



INVITATION

TECHNIKGRUPPE cordially invites you to visit our exhibition booth and attend our presentation on the WiC Combustion Management System at the International Solid Waste Association Conference.

Event

13th ISWA Beacon Conference on Waste-to-Energy
2-3 December 2026
Conference Dinner on 2 Dec
Technical Visits on 4 Dec

Venue

Stockholm Waterfront Congress Centre
Nils Erikson Plan 4, 111 64 Stockholm
Sweden

Conference information and registration



Click here

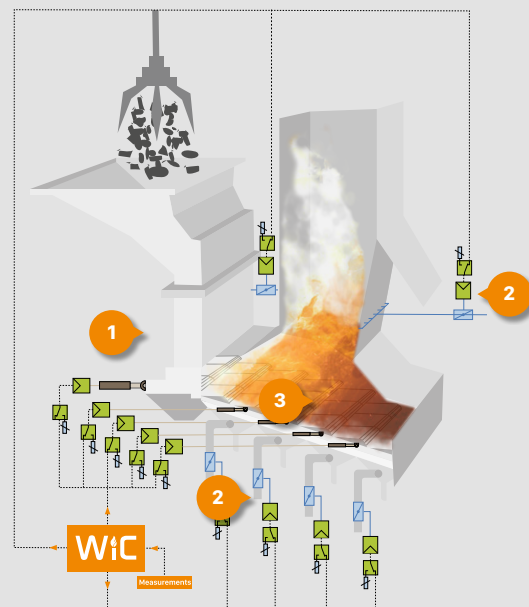
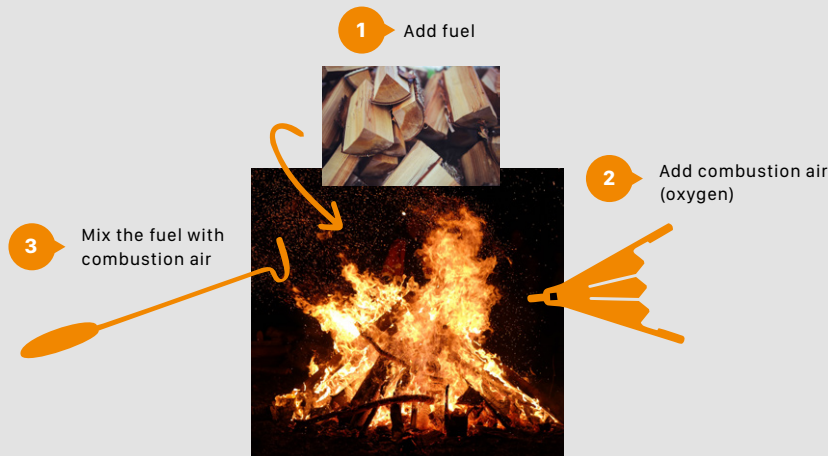


Download TECHNIKGRUPPE'S
Combustion Optimisation
24-page brochure



www.technikgruppe.com/technology-of-fire





The control of the Combustion process is based on 3 main actions:

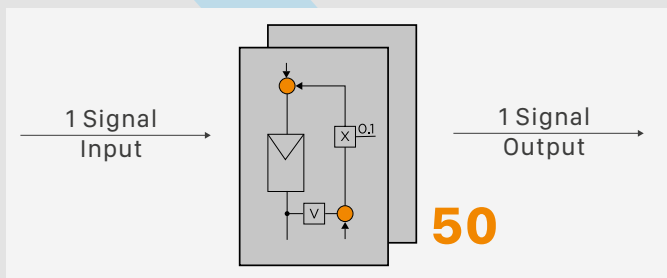
- Add fuel
- Add combustion air (oxygen)
- Mix the fuel with combustion air



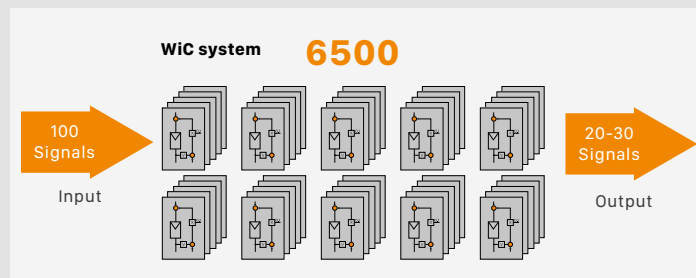
In modern combustion chambers those three actions are provided with 20–30 actuators. Each actuator has more than 10 positions. That offers many possible combinations for fine tuning. A fine adjustment is required every few seconds.

1	actuator provides	10 combinations	// 0-1-2-3-4-5-6-7-8-9-
2	actuators provide	100 combinations	// 00-01-02-03-04- 96-97-98-99
3	actuators provide	1000 combinations	// 000-001-002-003-004-005-006-007 997-998-999
20	actuators provide	100 000 000 000 000 000 000 000 possible combinations for fine adjustment.	

For those complex calculations **TECHNIKGRUPPE** developed the **WiC controller**



Conventional controllers have about 50 functional diagrams and 1 signal input – 1 signal output.



The WiC Combustion Manager has 6500 functional diagrams and also processes approx. 100 input signals and provide 20–30 output signals.

