

Cré & REA Anaerobic Digestion Study Tour to Austria & Germany

9TH TO 11TH OCTOBER 2023

Cré in partnership with The Association for Renewable Energy and Clean Technology (REA) and Informa Consultants have organised a study tour to Austria and Germany to mainly visit dry anaerobic digestion plants of biowaste, wet digestion of food waste and dry anaerobic digestion of garden waste.

This is the fifth study tour abroad that Cré has organised. The tour will provide an opportunity to visit experienced plants which we can learn from.

Highlights:

- Dry anaerobic digestion of biowaste
- Wet anaerobic digestion of food waste
- Biogas is used in CHP or upgraded to biomethane which is injected into the gas grid
- Dry anaerobic digestion of garden waste

The study tour includes the following:

- Two nights B&B accommodation (single rooms)
- Evening meals
- Lunches
- Internal travel within Austria and Germany

Delegates will have to book their own flights to Munich/ Dublin:

- Aerlingus – EI 356, Depart Dublin 9th at 16.25 [€69]
- Aerlingus – EI 357, Depart Munich 11th at 20.35 [€101]

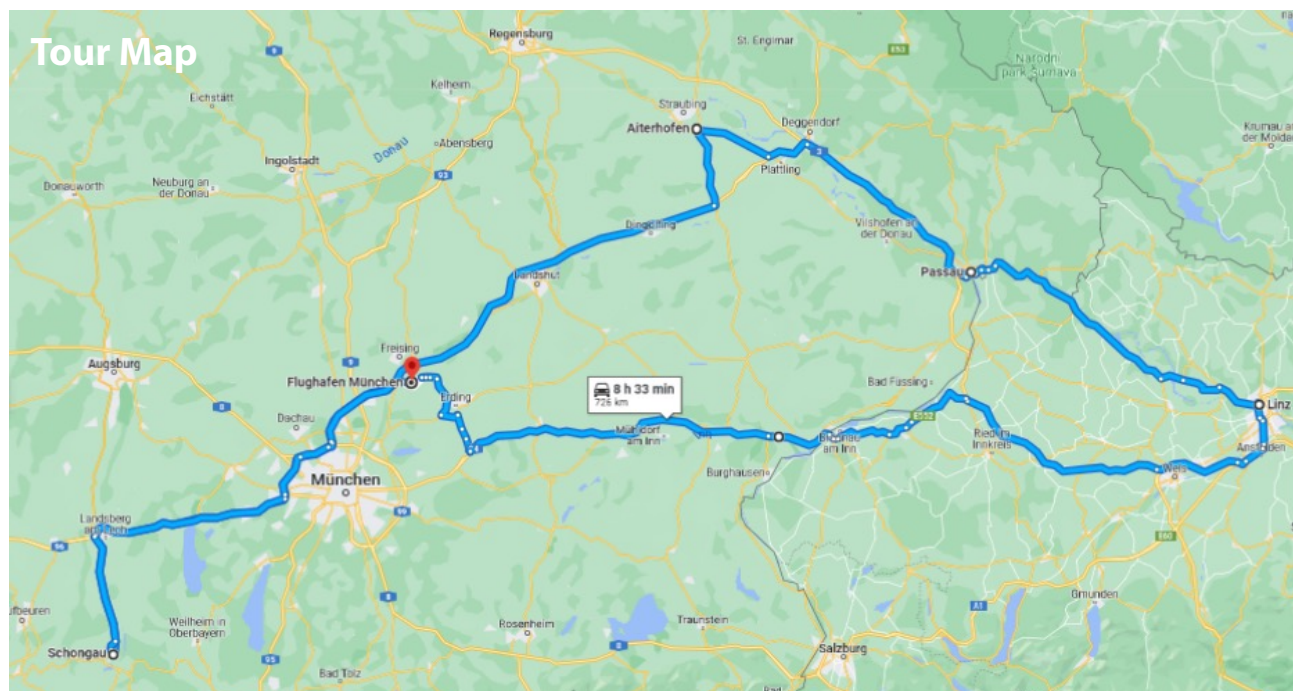
Booking:

To make a booking, email Sinead (sinead@cre.ie). An invoice will be then sent to you. When payment has been received, your booking will be confirmed. On 15th June we will confirm if we have enough people to host the tour. Don't book your flight until we confirm on 15th June that it is proceeding. If not proceeding, everyone will be refunded in full.

Cancellations: If you cancel your booking, you will be refunded minus an administration charge.

Any Queries Contact the Following:

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Travel Itinerary

Monday 9 th October	
19.40	Arrival at Munich Airport MUC
	By bus to Linz (Austria) and Hotel (2.5 h by bus)
22.30	Common dinner in Linz

Tuesday 10 th October	
7.30	By bus to the Plant
8.30	Dry Digestion Plant of Linz The plant has a 17,000 t/y capacity of biowaste. The technology is Pöttinger/ 3-A process -Aerobic Anaerobic Aerobic System.
10.30	To Passau (1.5 h)
12.00	Dry Digestion Plant Biowaste of Passau (Thöni thermophilic plug flow system) of the Waste Management District of Passau with 46,000 t/y annual capacity (90 % biowaste from households and 10% garden waste). Hygienisation is during fermentation. Enclosed postcomposting after solid-liquid separation. 7,000 t/y of certified compost are used in agriculture and in a soil producing facility for a large range of compost products. Certified liquid digestate is used to agriculture. Biogas use in combined heat and power plant (CHP) with internal heat utilisation.
14.00	Lunch in Passau
15.00	Dry Digestion Plant for Garden Waste in Regen (Kompogas thermophilic full-flow fermentation system) of the Waste Management District of Passau with 16,000 t/y annual capacity (93% garden waste). Hygienisation is during fermentation. Enclosed postcomposting after solid-liquid separation. Certified compost is used in agriculture and in a soil producing facility for a large range of compost products. Certified liquid digestate goes to agriculture. Biogas use in combined heat and power plant (CHP) with internal heat utilisation. It is the only garden waste compost dry digestion plant in Germany.
16.30	To Aiterhofen (1 h)
18.00	Hotel and dinner in Aiterhofen

Wednesday 11 th October	
8.30	Combined 18.000 t/y Compost and Dry Digestion Plant Aiterhofen of the Waste Management District of ZAS Straubing. The digestion plant has a 13,000 t/y of dry digestion capacity for biowaste and food production residues in an Eggersmann tunnel digestion system. Biogas is used in an CHP and for heat production. There is an additional 5,000 t/y open windrow composting system in the plant where the solid digestate output from the tunnel is post composted together with garden waste in the open windrow piles. The certified compost is used in agriculture and in a soil manufacturing plant.
10.30	To Altenstadt Schongau (2.5 h + 1 h lunch)
11.30	Lunch on the way in Weihenstephan
14.00	Wet Biogas Plant Altenstadt/Schongau for 50,000 t/y wet digestion of biowaste and organic residues from food production. Biogas is upgraded (cleaned from CO ₂ /H ₂ S) for the grid in order to get a high portion of biomethane. The biogas is used in the CHP and additionally fed in the gas grid.
15.30	To Airport (2 h)
18.00	Arrival at Munich Airport
20.30	Departure from Munich to Dublin

Fee

Members early bird 15th June	€1700
Members after 15th June	€1800
Non-Members early bird 15th June	€1900
Non-Members after 15th June	€2000

Prices are Ex. vat