



Fusion, *meet* acceleration.

Capgemini 

ITER Business Forum
Marseille | 23-25 avril



IBF | Satellite Meeting *Let's accelerate Fusion*

23 avril | 16h15 - 18h

Executive Welcome | *The Importance of ITER*

Capgemini's role in the ITER project and its commitment to fusion energy.

Keynote | *How Big Things Can Be Done*

Execution of complex projects : a strategic approach in engineering, digital transformation, success stories from various sectors.

Round Table | *Lessons Learned*

Reflect on the key challenges faced so far: Challenges and solutions in design, project management, system integration, civil engineering.

Keynote | *Site Operations, the Next Big Step*

Future operational challenges of ITER : How do we ensure readiness ? How do we drive performance and efficiency ?

Round Table | *Learning from Success Stories*

Best practices in intelligent operations, parallels with ITER : How can lessons from automotive, aerospace, and smart manufacturing help ITER optimize operations

Keynote | *Are AI & GenAI an effective game changer*

Optimized simulations, predictive maintenance, improved decision-making, safety, and efficiency.

Conclusion | *A Strategic Commitment*



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A Vision for the Future of Construction and Operations

As the world accelerates towards sustainable energy solutions, the fusion energy dream is no longer just an aspiration—it is a necessity. ITER represents one of the most ambitious scientific endeavors of our time, pushing the boundaries of engineering, technology, and collaboration. But ambition alone is not enough. Turning this vision into an effective reality requires expertise, innovation, and operational excellence.

This is where **Capgemini steps in**.

The Power of Partnership

Capgemini's decision to become the exclusive platinum sponsor of the ITER Business Forum is not just a sponsorship—it is a statement. A statement of our commitment to shaping the future of energy, bringing technology and industry expertise to solve the most complex challenges.

As we step into this forum, we are not just participants; we are key enablers of ITER's journey. Our role is to bridge the gap between groundbreaking scientific research and the operational reality that will make fusion power a viable energy source for the world.



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Setting the Stage – The First Encounter

The ITER Business Forum begins with a clear message: **ITER is not just a project ; it is a mission .**

1. Executive Welcome – The Importance of ITER for Capgemini

In this opening session, we will outline the importance of energy transition for Capgemini and will highlight the deep investment done to bring ITER's success. Beyond technology, beyond consulting—our role is to ensure **ITER transitions from a scientific marvel to an operational powerhouse .**

2. Keynote How Big Things Can Be Done – A Conversation on Execution

We take the stage to showcase how **massive, complex projects** across industries—from aerospace to smart cities—have been successfully executed with a strategic approach to engineering, commissioning, operations and digital transformation. **ITER is a first of a kind project, but the core business is not so different .**

3. Round table Lessons Learned – Capgemini & ITER: Facing Challenges Together

A roundtable discussion where Capgemini experts and ITER representatives **reflect on the key challenges faced so far .** From complex design to project management, from system integration to civil engineering this exchange focuses on **what we have learned** and how we can **accelerate progress** moving forward.



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Beyond Construction : Preparing for Operations

Building ITER is one challenge. Preparing it for seamless operations is another .

4. Keynote Site Operations – The Next Big Step

This keynote session shifts focus to the **future operational challenges** of ITER. How do we ensure readiness? How do we drive **performance and efficiency** ? What technological and strategic approaches will enable a smooth transition to operations?

5. Round table - Learning from Success stories on intelligent Operations – Cross-Industry Best Practices

A dynamic roundtable featuring **success stories from other industries** , drawing **parallels between ITER and the most complex industrial projects worldwide** . How can lessons from **automotive, aerospace, and smart manufacturing** help ITER optimize operations?

6. The AI Revolution : A Game Changer for Fusion ?

We close the forum with a forward-looking discussion: **Can AI and Generative AI redefine how ITER operates?** How GenAI can enhance **decision-making, safety, and efficiency** in a project of this scale.

Capgemini is already pioneering AI solutions across industries, and ITER is the **perfect arena to apply our expertise** .



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Closing Thoughts – A Strategic Commitment

ITER is not just an engineering challenge—it is an **industrial revolution** in the making. For Capgemini, this is not just a project but a long-term commitment.

As the **ITER Business Forum kicks off**, we are not just here to participate; we are here to **lead, inspire, and enable the future of fusion energy**. Our expertise in technology, operations, and digital transformation positions Capgemini as a vital partner in ITER's journey.

And this is only the beginning.

About Capgemini

Capgemini is a global business and technology transformation partner, helping organizations to accelerate their dual transition to a digital and sustainable world, while creating tangible impact for enterprises and society. With its strong over 55-year heritage, Capgemini is trusted by its clients to unlock the value of technology to address the entire breadth of their business needs. It delivers end-to-end services and solutions leveraging strengths from strategy and design to engineering, all fueled by its market leading capabilities in AI, generative AI, cloud and data, combined with its deep industry expertise and partner ecosystem. Additionally, Capgemini significantly contributes to the ITER project, applying its expertise in technology and engineering to advance the development of fusion energy, thereby supporting the global pursuit of sustainable energy solutions.

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