

SEFRAG inaugurates its first Swiss waste-to-value plant

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On Thursday, SEFRAG opened "Centro Uno" in Full-Reuenthal, Aargau. The state-of-the-art facility is designed to save tons of CO2 emissions by recovering valuable resources from the slag of waste incineration. At the inauguration, the plant's environmental benefits were praised by the guests, including Aargau cantonal councilor Dieter Egli.

Breakthrough for resource recovery

35,000 tons of slag from incineration plants, which would otherwise end up as waste in landfills every year, are now receiving special treatment in Full-Reuenthal. SEFRAG, the market leader in sustainable material recovery, opened the first Swiss waste-to-value plant of its kind last night. At Centro Uno, valuable materials such as metals and minerals can be recovered from incineration slag through an innovative process. SEFRAG's unprecedented recovery rate of 50% is the highest in the industry (see box on next page).

Opening event with a speech by Councilor Dieter Egli

The inauguration took place yesterday evening, Thursday, on the grounds of the plant in Full-Reuenthal. Cantonal councilor Dieter Egli was one of more than 80 invited guests from various sectors of politics, industry, and science. In his welcoming speech, Egli emphasized the collective commitment to environmental protection and resource efficiency. After that, a panel of experts and customers talked about their motivation for participating in the project. The focus was on the major environmental benefits, which are welcomed by all sides.

A milestone for the Swiss circular economy

"We are proud to open Centro Uno," said Anton Affentranger, lead investor and chairman of the board at SEFRAG. He called it a significant milestone both for SEFRAG's history and for the circular economy in Switzerland. "With our technological leadership and recovery rates, we are revolutionizing the way incineration slag is treated. We are paving the way for a more sustainable future."

The first of many plants in Switzerland

According to Affentranger, Centro Uno is just the first step in SEFRAG's vision to establish a network of waste-to-value facilities throughout Switzerland. SEFRAG aims to bring innovative waste management solutions to more regions and contribute to a nationwide paradigm shift in resource recovery.

From waste to value

SELFRAG's patented technology lies at the core of the plant, utilizing high-voltage pulse generators and cutting-edge methods to process 35,000 tons of slag each year from three waste recycling plants in Aargau and Lucerne. Through efficient fragmentation and separation, Centro Uno recovers valuable resources like metals, iron oxide, and mineral products, effectively reintegrating them into the material cycle.

SELFRAG sets the standard for sustainable slag processing with an impressive 50% recovery rate. Their efficient process results in substantial CO₂ savings. Collaborating closely with South Pole, SELFRAG is working towards certifying the process, to then issue CO₂ certificates.

About SELFRAG

At SELFRAG, we know that we only have one planet, and we want to look after it. We relentlessly work to transform waste into valuable products. Thanks to our proprietary technology and our full-service solutions we are able to recycle out of toxic slag ("Incinerated Bottom Ash") 50% of the volume into valuable materials (metals and minerals). Thereby we substantially contribute to the reduction of CO₂ emissions and can so help closing the gap to a fully realised circular economy.

SELFRAG AG

Technology and business center
Biberenzelgli 18
3210 Kerzers

+41 317 503 232
info@selfrag.com

www.selfrag.com