

Country	Operator	Site	Type	Industry Segment	Gas, Oil or Both	Who visited?	Date (MM/DD/YYYY)	Emissions Description	Description	GPS Coordinates (Latitude)	GPS Coordinates (Longitude)	Month, Year	Year
Germany	Neptune Energy	Hamburg Olentwasserungsanlage	Gathering and processing facility	Oil Gas Upstream	Oil Gas	Theo	02.06.2025	Unknown	We revisited this facility and documented a source from the processing part of the facility, additional equipment has been deployed onsite since 2022.	53.468.459	10.187.452	juin-25	2025
Germany	Gasunie	Regulation station Sottorf	Regulation station	Gas Transmission	Gas	Theo	02.06.2025	Leak	Small source from a leaky pipe.	53.411.418	9.902.124	juin-25	2025
Germany	Gasunie	MR-0050	Regulation station	Gas Transmission	Gas	Theo	02.06.2025	Vent	Continuous emissions from a vent stack.	53.399.604	9.896.845	juin-25	2025
Germany	NEL	93EZA GDRM Heidenau	Regulation station	Gas Transmission	Gas	Theo	02.06.2025	Vent; Leak	Continuous emissions from a vent stack.	53.314.142	9.628.807	juin-25	2025
Germany	Gasunie	Mess und Regelstation Heidenau	Regulation station	Gas Transmission	Gas	Theo	02.06.2025	Vent	Continuous emissions from two vent stacks	5.331.363	9.630.778	juin-25	2025
Germany	Wintershall Dea	Hemsbünde Z1	Gas well	Gas Upstream	Gas	Theo	03.06.2025	Flare; Vent	Small but continuous emissions from an unit flare	53.096.149	9.461.761	juin-25	2025
Germany	Exxon Mobile	Betriebsstätte Söhligen	Compressor Station	Gas Upstream	Gas	Theo	03.06.2025	Flare; Vent	Large emissions from the main vent stack, an unit flare, a pipeline vent stack.	5.305.731	9.576.431	juin-25	2025
Germany	Exxon Mobile	Betrieb Söhligen-Ost Z1	Gas well	Gas Upstream	Gas	Theo	03.06.2025	Leak; Vent; Separator	Continuous emissions from venting from a separator tank, two fugitive sources from one pig trap and a controller box.	53.045.905	9.632.038	juin-25	2025
Germany	Gasunie	Verdichterstation Achim	Compressor Station	Gas Transmission	Gas	Theo	03.06.2025	Vent	Continuous emissions from a small vent stack.	53.028.824	9.021.732	juin-25	2025
Germany	Storergy	Erdgasspeicher Lesum	underground gas storage facility	Gas Transmission	Gas	Theo	03.06.2025	Vent	Very large continuous emissions from the main stack of the facility.	53.160.566	871.806	juin-25	2025
Germany	Gasunie	Mess und regelstation Ganderkesee	Regulation station	Gas Transmission	Gas	Theo	04.06.2025	Vent	We found emissions from two small vent stacks.	53.017.727	8.464.751	juin-25	2025
Germany	Exxon Mobile	Dötlingen S1	Regulation station	Gas Upstream	Gas	Theo	04.06.2025	Vent	We documented emissions from three vent stacks.	52.937.538	8.331.432	juin-25	2025
Germany	Exxon Mobile	Hespenbusch S1	Gas Well	Gas Upstream	Gas	Theo	04.06.2025	Vent; Controller	We documented two sources: one vent pipe and one controller	52.945.389	8.308.906	juin-25	2025
Germany	Exxon Mobile	Station Hengstlage	Gas Well	Gas Upstream	Gas	Theo	04.06.2025	Vent	We documented emissions from the vent attached to an active compressor.	52.999.707	8.200.731	juin-25	2025
Germany	Gasunie	Verdichterstation Wardenburg	Compressor Station	Gas Transmission	Gas	Theo	04.06.2025	Vent	We documented small but continuous emissions from the main vent stack.	53.073.618	8.171.412	juin-25	2025
Germany	Open Grid Europe	Verdichteranlage Wardenburg	Compressor Station	Gas Transmission	Gas	Theo	04.06.2025	Vent; Blowdown; Valve	We documented extremely large and significant emissions from a blowdown from the main vent stack and all five compressors.	53.074.942	8.171.871	juin-25	2025
Germany	Storag Etzel	Kavern enlage Etzel	underground gas storage facility	Gas Transmission	Gas	Theo	05.06.2025	Vent; Leak; Flare	We documented emissions over two days from three main vent stacks, one event of fugitive emissions from an unit flare, and one controller.	53.451.719	7.907.249	juin-25	2025
