



TRAINING PROGRAM
2024-2025



ATLANTIC COPPER
Una compagnia del gruppo Frescoport-NOVAORAN

ATLANTIC COPPER CHAIR

*Course aimed at students in their second year and above (including Master's degree), from the Higher Technical School of Mines and Energy Engineering (ETSIME), and other schools of the UPM (Industrial and Materials), whose students are interested in expanding their training and knowledge in metallurgy, and also professionals interested in the extraction and processing of metallic mineral raw materials, and students of the SUMA MASTER PROGRAMME
IMAGINE IV.*

It will last from October 2024 to April 2025, on Thursdays from 6:30 pm to 8:30 pm, in Atlantic Copper Classroom ("Casa del Alumno").

*The classes will be face-to-face for UPM students, taught simultaneously in streaming for all students within the "SUMA MASTER IMAGINE IV" programme.

Training programme

- ▶ **“Introduction: Marc Seefeldt. KU Leuven”/ José Luis Tejera. ETSIME.
“Current trends in Metallic Mining industry and the Non ferrous Metallurgy”:**

Mr. Marc Seefeldt. KU Leuven. Faculty of Engineering, member of the Materials Science Division, programme director Nano- and microstructure design of materials/
Mr. José Luis Tejera. PhD in Mining Engineering by the Higher Technical School of Mines and Energy Engineering , UPM.

Planned date: 17th October, 2024

- ▶ **“Innovation management in the metallurgical industry”:**

Mr. Guillermo Ríos, PhD. Technology and Innovation Director, ATLANTIC COPPER.

Planned date 24th October, 2024

- ▶ **“Copper market and Metal stock exchanges”:**

Prof. Javier Targhetta. Higher Technical School of Mines and Energy Engineering of Madrid. President, ATLANTIC COPPER & SVP, Marketing & Sales, Freeport-McMoRan.

Planned date: 7th November, 2024

▶ **“Sustainable mineral raw materials industry”:**

Mr. Vicente Gutiérrez Peinador. President of CONFEDEM (National Confederation of Mining and Metallurgy Businesses)

Planned date: 14th November, 2024

▶ **“The copper obtention. Decisions chain”:**

Mr. Carlos Ortiz. SVP Metallurgy. ATLANTIC COPPER.

Planned date: 21st November, 2024

▶ **“Talent recruitment and retention”:**

Mrs. Elisa Navarro. UPM Business Creation Area (Entrepreneurship Programme)

Planned date: 28th November, 2024

▶ **“Energy Management in the metallurgical industry”:**

Mr. José María Tejera. Industrial Engineering. Head of Group in Process control and Energetic Planning at ATLANTIC COPPER.

Planned date: 12th December, 2024

▶ **“Digitalization”**

Mr. Francisco Miñana (Chairman), Mr. Aitor Izquierdo. FUTURESPEACE

Planned date: 6th February, 2025

▶ **“3D Printing Metal”**

Mrs. Rocío Muñoz. European Metal Material R&D Lead. HP.

Planned date: 13th February, 2025

▶ **“Production and Commercial Strategy of Sulphuric Acid as a by-product in the metallurgical plants”**

Mrs. Conchita García Carvajal. Senior Vice President Sulphuric Acid Business at ATLANTIC COPPER.

Planned date: 20th February, 2025

- ▶ **“Energy transition and sustainability. Green Hydrogen”:**
Mrs. Esther Alonso Álvarez. SVP Energy Transition and Sustainability. ATLANTIC COPPER.
Planned date: 27th February, 2025

- ▶ **“Circular Economy in Non-ferrous metals metallurgy industry”:**
Prof. Markus Reuter. Technical University of Freiberg. SMS Group Düsseldorf.
Planned date: 6th March, 2025

- ▶ **“The sustainable development in the metals industry”:**
Mrs. Rosa García. Independent advisor. Non-Executive Director as Sustainability professional.
Planned date: 13th March, 2025

- ▶ **“The role of materials in the energy transition” :**
Mrs. Rosa María Menéndez. CSIC Researcher (Spanish National Research Council)
Planned date: 20th March, 2025

- ▶ **“Energy transition and sustainability. Green Hydrogen”:**
Mrs. Blanca Losada. President, FORTIA ENERGIA. Advisor and Executive in the Energy and Technology Sector.
Planned date: 27th March, 2025

- ▶ **“The mining situation in Spain”:**
Mr. Alberto Lavandeira. President, ATALAYA MINING.
Planned date: 3rd April, 2025

The Atlantic Copper Chair is a partner in the "SUMA MASTER PROGRAMME" project, funded by the EIT RawMaterials, whose main objective is to increase the efficiency of mineral resources and metallurgical processes, directing European innovation towards the generation of young engineers in the field of sustainable materials. Seven European universities (KU Leuven,

MU Leoben, INP Grenoble, UNINT Trento, UNIMB Milano-Bicocca, AGH Krakow, UPM-Atlantic Copper Chair) are participating. And two companies: Umicore and Atlantic Copper.

CHAIRS DEPARTMENT

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