

# The EU Blueprint for Fusion Energy

## Draft Agenda

### **8:30 Arrivals at the venue & Registration**

### **9:00 Welcome**

**Opening remarks by Kadri Simson, European Commissioner for Energy**

### **9:15 Introductory session: The state of global fusion policy and its current challenges**

What is the state of global fusion policy and what can be done to further accelerate commercial fusion deployment? This high-level introduction will assess the fusion policies in the EU and worldwide, while highlighting the role of fusion energy in relation to decarbonization objectives, security of supply, industrial competitiveness, as well as its potential for a game changer.

#### **Panellists:**

- *Massimo Garribba, Deputy Director-General, DG Energy, European Commission*
- *Yutaka Kamada, Deputy Director-General for Science and Technology, ITER Organization*
- *Rafael Grossi, Director General, IAEA (by video message)*
- *Ambrogio Fasoli, Programme Manager, EUROfusion*
- *Jennifer Ganten, Chief Global Affairs Officer, Commonwealth Fusion Systems,*
- *Mario Brandenburg, German Parliamentary State Secretary*
- *Ian Chapman, Chief Executive Officer, UKAEA*

### **11:00 Coffee break**

### **11:30 Common session: Developing the Fusion Ecosystem Industry and Workforce**

Research and development efforts in fusion are accelerating globally, as demonstrated by recent breakthroughs. The need to cultivate a robust fusion industry ecosystem and a skilled workforce will be instrumental to shift fusion energy from research to industry. The panel gathers high-level representatives of the industry, fusion start-ups and institutions to discuss how can the industry stay engaged and build capacity during low demand periods, drawing lessons from nuclear fission's business case, while considering how other innovative sectors are addressing similar challenges, and what profiles and strategies are needed to transition fusion from research to industrialization and attract a skilled workforce for the future commercialization.

**Introduction:** Pietro Barabaschi, Director General, ITER Organization (by video message)

#### **Panellists:**

- *Marc Lachaise, Director, F4E*
- *Jan Panek, Director for Nuclear Energy, Safety and ITER, DG Energy, European Commission*
- *Gianfranco Federici, ITER representative presenting the "ITER White Book"<sup>1</sup> and the overall approach to know-how gathering and passing on to the next generation*
- *Ana Bélen Del Cerro, Deputy Chair, ILO Network*
- *Milena Roveda, CEO, Gauss Fusion*

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<sup>1</sup> A technical manual, drawing on the full range of acquired know-how in Engineering, Fabrication, Assembly, Safety and Licensing, etc...; all of this to include the documentation of insights and lessons learned, **including recovery from retired experts** where such know-how otherwise would be lost.

- *Roberto Adinolfi, Chairman, Ansaldo Nucleare*
- *Herkko Plit, Founder and CEO, P2X Solutions Oy*

### **12:30 Lunch**

### **14:00 Common session: Fusion Regulation and International Harmonization**

This session will discuss the identified need to develop a regulatory framework for fusion facilities. Such a framework would need to recognise differences between fission and fusion hazard potential and allow for a graded approach proportionate to the safety challenges. A well-designed regulatory framework would provide clarity to both regulators and developers/operators and steer regulators to a common approach thus optimise time and cost of licensing process, encourage investments in fusion development, and spur innovation.

#### **Introduction: industry point of view on regulatory needs**

- *Thomas Forner, Founder and President, Focused Energy*

#### **Panellists:**

- *Lydie Evrard, Deputy Director-General, IAEA*
- *Scott Morris, Deputy Executive Director for Operations, Nuclear Regulatory Commission*
- *Juan Carlos Lentijo, ENSREG Chair and CSN President*
- *Olivier Dubois, Commissioner, ASN*
- *Sarah Albon, Chief Executive, UK Health and Safety Executive*

### **15:15: Coffee break**

### **15:45 Common session: Fusion financial landscape**

As a nascent technology, a supportive financial framework can accelerate fusion deployment and make a faster impact on emissions. Public-private partnerships, green taxonomy, contracts for difference, research funding, and concessionary finance can all facilitate rapid deployment of fusion in the 2030s. The panel will illustrate the most effective policies, financial frameworks, and market design to best enable fusion power to support the EU in achieving its decarbonization goals by 2050.

#### **Introduction: A middle path between public and private; presentation of the study "[Analysis on a strategic public-private partnership approach to foster innovation in fusion energy](#)"**

- *Matthew Smith, Senior Consultant, Trinomics*

#### **Panellists:**

- *Rosalinde Van Der Vlies, Director, Directorate-General for Research and Innovation (tbc)*
- *Sanjoy Rajan, Head of Division (Energy Security), European Investment Bank*
- *Peter Schroth, Head of Division, German Federal Ministry of Education and Research*
- *Francesca Ferrazza, Head, Magnetic Fusion Initiatives, Eni S.P.A.*
- *Lucio Milanese, Co-founder & COO, Proxima Fusion*

### **17:00 Concluding remarks – Official end of the event**

*Maroš Šefčovič, Executive Vice-President, European Commission*

### **17:15 Drink + networking**