



Austria, 11 to 14 September 2017

ISWA

Practitioner Training Course

Framework and practice of successful Bio-Waste Management

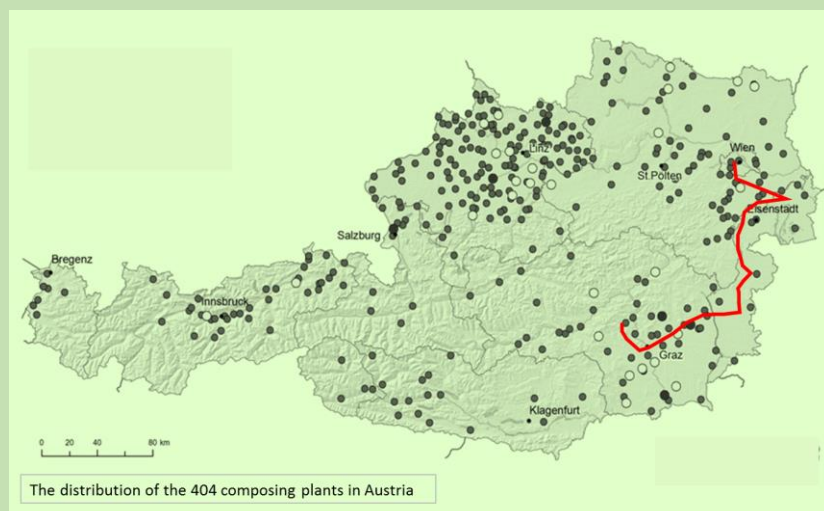
- Food waste prevention
- Separate collection schemes for biowaste
- Composting – Anaerobic Digestion – Pyrolysis (Biochar) – Mechanical- Biological Treatment (MBT) of residual waste
- Costs and economic instruments in source separation and biological treatment
- Cultural program: Medieval Knights [Templar Castle Lockenhaus](#)

including

International Practitioner Day & Exhibition
composting techniques and machines
Austrian Compost & Biogas Association



Apply with
attached form



Austria's 30 years experience





PROGRAM



Tour language: ENGLISH


Sunday, 10/09	Arrival in Vienna: Hotel Regina
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Day 1 – Monday 11/09/2017




08:30-09:00	Registration in Hotel	
09:00-09:25	<i>Transfer to Waste Management Centre & Biogas Plant, Vienna</i>	
09:30-11:20	Welcome by ISWA - Tour de table - Introduction (<i>Grigor Stoyanov, 100NGO</i>) Overview on development and situation of waste management and in specific biowaste management in Austria – quantities, strategic & legal background, current development (<i>Florian Amlinger / 100NGO, Walter Hauer / 100NGO & TB Hauer, MA48 – Wojciech Rogalski</i>)	
11:20-13:15	Iss mich! Presentation of the bio-catering “eat it, don't waste it” (<i>Tobias Judmaier; manager</i>); http://www.issmich.at/ Food waste prevention initiatives by HORECA sector in Austria (<i>Felicitas Schneider, 100NGO</i>)	
13:15-14:00	Lunch Buffet: Iss mich!	sponsored by: 
14:00-17:00	Biowaste management of the City of Vienna – separate collection splitting of garden waste and kitchen waste; current projects; economic instruments, costs and waste charge system (<i>Wojciech Rogalski, City of Vienna - MA48</i>) Vienna biogas plant for commercial food waste and former foodstuff Visit of the Vienna composting plant for bio-waste and garden waste Lobau	
18:00	Dinner	sponsored by: 
<i>Hotel Regina</i>		

Day 2 – Tuesday 12/09/2017


08:00-8:45	<i>Transfer to Wholesale market Vienna, Inzersdorf</i>	
8:45-9:30	 wiener tafel	Wiener Tafel: redistribution initiative in cooperation with Wholesale market Vienna, Inzersdorf (<i>n.n. & Felicitas Schneider, 100NGO</i>); http://www.wienertafel.at/index.php?id=399
09:30-10:20	<i>Transfer to Bruck an der Leitha</i>	
10:20-12:15	 ENERGIE PARK	Biogas Bruck an der Leitha – 34 000 t capacity liquid fermentation plant with 100% bio-methane upgrade facility; (<i>Bernadette Mauthner, manager</i>) http://www.energiepark.at/biogas/allgemein/ General conditions for AD in Austria: capacities, Green electricity law, feed in tariffs etc. (<i>Alex Luidolt, KBVÖ/Compost & Biogas Association Austria</i>) http://www.kompost-biogas.info/
12:15-13:30	<i>Transfer to MBT Oberpullendorf, Burgenland</i>	

