

# Meet the Buyer event

April 2021

Format: virtual B2B meetings



Aurubis Belgium is specialized in the production of the copper cathodes, rod, free of oxygen rod, bars and profiles.

They are looking for solutions to reduce the carbon footprint in the production of its copper products on the Olen site.

Meet the Buyer events offer **interesting opportunities for your company** to get in touch with the leading enterprises in a variety of business sectors. The event is **invite only** and will give you the chance to have an individual **one-to-one meeting** with **key decision makers**. Join the event, establish valuable collaborations, pitch your products and services, and discuss business partnerships that can fast-forward your company's growth. For interested parties a webinar will be organized, followed by virtual B2B matchmaking sessions for selected scale ups with representatives of Aurubis Olen.

**Deadline for application:** 5<sup>th</sup> April 2021

**Individual online meetings between successful applicants and the Aurubis Olen team:** between 19<sup>th</sup> – 30<sup>th</sup> April 2021



# Buyer profile

## What is their business?

Aurubis Group produces about 1 million ton of copper cathodes a year with a copper content of over 99.99 %. This primary product is processed into a broad range of products at Aurubis. Aurubis offers many products that can be individually adjusted to customer needs.

Continuous cast wire rod under the brand name AURUBIS ROD is available in coil weights of 3.5-10 t and diameters of 8-23.5 mm. There is AURUBIS FOXROD for special applications, an oxygen-free and directly cast copper wire. AURUBIS Bars & Profiles are produced in Belgium for the electrotechnical industry.

Below the production steps have been listed for the Aurubis Belgium production site in Olen including indicative data in kt :

- >200 kt/a of copper bearing materials are molten using gas burners and cast into copper anodes
- >300 kt/a of copper anodes ( $\pm 99\%$  Cu) are electro-refined into copper cathodes (>99,99% Cu)
- >200 kt/a copper cathodes are molten using gas burners and converted to AURUBIS ROD
- Smaller volumes of cathodes are converted to AURUBIS FOXROD and AURUBIS Bars & Profiles

Indicative ranges in terms of electricity and natural gas consumption are as follows :

- Electricity consumption : 120.000 – 160.000 MWh
- Gas consumption : 500.000 – 660.000 GJ

## What are they looking for?

Aurubis Belgium are looking for ways to reduce the carbon footprint in their production of copper products. The goal is to reduce scope 1 & 2 CO<sub>2</sub> emissions by 50% in 2030 versus the reference year 2018 and to become carbon neutral by 2050. Important factors to take into consideration are the European Green Deal on the one hand, requiring Aurubis Belgium to decarbonize, and the Belgian nuclear exit, potentially leading to electricity shortages and high electricity prices, on the other hand.

Solutions are sought, but not limited to, e.g. :

- Replacement of CH<sub>4</sub> with hydrogen
- Electrification of furnaces currently heated using natural gas
- Installation of solar panels on the roofs of our production buildings
- Installation of a heat network potentially combined with geothermal energy
- Carbon Capture Storage / Usage
- ...

## How can you apply?

If you are interested in this opportunity, please send an email to Charlotte Struye and briefly indicate the interest of your company in the Buyer's case. You can also contact your regional SCALE-UP partner.

## SCALE-UP PARTNERS

This Meet the Buyer event is an exclusive invitation for companies associated with the partner organisations in the North Sea region. Cleantech member organisations have joined forces in the Interreg SCALE-UP project to enable cross-border business contacts between SMEs with green solutions and established large companies. The overall aim is to facilitate for innovative cleantech companies to scale up your start-up. Contacts at the member organisations help participants prepare the meetings and support them through the business process.

## CONTACT

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