

Inaugural Ministerial Meeting of the IAEA World Fusion Energy Group 6 November 2024

Italian Ministry of Foreign Affairs and International Cooperation - Rome

Tentative Programme

Opening of the WFEG 2024

Statement by the Prime Minister of Italy

Statement by the IAEA Director General

Launching of IAEA publications

Fusion Key Elements

World Fusion Outlook 2024

National Statements

Panel Discussions

Fusion Energy: State of Play

This panel will delve into the dynamic global landscape of fusion energy, highlighting the strides being made in both the public and private sectors, the collaborative efforts across countries and industries, highlighting significant milestones and the latest research breakthroughs. Panellists will discuss advancements in science, engineering, and infrastructure development, and how these innovations are bringing us closer to realizing the dream of fusion energy.

Global Collaboration and Public-Private Partnerships: Paving the Way for Fusion Energy

This panel will delve into the ongoing national and international initiatives and discuss the impact of recent public-private partnerships (such as the DTT Consortium and others) in facilitating industry access to technical resources, increasing the engagement with supply chains and adjacent industries. The panel will also delve into the need for comprehensive workforce development and technological innovation, as well as the benefits of international cooperation among regulators to support this emerging industry, including by establishing or adopting the necessary safety, security and safeguards schemes and measures as appropriate.

Sustaining Resources and Exploring Alternative Business Opportunities

This panel will explore potential financial frameworks to sustain funding for research, early development, and demonstration projects. The discussion will also delve into strategic schemes for resource sharing between public and private sectors, incentive and concessional financing programmes for the development of industrial capabilities, highlighting the significance for effective risk-sharing. The panel will also delve into how the enabling technologies developed on the path to fusion can find their own revenue-generating markets. This discussion will highlight strategies to maximize these new business opportunities without detracting from the primary goal of revolutionizing future energy markets.