LIFT Scholarship
Netherlands & Germany

Fond du Lac WTRRF
Linz-Unkel WWTP - Germany
This sign marked the beginning of their solids processing.
Anaerobic Digestion Facility

Solids Handling Process

Klärschlammbehandlung auf der Kläranlage Linz-Unkel

Stabilisierung
2-stufige Kompakttaulung

Entwässerung
Schneckenpresse

Trocknung
Bandtrockner

Mineralisierung
PYREG® Anlage

Verwertung
als Rohstoff
zur Düngemittelherstellung
Centrifuge Dewatering

ELODry Low Temp Belt Dryer

PYREG Incinerator
Dewatering/Drying/Incineration Facility
Discharge to the Rhine River
Lingen WWTP - Germany
Lysotherm - THP

Uses heat from hot oil via heat exchangers for cell lysis of the sludge gaining better digestion, gas production, and dewatering.
Biogas Utilization: Turbine
Nutrient Harvesting - ELOPhos

It wasn’t beneficial for them to harvest the struvite, so it is only sequestered.

Uses Vacuum rather than Air to strip CO2
Amersfoort WWTP
Netherlands
Lysotherm

It’s a modular system
(3) 500kw Cogens

Biosolids Offloading
Nutrient Harvesting
Screening different size material

Filling supersacks for shipment
Olburgen WWTP, Netherlands

AnammoPAQ
PAQUES HQ – Balk, Netherlands
Augustiner Brewery - Germany

6 story wastewater treatment plant inside the brewery
Plant Construction

Historical building utilized – entire plant brought in through the roof

Old roof beams damaged during World War II
Biogas

Gas/Water Separator

Gas Storage
Thank You!