

REMONDIS Aqua Stoffstrom

# Sustainable sewage sludge treatment

Source of energy and valuable raw materials

[remondis-aqua.com](https://remondis-aqua.com)

**REMONDIS®**

WORKING FOR THE FUTURE

# Reliable sludge treatment services in unreliable times

Thanks to its know-how and innovative processes, REMONDIS Aqua is the company to turn to when it comes to recycling municipal and industrial sludge. And the same is true for infrastructure waste and/or residue generated by wastewater treatment systems (screenings, grit chamber residue, sand from sewers). Both our expertise and our extensive plant capacities make it possible for us to guarantee that we can provide a reliable, long-term service. This is some-thing that will become even more important in the future when local authorities find themselves facing the genuine problem of having to recover and recycle the phosphorus in their sewage sludge from 2029 onwards – a statutory obligation set out in the German Federal Sewage Sludge Ordinance [AbfKlärV] when it was amended in 2017. In addition, recycling capacities in the area of co-incineration will become increasingly scarce or disappear altogether in the future.

A full range of sewage sludge recycling services



### Concept development

Creating customized recycling concepts



### Internationality

Services in Germany and other European countries



### Authority management

Authorization and notification procedure



### Logistics

Transport of the sewage sludge using the most economical and ecological solution in each case



### Pretreatment

Dewatering, conditioning and drying of the sludge residue



### Documentation

Disposal certificates and documentation of carbon savings

## Bespoke partnerships. On an equal footing

We see ourselves as being a customer-oriented service provider when it comes to recycling sewage sludge. This means that we handle and treat your sewage sludge exactly as you wish us to do. Our overall goal here is to find the most cost-effective and most environmentally friendly treatment method. Whether you are an industrial or municipal customer, we provide the right disposal concept for every individual need. Our service does not begin and end with the transfer and delivery of the sewage sludge at the recycling point. We also offer sustainable solutions, including our expertise in the field of phosphorus recycling. The rule here is: the closer and more long-term the exchange or cooperation, the more you benefit as a customer. For example, in the form of safe disposal, plant availability and cost reduction. This is what makes us an attractive partner in the field of public-private services of general interest.

## Sustainability and sewage sludge recycling

Besides being cost-efficient, future sewage sludge recycling systems – including phosphorus recovery – are also good for natural resources and good for the climate. Indeed, it's true to say that this is a win-win for sustainability. As far as raw materials are concerned, such systems recover recyclable substances such as phosphorus, metal, gypsum and minerals – helping to conserve natural resources. And, looking at energy, thermally treating sewage sludge helps to reduce consumption of fossil fuels and cut carbon emissions. This has a particularly positive impact on the sustainability efforts being made by local authorities: modern sewage sludge recycling processes operated by and with REMONDIS Aqua can help them to improve their carbon footprint considerably. We are, therefore, the perfect fellow campaigner and supporter for all local authorities that are striving to achieve net zero.

Sustainability and sewage sludge recycling.  
The perfect duo

