Commission-Vice President for Energy Union Maroš Šefčovič</p>

13:40	<p>Cross-cutting effects and indirect benefits from a high technology project</p> <p>This round table will present spin-offs, spill-overs, start-ups and applications of the results of ITER-related contracts in other technological/industrial areas and will highlight their effects for the European industry, economy and society (general public or specific groups).</p> <p>Moderator: Johannes Schwemmer, Director, Fusion for Energy or Daniel Verwaerde, High Representative of France for ITER</p> <p>Keynote speaker: Ivan Dimov, Deputy Minister of Education and Science, Bulgaria</p> <p>Panelists:</p> <ul style="list-style-type: none"> • Ines Ayala-Sender, Member of the European Parliament • Antti Ilmari Peltomakki, DDG GROW, European Commission • Jerome Pamela, Chair, Eurofusion • Falko Busse, Executive Vice President, Biospin • Jens Verbeeck, CEO, MAGICS Instruments • Philippe Lazare, Managing Director, CNIM • Sergio Frattini, CEO, ASG Superconductors • Ralf Kind, Managing Director, R. Kind (invited)
15:10	<p>Coffee</p>
15:30	<p>ITER as an international technology cooperation with unique business opportunities</p> <p>This round table will address the international/global dimension which is a built-in key characteristic of the ITER project. The discussion will highlight the crucial role of international collaboration for the success of ITER and will showcase the benefits for the European industry from ITER's international dimension in terms of new opportunities, partnerships, technology development and innovation.</p> <p>Moderator: Gerassimos Thomas, DDG ENER, European Commission</p> <p>Keynote speaker: Carlos Moedas, European Commissioner in charge of Research, Science and Innovation (invited)</p> <p>Panelists:</p> <ul style="list-style-type: none"> • Marian-Jean Marinescu, Member of the European Parliament • Miroslav Poche, Member of the European Parliament • Yoichi Ito, Deputy Minister, Education, Culture, Sports, Science and Technology, Japan (invited) • Joaquin Sanchez, Chairman of F4E Governing Board • Jeffrey Quintenz, Senior Vice President, General Atomics • Cheul Ho Park, Executive Senior Vice President and COO, Hyundai Heavy Industries • Mukesh Ahlavadi, Chief Representative for Europe and CIS, Larson and Toubro India • Bernard Blanc, Director, Assystem • Masahiko Inoue, Director of Fusion Engineering, Mitsubishi Heavy Industries, Japan (invited) • Marianna Ginola, Commercial Director, SIMIC (invited)
17:00	<p>Closing remarks by Dominique Ristori, DG ENER, European Commission</p>
17:30	<p>Closing cocktail</p>