FACTSHEET

ASPA: Advanced Sludge Processing by Aurubis

State-of-the-art recycling of metals from residual materials

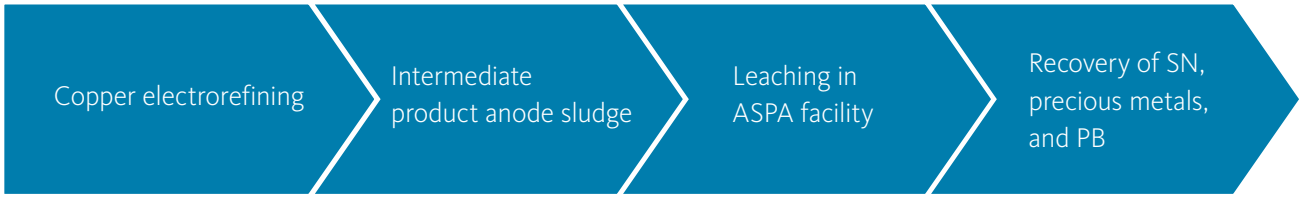
The highly modern ASPA recycling facility is being built at the Beerse site in Belgium. In the future, anode sludges, a valuable intermediate product from electrolytic copper refining, will be processed here using a new process developed by Aurubis. This will allow us to get more valuable metals out of the same intermediate product and to do it faster than before. After completion of the detailed design, construction of the plant is scheduled to begin in the fourth quarter of 2022. Commissioning is scheduled for the beginning of 2024.

View of the Belgian site Aurubis Beerse nv, where the ASPA facility is being built

Innovative strength and commitment to the circular economy

ASPA is a prime example of Aurubis' innovative strength. Aurubis and Metallo worked for three years to develop the complex process in order to take metal recycling to the next level. This was done in cooperation with the University of Leuven. ASPA will reprocess as many elements as possible in the shortest and most efficient way – directly on site at the plant. This is an important contribution to closing waste cycles and a clear commitment by Aurubis to building a sustainable circular economy.

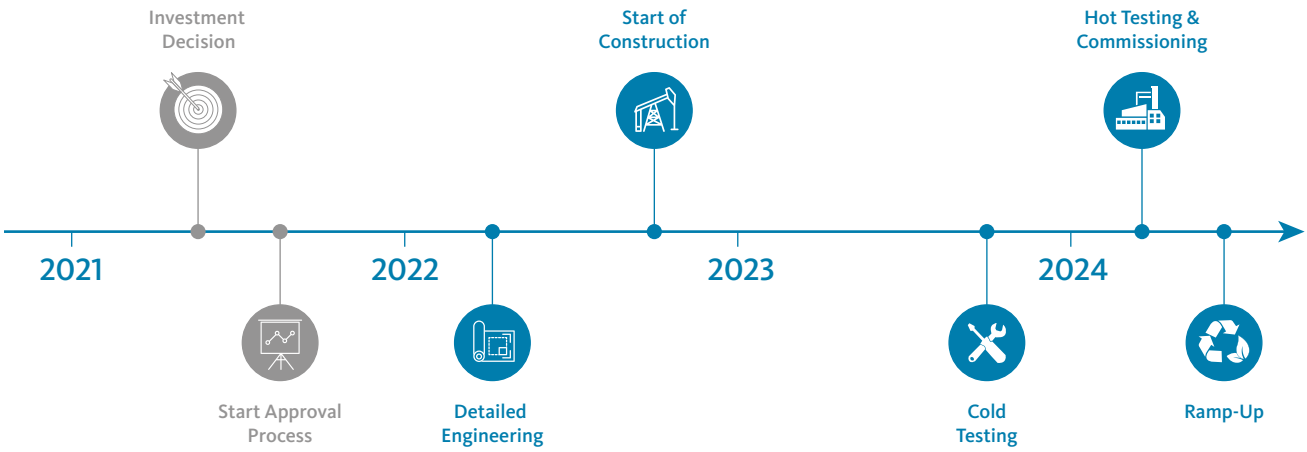
The process chain



Synergies leveraged and location secured

The realization of ASPA only became possible through the acquisition of Metallo by Aurubis and the combined flow-sheets. This is a good example of how two successful companies can integrate and become one. Now the whole company benefits from the internal recycling know-how at the Beerse plant. In addition, ASPA secures the Beerse plant's future in the long term.

Timeline



The project at a glance

Newly developed **hydrometallurgical process** for processing anode sludge	Greater recovery of **tin, gold, silver, platinum,** and **palladium**	Processing complex anode sludge from **Beerse** and **Lünen**
Investment volume of **€ 27 million**	Start of construction **Q4 2022** commissioning **early 2024**	**Long-term strengthening** of the recycling business

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