

Dehydris™ Lime

advanced dewatering of sludge by pre-liming
before centrifugation

○ biosolids

produce quality sludge and generate
savings with pre-liming



○ performance

a quality dewatered sludge largely
superior to that obtained by post-liming

innovation

a process of dewatering by pre-liming before
centrifugation to obtain a very homogeneous
sludge-lime mix

Dehydris™ Lime is a degrémont® process and a part of full range of sludge dewatering solutions. This dewatering unit utilizing pre-liming can be used with any size plant.



key figure

100%

homogeneous sludge-lime
mixture



Dehydris™ Lime technology . . .

Dehydris™ Lime, pre-liming unit for sludge with centrifugation, is suited to the dewatering of all types of sludge; fresh or digested coming from urban wastewater treatment. Developed to take advantage of the different properties of lime (sanitization, reduction of odors), Dehydris™ Lime is used at the end of the sludge treatment process. The biosolids, due to their granular structure, can then be used directly as agricultural recovery with an optimized storage.

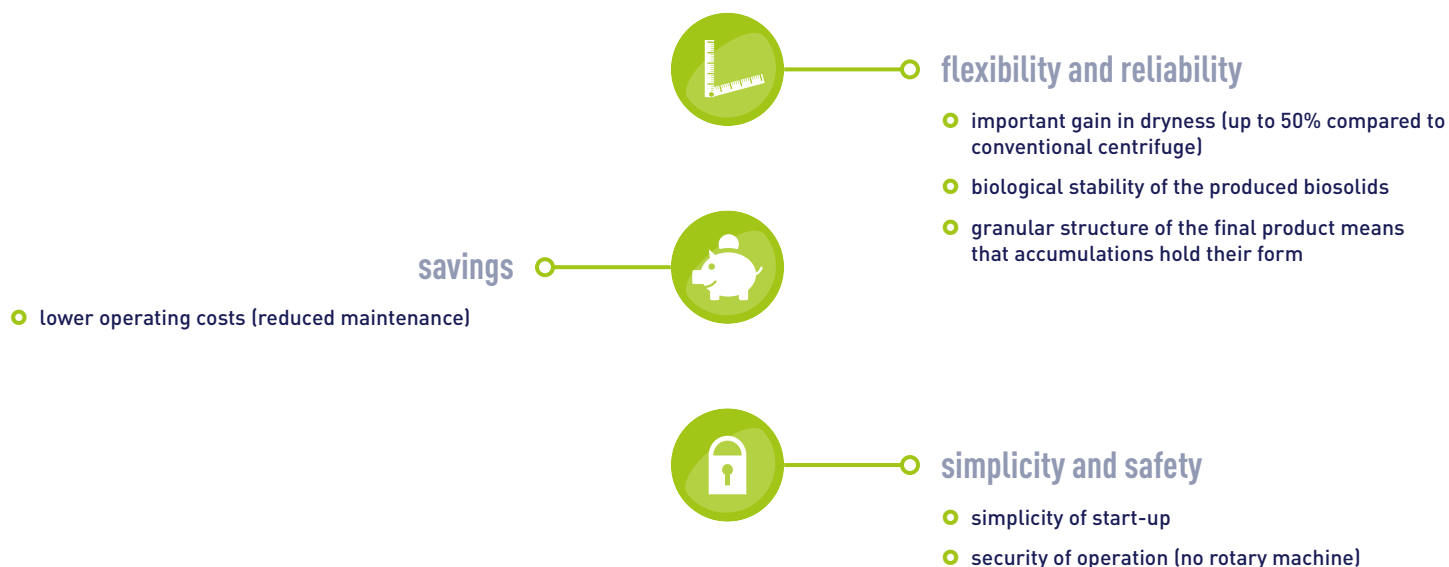
Dehydris™ Lime is also compatible with post-treatments.

Performance in 3 steps:

- pre-liming of sludge that has been settled or thickened,
- conditioning with polymers,
- dewatering by centrifuge.

Dehydris™ Lime is flexible and was developed to support the use of several types of lime. The resultant biosolids is a dewatered sludge with an elevated dryness, biologically stable and structured, and with an improved texture and stability.

. . . what it can do for you



among our references

Basse Wavre, Belgium
capacity: 200,000 PE

Calais, France
capacity: 120,000 PE

Ile Arrault - Orléans, France
capacity: 100,000 PE

Château Thierry, France
capacity: 40,000 PE

SUEZ treatment infrastructure

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