



International Compost Seminar 2025

October 6 - 10, 2025

Controlled Microbial Composting
and Humus Management



Compost
Systems



General information

When?

October 6 - 10, 2025

Where?

Compost Systems GmbH
in Wels, Austria

Cost per person?

€ 990.-

Seminar language?

English



Click or scan to
register for the seminar



All information is subject to change.

Limited number of participants!

Speakers



Aurel Lübke
Managing Director



**Ing. Dipl.-Ing.
Bernhard Gamerith**
Chief Technology Officer



Sarah Kukral MSc
Research and Development

Speakers are subject to change.
Additional speakers may attend.

Day 1

Start 9 AM

1.1 Introduction of speakers and participants

1.2 Basic introduction of the subject "Compost & Soil"

- What makes composting so important today?
- Perspective of soil fertility, human health, quality of food
- Environment and climate impacts

12 PM Lunch

1 PM Guided sightseeing walk through Wels

1.3 Overview of today's composting technologies

- Indoor solutions (tunnels, boxes)
- Outdoor solutions (small and big windrows, table piles)
- Agitated and static systems
- Membrane composting
- Advantages and disadvantages



Day 2

Start 9 AM

2.1 Compost facility process analysis

2.2 Microbial activity in soil and compost

2.3 Relevance of microbial life for soil fertility and human life as the top of the food chain

2.4 Use of compost

- Quality criteria
- Agricultural application
- Combination with green manure and correct integration to farming methods
- Use compost as tea, application as field spray, benefits
- Soil recultivation with compost
- Production of instant soils, growing media, mixtures
- Beneficial additives

12 PM Lunch

1 PM Drive to composting plant

Practical session on composting plant

- Basic evaluation of raw materials
- Moisture management
- Building of compost windrows

2:30 PM Return to seminar room

2.5 Relevance of biological treatment technologies

- Composting as production method of compost
- Biological drying, biological stabilization
- Production of RDF fuel by drying

2.6 Carbon sequestration in soil

2.7 Anaerobic digestion





Day 3

START 9 AM

3.1 Raw material evaluation

3.2 Handling, combining, treating, storing the feedstock
in the correct way

12 PM Lunch

3.3 Mass, energy and moisture balance for
compost and MBT plants

- Evaluation and modeling
- Digestion loss, moisture loss
- Calculation aspects and critical factors
- Energy balance

3.4 Design of a plant

6 PM

Movie night: HUMUS - THE MOVIE



Day 4

START 9 AM

4.1 Emissions, their treatment and prevention

4.2 Biofilter

4.3 Regenerative thermal oxidation

4.4 Membrane composting

12 PM Lunch

1 PM Drive to composting plant

Practical session on composting plant

- Turning of the compost
- Testing routine and procedures for compost
- Moisture control and irrigation
- Checkup on fresh built pile

2:30 PM Return to seminar room

4.5 Introduction of various technological solutions
of Compost Systems

4.6 Emission trade schemes and CO₂ certificates as an
additional income stream for composting plants
and farms

- Emission Trade Scheme by UNFCCC
- Certification and program



Day 5

START 9 AM

5.1 Testing and analysis

- Laboratory testing of compost with the CMC Testkit
- Moisture, pH value, humus, NH_4^+ , NO_2^- , NO_3^- etc.
- Nutrient cycle and development in biological cycle

12 PM Lunch and open end

Please note: Additional lectures can take place during the seminar week depending on the availability of speakers.





Our hotel recommendations



Amedia Plaza Hotel Kremsmünstererhof

approx. 3 min. walking distance to seminar location

T +43 7242 46623



Best Western Plaza Hotel Wels

approx. 5 min. walking distance to seminar location

T +43 7242 220 330



Hotel Ploberger

approx. 6 min. walking distance to seminar location

T +43 7242 629 41



Hotel Ibis Wels

approx. 20 min. walking distance to seminar location

T +43 7242 930 440

Please note: Participants must book their own accommodation!



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