13:30-14:30	Lunch Buffet	sponsored by: 
14:30-16:30	BMV – MBT Oberpullendorf – biologic pre-treatment of residual waste; Technology; mass balance; stability criteria for MBT output for disposal etc. ... http://www.iv-mba.at/mitglieder/mba-oberpullendorf/index.html	
16:30-17:00	Transfer to Burg Lockenhaus	
17:00-18:15	Visit of Knights Templar Castle Lockenhaus; https://www.ritterburg.at/en/	
19:00	Dinner	

Day 3 – Wednesday 13/09/2017

08.40-09:00	Transfer to Fa. Sonnenerde	
09:00-12:00	 Fa. Sonnenerde Gerald Dunst: Green waste & sludge composting / Pyreg Pyrolysis technology / Biochar production, use and marketing / Compost and Substrates production / Carbon credits for Humus build-up / Humus Project Kaindorf (Gerald Dunst, Fa. Sonnenerde, Ökoregion Kaindorf) http://www.sonnenerde.at/	
12:00-13:00	Lunch	
13.00-13:30	Transfer to Composting Plant - Kaindorf	
13:30-17:00	 A.D. BioErde und Kompost GmbH; Collection scheme for biowaste of the City of Graz; Agricultural composting in cooperation with the City of Graz and the Compost and Biogas Association, Austria (Richard Trampusch, AEVG; Karl Dornhofer, manager) The Austrian quality management and Quality Certification Scheme for compost (Florian Amlinger & Grigor Stoyanov, 100NGO)	
17.00-18:45	Transfer to Hotel	
19:15	Dinner	sponsored by: 

Day 4 – Thursday 14/09/2017

8:30-09:00	Transfer to Practitioner Day	
09:00-14:00/15:00	 5 th International Practitioner Day – Composting – Austrian Compost & Biogas Association Exhibition and presentation of latest developments in compost technologies and machines / CompOscar award of the competition of best performing composts in Austria. http://www.kompost-biogas.info/index.php?option=com_eventlist&Itemid=394&func=details&did=460	
14:00-16:30	Drive back to Vienna including round trip Vienna (Schönbrunn, Ringstraße)	
17:00-19:00	Culture program in Vienna (optional)	
19:30	Wrapping up – Dinner	

Method for the Seminars

This unique series of best practice seminars offers five distinct elements for individual benefit and professional learning:





1. Seminars taught by senior experts of **100NGO** (www.eu100ngo.net), facility operators and municipal waste managers
2. Visits to facilities demonstrating state-of-the-art bio-waste collection and recycling
3. Considering the various background of the participants on the course
4. Time for discussion and exchange of professional experiences.
5. Explanation of general conditions and how to find solutions suiting the individual framework conditions:
 - from an economic point of view
 - from a technical point of view
 - from an organizational point of view

The ISWA Practitioner Training Course on bio-waste management will give an insight into separate collection and recycling techniques of organic waste through a smart combination of seminars on theory and site visits showcasing state-of-the-art practices. Participants will receive an introduction into the current EU waste management conditions with a focus on bio-waste, different approaches and community cooperation models, opportunities and possible solutions for bio-waste from municipal and commercial sources, key drivers and economics.

The technical site visits will provide an opportunity to see diverse biological treatment facilities for organic waste. The highlight will be the visit to the *5th International Practitioner Day on Composting* organised by the Austrian Compost & Biogas Association. At the exhibition the participants will see the latest developments in compost technologies and machines, and can learn and discuss directly with the technology and equipment developers and suppliers as well as representatives of waste management associations and international experts. See also [Video](#) from Practitioner Day 2015.

