

# GREEN ALL-OPTICAL NETWORK FORUM 2026

March 2, 14:30-16:20 (GMT+1)  
Alexandre Fira Congress Hotel, Barcelona



## INVITATION

Dear Ms./Mr.,

We warmly invite you to take part in Green All-Optical Network Forum 2026 (the 5th edition), to be held in Barcelona on March 2, 2026.

With the topic of “From All-optical to AI-optical, Boost New Business Growth in the Intelligent Era”, we will share success stories and best practices identified by leading operators and partners in our industry. We look forward to working with industry leaders and experts to drive the optical network industry forward.

With the rise of AI across all fields, it unlocks new growth opportunities for operators while presenting the optical communication industry with both unprecedented challenges and opportunities. Smart devices are stimulating broader rollout of optical connections in homes, and the industry-specific models are being adopted by more and more enterprises, driving the upgrade of production networks. These trends will help us derive entirely new value from ultra-high-speed all-optical networks.

Meanwhile, these advances also create challenges for networks. These new use cases will require massive, ultra-reliable data transmission to interconnect data centres. The massive demand for device-cloud synergy, such as AI phones and AI PCs, requires operator to deliver ubiquitous, ultra-high-speed, deterministic low latency and highly reliable network services. At the same time, more complex service scenarios and larger scale of networks drive AI into networks, with Agent at the core, to accelerate the evolution of all-optical networks toward Highly Autonomous Networks.

In order to remain competitive and seize market opportunities in the AI era, it will be necessary to upgrade AI-centric all-optical networks, deploy Gigabit and Ultra-Gigabit connections and build high-quality data centre interconnection. Only then can we support the efficient transmission of computing power and the rapid popularization of AI and boost commercial prosperity in the all-optical industry.

During this year's forum, IDATE will invite C-level representatives from the European Union, industry organisations, major suppliers, leading operators, and industry partners. Meanwhile, IDATE's annual landmark awards will be presented to the world's leading operators in honor of remarkable practices in all-optical networks. Join us to discuss the opportunities and challenges associated with all-optical networks in the context of an environmentally sustainable future.

We look forward to seeing you in Barcelona!

Best regards,

Jean-Luc Lemmens

IDATE CEO

