



## PRESS RELEASE

### HSGME and METLEN Collaborate for Innovation and Growth in Critical Raw Materials Research

*Utilizing Cutting-Edge Technologies such as Artificial Intelligence (AI)*

**Athens, Greece – January 22, 2025 – [METLEN Energy & Metals \(METLEN\)](#)** has started a strategic partnership with the Hellenic Survey of Geology & Mineral Exploration (HSGME) to enhance the supply security of the historic Aluminium of Greece plant and ensure the sustainable development of investments in the aluminum and alumina sectors.

Building on HSGME's extensive experience in strategic mineral research and METLEN's leading role in the exploration of critical raw materials within Greece, this collaboration is designed to drive innovation and foster the ongoing development of advanced technologies and methodologies. These will support the production and utilization of raw materials. Specifically, the partnership will include collaborative research projects on bauxite deposits, leveraging the exchange of knowledge and resources between the two entities.

The collaboration between METLEN and HSGME also introduces an innovative approach to mining research in Greece, combining METLEN's industrial expertise with HSGME's scientific expertise. This partnership employs cutting-edge technologies, such as artificial intelligence (AI), to optimize exploratory drilling and identify critical raw materials like bauxite. By using advanced algorithms, geological data can be analyzed with greater speed and accuracy, minimizing the environmental impact through targeted interventions, reducing unnecessary drilling, and lowering extraction costs. At the same time, it optimizes the use of natural and energy resources.

Beyond technological and scientific advancements, the partnership with HSGME also aims to inform local communities and the public about the importance of utilizing domestic mineral resources, promoting modern and sustainable practices for environmental protection. This strategy advocates for responsible development while ensuring that local communities remain central to the processes, with full respect and involvement. Additionally, the investment is expected to significantly strengthen the local economy, creating new jobs and delivering long-term benefits to society and the region.

It is worth noting that Aluminium of Greece has evolved into the only fully integrated production unit for bauxite, alumina, and primary aluminum in the European Union. METLEN's recent strategic investment of €295.5 million bolsters its activities, by establishing a new production line for bauxite, alumina, and Gallium. With an annual production capacity of 2 million tons of bauxite and 50 tons of Gallium, this investment is expected to fully meet Europe's needs for Gallium while eliminating dependence on imports from China, significantly enhancing the continent's strategic autonomy.

***For further information please contact:***

Ms. Antigoni Fakou: METLEN Press Office, Tel. +30210-6877346 | Fax +30210-6877400 | E-mail: [Antigoni.fakou@metlengroup.com](mailto:Antigoni.fakou@metlengroup.com)



**METLEN:**

METLEN Energy & Metals – evolution of MYTILINEOS Energy & Metals - is a multinational industrial and energy company, a leader in the metallurgy and energy industries, focused on sustainability and circular economy. The Company is listed on the Athens Stock Exchange, with a consolidated turnover and EBITDA of €5.492 billion and €1.014 billion, respectively. METLEN is a reference point for competitive green metallurgy at the European and global level, whilst operating the only vertically integrated bauxite, alumina and primary aluminum production unit in the European Union (E.U.) with privately owned port facilities. In the energy sector, METLEN offers comprehensive solutions, covering thermal and renewable energy projects, electricity distribution and trading, alongside investments in grid infrastructure, battery storage, and other green technologies. The Company is active in the markets of all five continents, in 40 countries, adopting a full-scale synergetic model between the Metallurgy and Energy Sectors, while undertaking end-to-end development of major energy infrastructure projects.

**For more information, please visit:** [www.metlengroup.com](http://www.metlengroup.com) | [Facebook](#) | [Twitter](#) | [YouTube](#) | [LinkedIn](#)

*If you no longer wish to receive Press Releases and Updates from METLEN, click [here](#).*