Free trial installation of WiC

To provide interested partners with a better understanding of our unique technology, **TECHNIKGRUPPE** is prepared to offer free trial installations at selected facilities where promising optimisation potential is anticipated. We welcome cooperation with **universities, research institutions and the technical departments of incineration plants**. We invite you to contact us to exchange technical experience and discuss potential collaboration, including the implementation of a free trial installation. We look forward to discussing potential opportunities for collaboration and exchanging technical experience with you.

SEE YOU IN STOCKHOLM!



Matthias Lukic

Technical expert, founder, owner and CEO of Technikgruppe, he has over 25 years of experience in combustion of solid fuels on grates.

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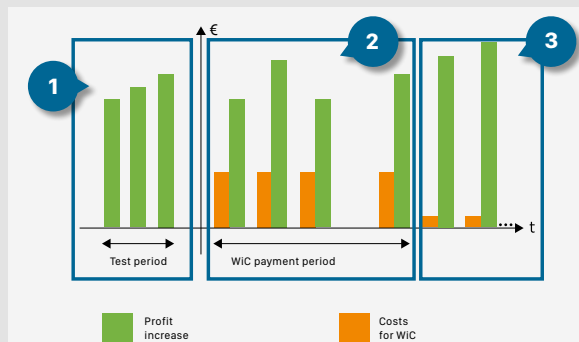


COMBUSTION OPTIMISATION
FOR WASTE OR BIOMASS TO ENERGY PLANTS



WiC provides:

- Stabilisation of steam production
- Enhancement of steam production
- Stabilisation of ELECTRICITY production
- Enhancement of ELECTRICITY production



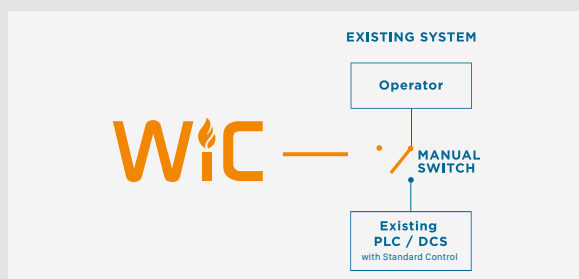
TG's No Cure no pay philosophy guarantees:

- Project start without upfront investment

Payment models:

- Leasing, Renting or Purchasing the WiC Combustion Manager (LRP)

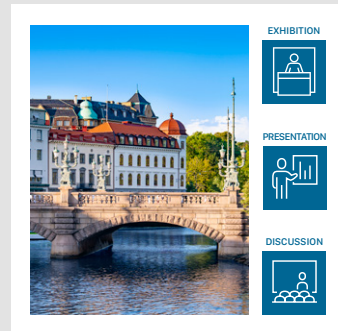
WiC generates additional profits from the moment installation begins!



WiC test installation:

- WiC does not replace the existing automation system. WiC is a "bypass system" delivered in a separate cabinet
- The operator can switch smoothly between WiC and DCS control modes
- The WiC is ideal for testing the plant
- If TG's evaluation identifies positive effects of WiC, TG offers free installation and testing

TG participated in the following EVENTS



2026

20-21 MAY
Workshop
Chalmerskonferens
Gothenburg / SE



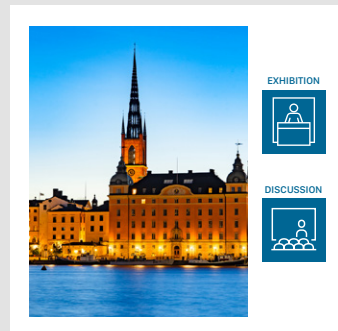
2026

24 SEP
SVEBIO's Fuel Market Day
Stockholm / SE



2025

19-20 NOV
SVEBIO Stora Biokraft &
Värmekonferens,
Växjö / SE



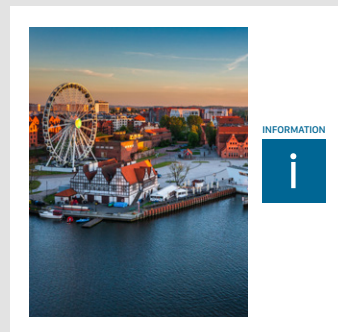
2025

8-9 OCT
Biomass PowerON
European Conference,
Stockholm / SE



2025

9-11 JUNE
MatER network Meeting
Politecnico di Milano,
Campus Piacenza / IT



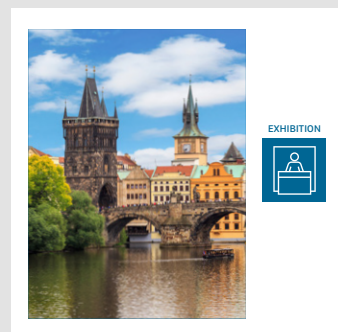
2025

5-6 JUNE
CEWEP Residues
Conference,
Gdansk / PL



2025

25-29 MAY
CLEAN AIR
Intern. Conference on
Combustion Technologies
for a clean environment,
Lisbon / PT



2025

12-13 MAY
16th International
Specialized Conference
Waste to Energy 2025,
Prague / CZ



2025

5-6 MARCH
Energy from Waste
Conference,
London / UK