

# The 2nd IAEA **WORKSHOP** on Fusion Enterprises

Virtual Event  
**11 - 12 July 2022**

**This IAEA workshop discusses the commercialization paths for fusion** by bringing together the pioneering actors in fusion enterprises. The IAEA expects professionals from diverse fields to provide their views on the market demands for fusion, and whether the private sector could deliver what the market is demanding.

**This event is suitable for a broad audience**, including investors, policymakers, entrepreneurs, and scientists working on fusion energy. Prior expert knowledge on fusion is not assumed.

**This is a virtual event.  
Registration is required by 20 June.**

**Register  
from here:**



## Meet Our Speakers



**Ian Chapman**  
(UKAEA)



**Carly Anderson**  
(Prime Movers Lab)



**Taka Omae**  
(ITER Organization)

and 20+ pioneers from the field!

## **CALL FOR POSTER: Private Enterprise Showcase**

The organizing committee welcomes abstract submissions for the **on-line poster session**, titled the **Private Enterprise Showcase**. The Private Enterprise Showcase will be held on-line during the event, allowing participants to present their effort toward commercialization.

**Abstract Submission for the Private Enterprise Showcase (Poster Session) is open until 13 June.**

Please visit <https://conferences.iaea.org/event/304/> for more details.

# PROGRAM

## DAY 1

Times are all indicated in British Summer Time [UTC+1]

### Opening & Keynote [9:00 am – 9:45 am]

Chaired by Shutaro Takeda (Kyushu Univ./Kyoto Fusioneering)

Opening Remarks

**Ian Chapman** (UKAEA)

Keynote Presentation

**Sehila Gonzalez de Vicente** (IAEA)

**Carly Anderson** (Prime Movers Lab)

### Session 1: Market & Economics [10:00 am – 11:15 am]

Chaired by Ronald Miller (Decysive Systems)

1.1 Fusion in the Future Energy Market

**Kirtsy Gogan** (Lucid Catalyst)

1.2 Market Analysis for Fusion

**Alik van Heek** (IAEA)

1.3 Economic Constraints on Fusion

**Niek L. Cardozo** (Eindhoven Univ. of Technology)

### Session 2: Investment Environment [12:45 pm – 2:00 pm]

Chaired by Tim Bestwick (UKAEA)

2.1 Recent Trends in Investment

**Philip Larochelle** (Breakthrough Energy Ventures)

2.2 Driving the Energy Transition

**Uwe Krueger** (Tamasek)

2.3 From Funding to Financing

**Adam Baker** (BEIS, UK)

### Session 3: Enabling Technologies [2:15 pm – 3:30 pm]

Chaired by Simon Woodruff (Woodruff Scientific)

3.1 Wider Engineering Challenges

**Andrew Sowder** (EPRI)

3.2 Enabling Technologies

**Taka Nagao / Richard Pearson** (Kyoto Fusioneering)

3.3 Fusion Startup Ecosystem

**Toru Fukushima** (SuperPower Inc)

**Valerie Jamieson** (UKAEA)

## DAY 2

### Session 4: Commercialization [9:00 am – 10:40 am]

Chaired by Melanie Windridge (Fusion Energy Insights)

4.1 Road to Commercialisation: China

TBD (ENN)

4.2 Road to Commercialisation: UK

**David Howgate** (Atkins)

4.3 Road to Commercialisation: Japan

**Satoshi Konishi** (Kyoto University)

4.4 Road to Commercialisation: US

**Ahmed Diallo** (PPPL)

### Session 5: Private Fusion Roundtable [10:55 am – 12:55 pm] (Speakers TBA)

Chaired by Andrew Holland (Fusion Industry Association)

### Session 6: Future Considerations [2:30 pm – 4:00 pm]

Chaired by Shutaro Takeda (Kyushu Univ./Kyoto Fusioneering)

6.1 Establishing a Regulatory Framework

**Sally Forbes** (UKAEA)

6.2 Supply Chain Challenges

**Sehila Gonzalez de Vicente** (IAEA)

6.3 Towards a Global Industry

**Taka Omae** (ITER Organisation)

### Session 7: Review of Recent Progress [3:30 pm – 4:30 pm]

Chaired by Sehila Gonzalez de Vicente (IAEA)

7.1 Review of Technical Advances

**Sam Wurzel** (DOE, US)

7.2 Review of Private Enterprise Showcase

**Andrew Holland** (Fusion Industry Association)

## ONLINE POSTER SESSION

[Day 1: 11:15 am – 12:45 pm, 3:30 pm – 5:00 pm]  
[Day 2: 2:25 pm – 3:55 pm]



**IAEA**

International Atomic Energy Agency

### Scientific Secretary

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