



# Global Executive Summit

## Energy, Emissions and Efficiency

DEC 15-16 | 2025 | TOKYO

# Executive Comm & FAQ

# Event Objectives

## Showcase Progress and Accelerate Priority Initiatives

### How we do it:

- Feature progress and “Calls-to-Action” on key industry decarbonization initiatives
  - **Abatement**
  - **Gas Substitution**
  - **Green Materials**
  - **Energy**
- Establish clear deliverables and milestones for each initiative

## Enable Executive Collaboration to Align and Build Momentum

### How we do it:

- Executive presence and buy-in to
  - Guide strategic direction
  - Unlock organizational support
- Create opportunities for joint commitment and cross-industry collaboration
- Establish clear ownership and timelines to ensure post-event progress

## Value Propositions to Executives

### Shape the Direction of Industry Initiatives

Gather the information necessary to advise actions toward Net Zero for the industry

### Collaborate Cross Segment in Single Convening

Align on joint solutions and actions by joining and planning with other industry leaders

### Focus on Scalable, Industry-Wide Impact

Realize economies of scale through coordinated action, delivering cross-sector benefits

### Gain Strategic Insight and Momentum

Hear how end-users, fabs and peers are approaching climate action and see where alignment is driving speed and scale

### THE ASK

### Executive Sponsorship

Identify the critical investments, evolving customer expectations and cross-industry barriers that must be addressed to unlock progress and accelerate impact across the value chain

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## Frequently Asked Questions

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# Frequently Asked Questions

## What is the purpose of the Global Executive Summit on Energy, Emissions and Efficiency?

Global Executive Summit (GES) is a closed-door, invitation-only event convening senior leaders across the semiconductor value chain to accelerate collaborative climate action. It focuses on four critical priorities: abatement, gas substitution, green materials and energy. Building on alignment achieved during the 2025 Global Climate Summit Workshops (GCSW), GES marks a shift from dialogue to execution, providing a platform for executives to shape initiative outcomes, champion cross-industry solutions and gain insights into strategic approaches for decarbonization and operational efficiency.

## What is the history and work to date and why is this event different?

The Global Climate Summit Workshops (GCSW) and Semiconductor Climate Consortium delivered critical education, best practice sharing and foundational alignment across industry segments. GES builds directly on those insights but moves toward execution and ownership. Where GCSW focused on what we could do, GES focuses on what we will do and who will lead.

# Frequently Asked Questions

## What is the format of the event?

- Plenary sessions sharing initiative progress, strategic insights and key “Calls-to-Action”
- Cross-segment discussions to surface collaboration opportunities and define next steps
- Recognition and commitment moments to highlight leadership and industry momentum
- Curated networking sessions to strengthen relationships across the value chain

## What outcomes are expected from the event?

- Clear next steps, targeted deliverables and measurable goals for each of the four priority initiatives
- Identified opportunities for collaboration across segments
- A summary of initiative progress and proposed actions to be shared post-event with all participants

## What does success look like?

- Executive alignment on near term actions and long-term ambition for each initiative
- Concrete signs of ownership, such as sponsorship of pilots or resource commitments
- Strengthened relationships to enable faster, more coordinated implementation after the Summit

# Frequently Asked Questions

## How do the four initiatives create impact?

Each initiative is designed to generate industry-scale solutions:

### Abatement

Advances abatement by:

- Sharing of best practices, accelerating scaling of GHG DRE at minimum energy input
- Accelerating solutions for catalyst lifetime extension, catalyst recycling and catalyst innovation
- Improving DRE measurement accuracy and efficiencies
- Economies of scale

### Gas Substitution

Enables low-GWP gas substitution by:

- Identifying a priority target gas
- Developing a unified test vehicle for performance validation
- Executing data collection at a shared industry test bed

### Green Materials

Drives decarbonization of semiconductor chemicals, wafers and gases by:

- Accelerating discovery and adoption of green materials
- Driving down upstream suppliers' Scope 2 emissions through Low Carbon Energy (LCE)
- Driving SEMI Net Zero ambitions

### Energy

Enable and lead the decarbonization of your value chain through:

- Advocacy for favorable policy unlocks
- Onboarding supply chain members on LCE off-take directly through PPAs or by participating in commercial instruments in APAC

# Frequently Asked Questions

## Who should attend?

The event is curated for executive-level participants (VPs and higher) from fabs, fabless, hyperscalers, equipment suppliers, material suppliers and energy companies. Executives in sustainability, operations, technology, procurement and strategy will find particular value. Invited attendees should [register here](#).

This invitation is only transferrable to executive-level decision-makers in your organization. All other interested parties should register their [interest here](#) and the organizers will follow-up.

## What is the event schedule?

Day 1: Monday, December 15 | 10:00 AM to 5:30 PM, followed by a networking dinner

Day 2: Tuesday, December 16 | 9:00 AM to 3:00 PM

Location: The Okura Hotel, Tokyo, Japan

## What are the expectations for participants?

Participants are encouraged to engage in constructive discussions, share perspectives and explore opportunities for executive sponsorship. No pre-work is required but pre-event briefing materials will be provided to maximize value and efficiency.

## Will members of the press be present?

No. GES is a closed-door, invitation-only event. Members of the press and media will not be in attendance. This is to ensure open, candid discussion among executive participants and to protect the confidentiality of strategic dialogues.

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# Thank You

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