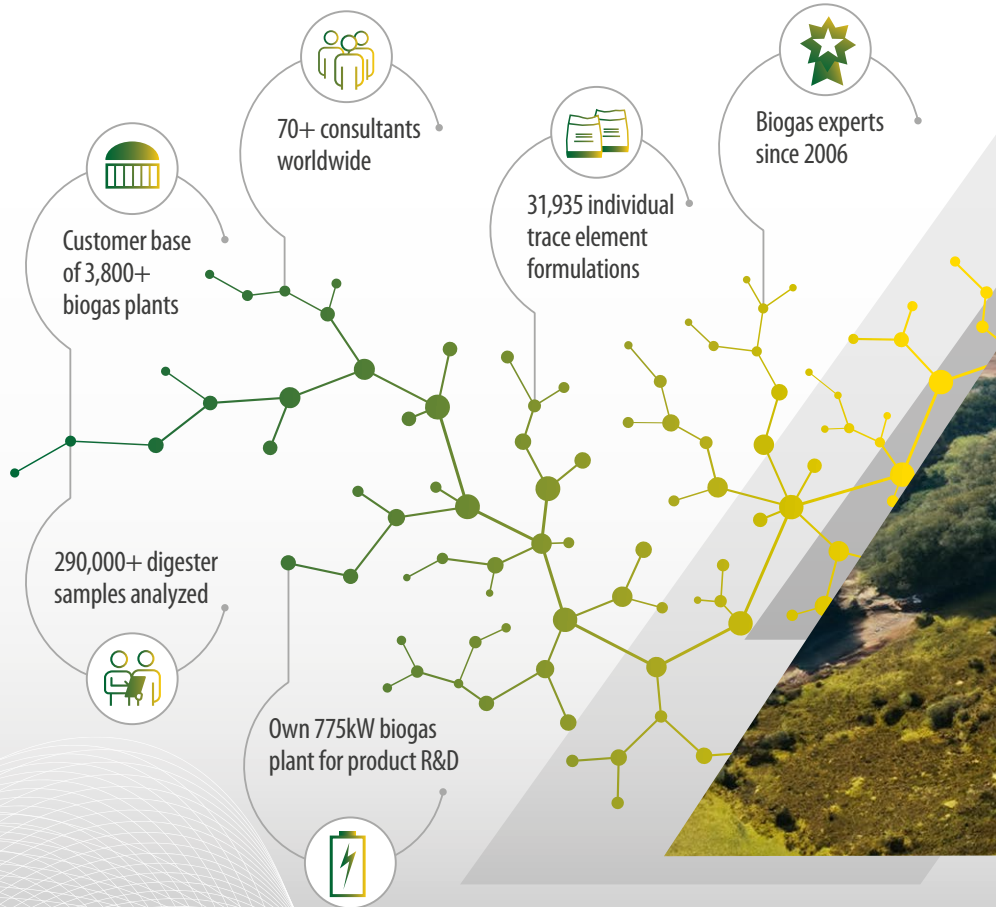


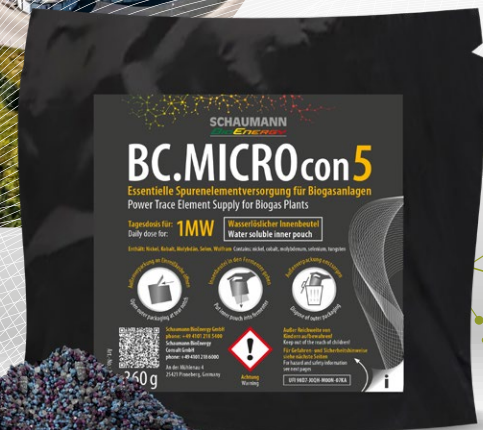
THE BIGGEST NAME IN BIOGAS OPTIMIZATION

Wherever you're located, whatever feedstock you're using, and whatever size digester you have, we can help to stabilize your biology, maximize your biogas yields, and boost your profits.