Bio-waste experts will guide the participants during the whole training course. Additional guests, highly experienced scientific, policy and operational experts, look forward to lively discussions and exchange of ideas for implementing and improving bio-waste separate collection and recycling techniques including composting, anaerobic digestion and pyrolysis (bio-char production).

And this is your accompanying team:

	<p>Florian Amlinger is agronomist and director of Compost – Consulting & Development (Austria) and co-founder of '100NGO'. He has been involved in research and development projects in the area of separate collection and composting of organic waste as well as compost application since 1986. He participated in applied research projects involving the process optimisation of organic waste composting, the quality definition and best practice of compost application as well as greenhouse gas emissions from composting. He was main consultant in preparing the Austrian Compost Ordinance and is author of the Austrian BAT document for composting. He held numerous workshops, and lectures in sustainable bio-waste management, compost production and use in Europe and overseas.</p>
	<p>Walter Hauer is CEO of Technisches Büro HAUER Umweltwirtschaft GmbH. He is independent consultant for waste management, resource efficiency, sustainable development and environmental economics since 1992. He is holding degrees in economics and mechanical engineering and is experienced in developing and improving waste management and resource management in different regions – technically, economically, organisational (Central Europe, South-East Europe, Iraq). He is experienced in leading developing process with participation of different stakeholders and the public. Author of innumerable number of studies for public and private organisations, Mediator, State Certified Expert, Member of Scientific committee of international congress, speaker at inter-national congresses</p>
	<p>Dr. Felicitas Schneider was research associate at the Institute of Waste Management, BOKU-University of Natural Resources and Life Sciences, Vienna, from 2001 to 2016. Her specialised knowledge covers among others food waste, waste logistics, waste generation, waste prevention, Life Cycle Analysis (LCA), renewable resources, plastics. Her main activities include acquisition and working on research projects, teaching and supervision of students, PR work, national and international networking and training.</p>
	<p>Mr. Grigor Stoyanov, is MSc in "Engineering of environment protection" at the Technical University, Saint Petersburg, Russia. His professional career is already more than 11 years in the field of environment protection; 5 years he worked for the Bulgarian Ministry of Environment and Water, being responsible for large scale implementation projects of the legal and strategic framework for municipal and biowaste recycling and biological treatment. Located now in Austria, he is founder and chair of '100NGO' and developed an international Quality Assurance scheme for composting</p>



Registration

The deadline of registration is 31 August 2017

Please use the attached registration form in order to register and send it to:
eu100ngo@gmail.com

The registration fee is free of VAT, it includes accommodation (5 nights), lunch, dinner, refreshments transportation and lectures on all days.

Registration may be transferred to a nominated representative.

Upon registration, participants accept all accommodation arrangements organised by ISWA.

The Training Course programme may be subject to change.

Maximum 20 and minimum 14 participants due to the nature of the programme. ISWA has the right to cancel the training course if the minimum number of participants is not achieved.

Registration fee*

ISWA Member	Non ISWA Member
€ 2 100	€ 2 600

*3 participants from 3 different low to lower-middle income countries according to the current [World Bank list](#) as well as 3 students may receive 50% discount on the registration fee. The discount is awarded on a first-come-first-serve basis, please request by email: eu100ngo@gmail.com.

Hotel

At the beginning and end of the Training Course, participants will be accommodated at the [Hotel Regina](#) in Vienna. After successful registration you will be booked by us from Sunday, 10 September. Please consult with the hotel directly in case you would like to book additional nights before and/or after the tour.

Cancellation

Any cancellation of registration must be submitted in writing to by E-Mail: eu100ngo@gmail.com or by Fax: to +43 1 253 6001 99. In case of cancellation of the training course due to unforeseeable events, ISWA will refund the registration fee but not other costs incurred prior to cancellation.

Cancellation and refund will be subject to the following conditions:

Before 24 August	50% will be refunded
Between 24 August and 8 September	10% will be refunded
From 9 September and no show	no refund

Handouts & Certificate

Participants will receive a complete hand-out with all presentations and data sheets of the visited installations together with a certificate of participation.