

Lead Recycling – a Win-Win-Situation

Given its position at the start of the value-creation chain, lead is often invisible in end products and yet, many things only work because of lead. You need only think of batteries, communications electronics, church roofs, organ pipes, glass, X-ray films and, last but not least, the products that use the outstanding properties of lead in providing protection against harmful radiation.

The recycling of used products is gaining in importance in supplying the economy with raw materials. Lead has one of the highest recycling rates in comparison to other metals, and recycled lead is identical with the primary raw material found in nature. Lead is therefore one of the leaders in the field of metal recovery.

Not only have we optimised the efficiency of our production processes, but we have also committed ourselves increasingly to recycling used JL Goslar products. Together, we can therefore make a valuable contribution to sustainability – and you can find out all about the conditions for return and payment for used lead products as soon as you place your new order with JL Goslar.



in safe hands

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We are only satisfied with 100%.

Our „Full-Service-Recycling-Programme“ for used anodes can play a part in increasing your value creation chain.

This complete recycling concept is a sustainable way of closing the loop for valuable metals and is a genuine end-of-life recycling.

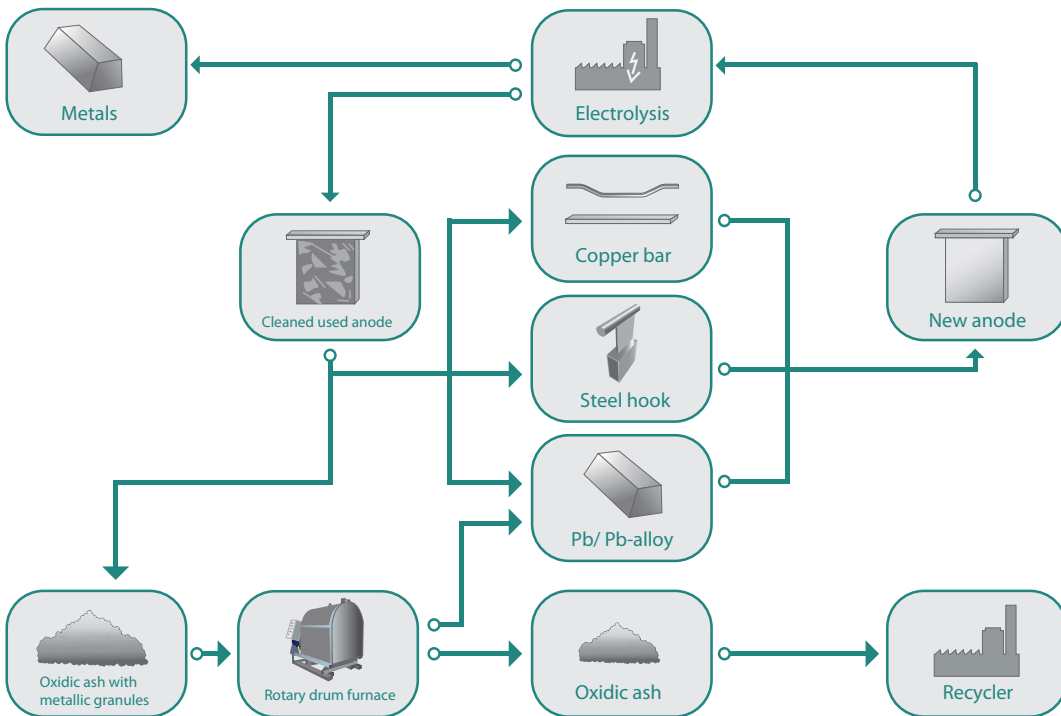
Scope of Service

At the first stage, we recover the copper support bars from the used anodes supplied to us.

Following internal assessment, re-usable copper support bars and stainless steel hooks undergo cost-effective reprocessing. Copper support bars and stainless steel hooks that are not suitable for re-use are returned to you for disposal, or are fed directly into the recycling loop.

The used anode plates released from the copper support bars are melted down and re-cast as usable metal.

In a second step, the rotary furnace is used to reprocess once again the dross/ash as a valuable recycling product which resulted from the melting process. Thus depending on the type of alloy, a further metal recovery of 40 to 80% from the ash is possible.



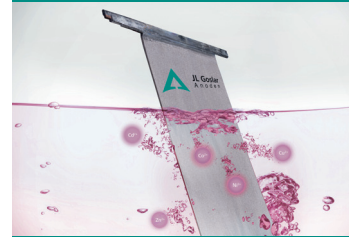
The recovered quantity of metal may be supplemented with new metal and adjusted in line with the alloy required.

Dross and ash is weighed and given to the customer, or to reputable reprocessing companies, for the recovery of the metal content.

Recycling metals including lead is growing in importance, since the use of resources to extract metals from secondary raw materials is often ecologically preferable to extraction from primary raw materials. Recycling therefore makes a significant contribution to the development of a sustainable, industrial society.

With this „Full-Service-Recycling-Programme“, we are able to offer you another component in cost-effective production of new lead anodes for non-ferrous metal extraction.

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