

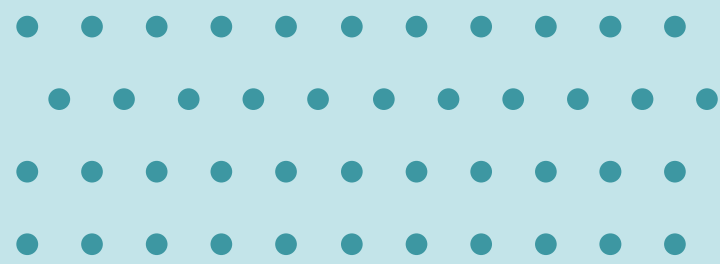
- **Biochemical Oxygen Demand (BOD) / Chemical Oxygen Demand (COD) reduction**

We can help you reduce the organic component from your wastewater streams.

**Poor solids, organic capture an issue in your solids separation processes?**

**Poor dewatering and low cake dryness increasing the cost of waste solids handling, transport and disposal?**

**Excess usage of chemical elements like lime and alum leading to higher operation costs?**



Boosting anaerobic digestion, ACTI-Mag supports bacteria and speeds up the breakdown of complex organic chains (including proteins, carbohydrates and lipids) into smaller units such as amino acids, sugars and long chain fatty acids. The process reduces the rate-limiting step in the digestion process. This results in improving BOD/COD in the final effluent.



Attractive cost savings



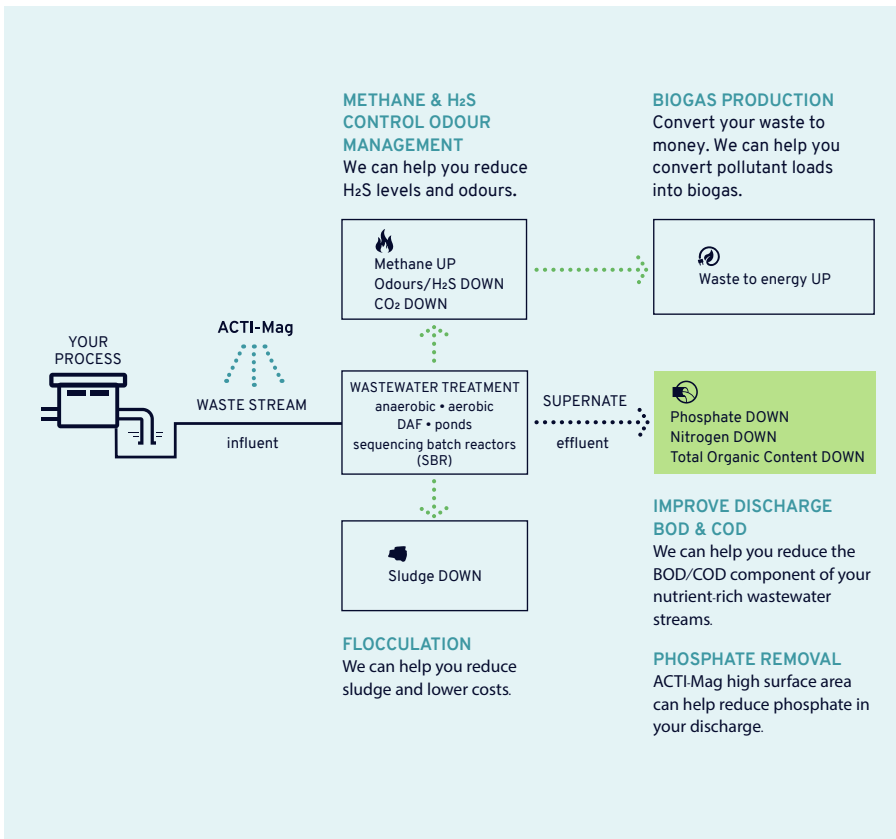
Safe / non-hazardous / corrosion free



Environmentally friendly

## IMPROVE OUTCOMES

Increase your throughput with minimal capital expenditure. Reduce your discharge in BOD, COD, nitrogen and phosphate. Reuse more of your treated water and reduce overall consumption and waste discharge.



## REDUCE COSTS

- Minimise chemical costs and dosages.
- Improve workplace health and safety.
- Use pollutant loads by converting them in recyclable materials for biogas.
- Reduce odour complaints.
- Capture phosphate and reduce due to H<sub>2</sub>S corrosion and maintenance costs.
- Reduce costs in your sewer collection system.
- Prevent pipe and pump blockages due to struvite and vivianite.
- Reduce corrosion and extend the life of your wastewater assets system.

## SIMPLE SOLUTIONS

We can help you review and optimise your wastewater process to make sure your system is running smoothly and cost effectively. Our engineered and cost-effective solutions are tailored to meet your specific needs and budget. Quick to install - our modular dosing units can be delivered on site by truck and are fast to set up and connect.

## WHY CHOOSE CALIX

### FASTER REACTIVITY = COST SAVINGS

New materials produced by Calix's technology are proving to have similar properties to highly active nano-materials, without the safety concerns and high cost, but with all the benefits. This means it has the high reactivity of nano-material, without the potential health and handling issues. To learn more about Calix's technology, visit our website.

### FROM MINE TO CUSTOMER

Calix is able to offer better service, reliability and performance to its customers because it controls the entire production process from mining of raw materials, processing and production.

ACTI-Mag lowers chemical consumption and ensures easier use, handling and storage, thus considerably reducing costs.

ACTI-Mag also offers the following benefits:

- Fats, oils and greases control
- Phosphate removal
- Odour control cleansing the sewer
- Biogas management

Read our other solution spec sheets or call us today to discuss the benefits of a whole-of-catchment approach.

### Distribution partners

Calix has established a network of local distributors and partners who can deliver our solutions across the globe, to ensure you receive excellent customer service and support, wherever you are located.

To find a Calix office or partner near you, visit:

[WWW.CALIX.GLOBAL](http://WWW.CALIX.GLOBAL)

