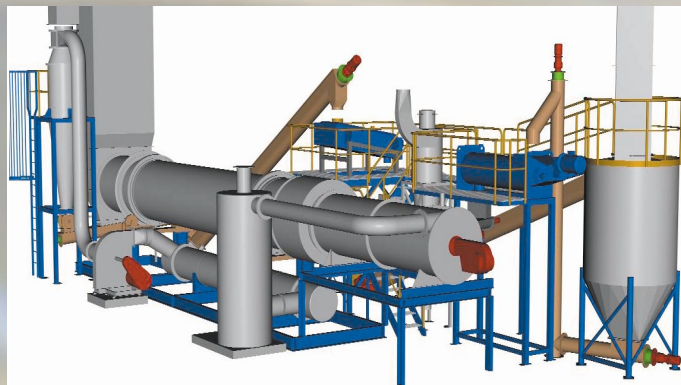
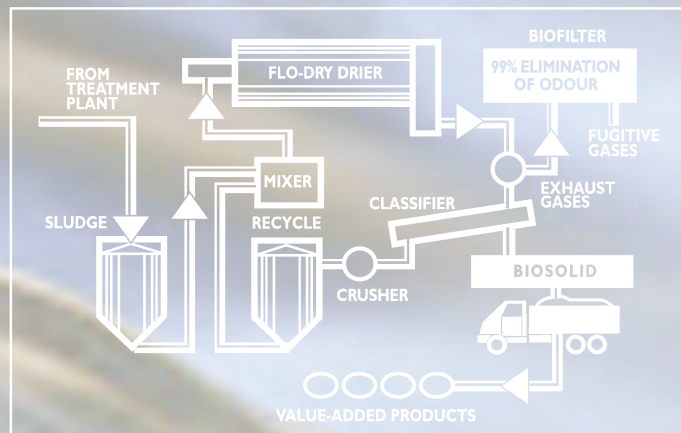




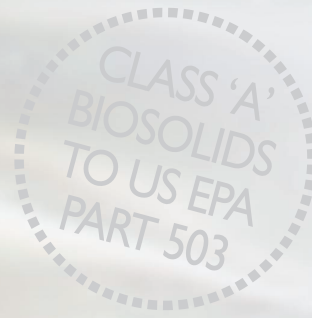
EFFICIENT MUNICIPAL AND INDUSTRIAL
SLUDGE PROCESSING SOLUTIONS
THROUGH TECHNOLOGICALLY
ADVANCED SYSTEMS



Flo-Dry Sludge Drying System's advanced, innovative design minimises processing costs of sludge, resulting in fast pay-back and recyclable biosolids.



FLO-DRY ENGINEERING LIMITED
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**FLO-DRY
SLUDGE DRYING SYSTEMS MEET
INTERNATIONAL AND HSE (UK)
SAFETY GUIDELINES**

RISK ASSESSMENT

- System/Plant HAZOP.
- Identify and apply appropriate hazardous areas.
- Include prevention and protection in design.
- Use suitably rated equipment and instrumentation.

DRYING PLANT SAFETY

- Inertisation for reduced oxygen atmosphere in the dryer.
- Process controlled within safe operating limits.
- Multiple parameter monitoring and control response actions.
- Automatic shut down for out of limit alarms.
- Automatic and manual fire safety systems.
- Critical systems are self checking and/or fail safe.

PRODUCT HANDLING

- Product cooling.
- Relief venting.
- Temperature monitoring.
- CO detection.
- Dust control.
- Silo product cooling/mixing.
- Automatic and manual fire safety systems.

FLO-DRY ENGINEERING LIMITED TAKING CARE OF THE ENVIRONMENT

Sludge Drying Solutions

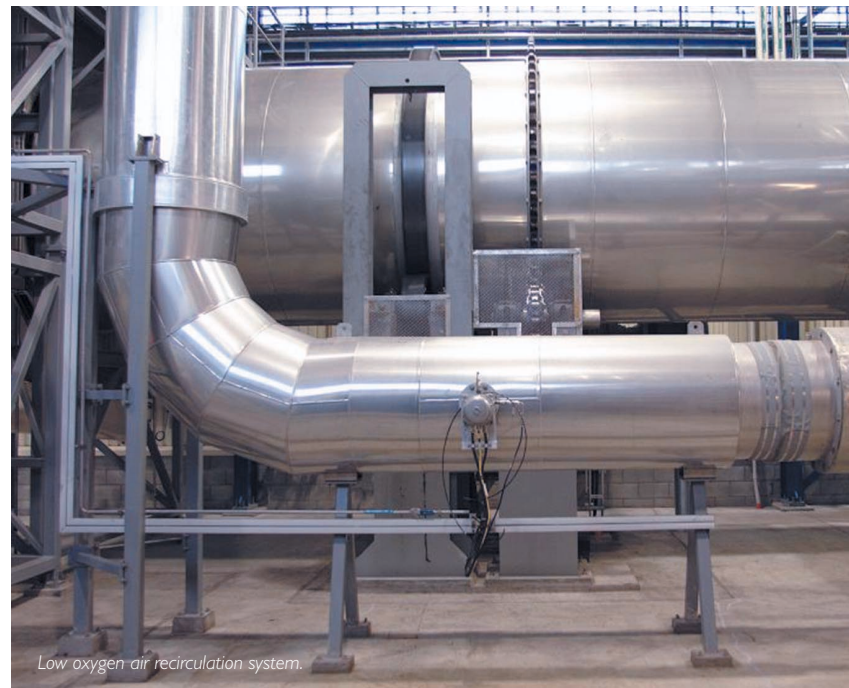


Safe economical drying
and granulation of sludge





Mixing and granule forming.



Low oxygen air recirculation system.



Dry product cooling.

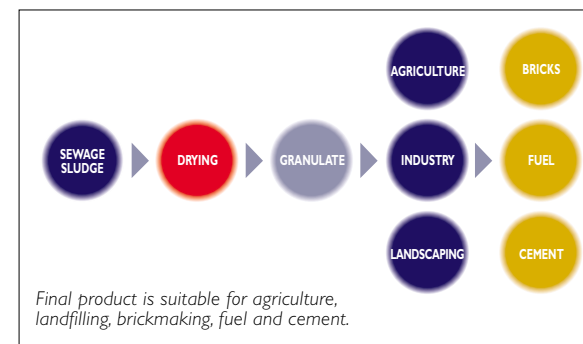


Designed to safely dry municipal, industrial and agricultural sludges and maximise volume reduction.

A Flo-Dry Sludge Drying System provides significant reductions in the cost of safe sludge treatment and disposal, with improved in-plant control and processing efficiency at low energy consumption and odour emissions.



Thermal Drying facility for Hutt City Council, NZ, 2001.



Maximum sludge weight reduction

The system reduces the weight of dewatered sludge by approximately 3 to 7 times the original waste.

Beneficial re-use

Biosolids processed through the system are thermally treated to Class A Biosolids (US EPA Part 503) and can be processed and recycled for a wide variety of uses.

Here is a sludge drying system that safely and economically turns pathogenic waste into beneficially reusable material.



Dried sludge is crushed for mixing.



Positive material infeed to dryer.



Temperatures, pressure and oxygen content within the dryer are sensed, PLC controlled and computer monitored.



Flo-Dry Sludge Drying Systems incorporate fail-safe systems throughout the plant installation.



The entire plant is monitored and controlled remotely.