DAILY TRACE ELEMENTS FOR BIOGAS

PROTECT YOUR PLANT WITH OUR PROACTIVE ADDITIVES



Schaumann BioEnergy Consult GmbH
info@schaumann-bioenergy.com
www.schaumann-bioenergy.com

SCHAUMANN
BioENERGY
CONSULT

SCHAUMANN
BioENERGY
CONSULT

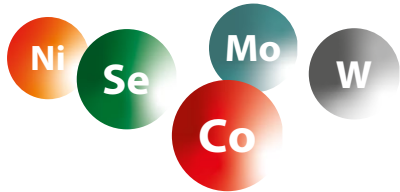
DIGESTER CONTROL IN THE PALM OF YOUR HAND

EASY-DOSE 5-IN-1 TRACE ELEMENT POUCH

BC.MICROcon5



Our hassle-free, daily digester additive contains the daily dose of the 5 most essential trace elements you need to keep your biogas plant healthy – nickel, selenium, cobalt, tungsten and molybdenum.



It's safe to handle, helps to boost gas yields and stabilizes digester biology. And it couldn't be easier to use, with no mixing, measuring or pouring required – just feed one pouch (12.5 oz.) per 226 MMBTU/day into your digester and let the trace elements go to work!

FACT BOX

Suitable for: All plant types, sizes, and feedstocks
Dosing method: Digestible pouch
Dosing frequency: 1 pouch (12.5 oz.) per
→ 156 scfm
→ 226 MMBTU/day
→ 1 MW_{el}

WHY CHOOSE BC.MICROcon5?

- // Dose of 5 most essential trace elements for biogas production
- // Safe to store and handle
- // Easy-dose daily pouch – no hassle!
- // Zero measuring required
- // Boosts biogas yield
- // Maintains digester health

"The health and safety benefits are fantastic, plus it's so easy to use – we just throw in the pouches and that's it! Our nutrient levels are perfect. This is head and shoulders above other trace element products."

Ben Giles, Material Change Ltd, UK

"It's simpler to administer than traditional digester additives and much safer, too. We're glad we made the switch to BC.MICROcon5."

Andrew Channing, Channing Digester Ltd, UK

CASE STUDY: BC.MICROcon5 DELIVERS 400% ROI FOR UK BIOGAS PLANT

Plant operator: BioWatt
Location: Katharos Organic AD plant, Essex, UK
Plant size: 1 MW_{el}

PROBLEM

When BioWatt took over Katharos Organic AD plant, the facility was running at just 25% of its operational capacity. BioWatt managed to raise performance to 60% but then they hit problems. When they increased the feeding rate, the biology became unstable, causing output and methane content to drop.

SOLUTION

Analysis showed the plant was deficient in the five most critical trace elements for healthy digester biology – nickel, selenium, tungsten, molybdenum and cobalt. So BioWatt embarked on a nine-week trial of BC.MICROcon5, which contains the recommended daily dose of these same five trace elements.

OUTCOME

There was an instant rise in methane quantities at Katharos Organic AD plant. By the end of the trial, results showed an increase of 103 scfm of methane (CH₄) and 11.1 kW_{el} per ton of feedstock. This represents a 400% return on their investment.

BioWatt have since ordered a year's supply of BC.MICROcon5 for not just their Katharos site, but also for two other plants that they operate.



"BC.MICROcon5 has significantly boosted our biogas output. It's safe, clean, easy to use, accurate, and saves us space on site. It's quickly become part of our daily digester care regime."

Alex Monks, BioWatt, UK



LIQUID FORMULATION TRACE ELEMENTS

BC.MICROcon5 LIQUID FACT BOX

Suitable for: Biogas plants with liquid feeding systems
Dosing method: Automated dosing via dosing pump
Dosing frequency: 1 gallon per
→ 591 scfm
→ 855 MMBTU/day
→ 3,8 MW_{el}

For biogas installations with liquid feeding systems, BC.MICROcon5 Liquid is the liquid alternative to BC.MICROcon5. Expect the same daily dose of essential trace elements but in liquid form – ideal for easy dosing via an automated dosing pump. And of course, it's safe to use thanks to our pH neutral, non-corrosive, non-toxic formulation.