Previous fieldworks													
Germany	Astora	Rehden 1	Underground natural gas storage field	Gas Transmission	Gas	James	24.02.2021 16:00	Engine Stack	Significant emissions from three hot stacks.	52.614.613	8.490.118	févr-21	2021
Germany	ExxonMobil	Barenburg	Oil storage facility	Oil Transmission	Oil	James	24.02.2021 14:47	Engine Stack	High velocity partially combusted emissions from three hot exhaust pipes.	52.644.916	8.787.302	févr-21	2021
Germany	ExxonMobil	Großenkneten	Processing	Gas Upstream	Gas	James	24.02.2021 17:55	Engine Stack; Vent	Two sources of emissions: two large stacks with significant emissions and two process columns with emissions from pipes.	52.957.705	8.229.661	févr-21	2021
Germany	ExxonMobil	Siedenburg	Compressor station	Gas Transmission	Gas	James	24.02.2021 09:30	Engine Stack; Flare	High velocity emissions with large plumes from the central flare and three heated compressor units.	5.268.289	8.953.878	févr-21	2021
Germany	ExxonMobil	Visbek K45	Compressor station	Gas Transmission	Gas	James	25.02.2021 08:25	Engine Stack	Large compressor station with uncombusted/partially combusted turbine exhaust stack emissions.	52.849.212	8.180.297	févr-21	2021
Germany	ExxonMobil	Voigtei	Compressor station	Gas Transmission	Gas	James	24.02.2021 13:10	Flare	Inefficiently burning flare. Uncombusted/partially combusted emissions from lit flare. The OGI hot plume shows that the flare pilot light was lit.	52.619.895	8.885.244	févr-21	2021
Germany	ExxonMobil	Voigtei Erdgas und Erdöl Production Station	Gathering facility	Upstream Oil Production	Oil	James	24.02.2021 11:45	Tanks	Small burst of emissions from production water tank 1.	52.600.822	8.949.581	févr-21	2021
Germany	ExxonMobil	Walsrode	Compressor station	Gas Transmission	Gas	James	23.02.2021 14:15	Vent	Intermittent emissions from vent on roof of compressor station building.	52.884.766	9.552.425	févr-21	2021
Germany	Gascade	Mallnow	Compressor station	Gas Transmission	Gas	James	02.12.2021 11:15	Vent	Significant emissions from main emergency relief vent; emissions from vent pipe on compressor station rooftop, emissions from unheated stack (unknown source).	5.244.282	1.447.628	déc-21	2021
Germany	Gascade	Mallnow	Compressor station	Gas Transmission	Gas	James	27.04.2021 10:00	Vent	Two emissions sources. Main relief vent releasing continuous stream. Rooftop compressor vent. Both sources were visible on last visit in February 2021.	5.244.282	1.447.628	avr-21	2021
Germany	Gascade	Rückersdorf	Compressor station	Gas Transmission	Gas	James	04.03.2021 17:23	Vent	Continuous venting from pipe on roof of compressor station.	50.820.371	12.227.533	mars-21	2021
Germany	Gasunie	Folmhusen	Compressor station	Gas Transmission	Gas	James	25.02.2021 18:10	Tanks; Vent	Continuous, streaming emissions from tank and relief vent. Emissions from pipe vent at the top of compressor station building.	53.169.706	7.545.051	févr-21	2021
Germany	GTG Nord	Bunte	Compressor station	Gas Transmission	Gas	James	26.02.2021 08:33	Vent	Significant emissions release from central relief stack.	53.104.804	7.351.291	févr-21	2021
Germany	Open Grid Europe	Waldhaus compressor station	Compressor station	Gas Transmission	Gas	James	04.04.2021 08:55	Vent	Significant emissions release from central relief stack.	49.652.436	12.512.009	avr-21	2021
Germany	Open Grid Europe	Frankenreuth	Compressor station	Gas Transmission	Gas	James	04.04.2021 10:10	Vent	Significant emissions release from central relief stack.	49.626.409	12.127.879	avr-21	2021
Germany	Gascade	Verdichterstation Olbernhau	Compressor station	Gas Transmission	Gas	James	09.05.2021 11:15	Valve; Vent; Unknown/Invisible	Four leaks found. First two emissions sources were the central vents. All three main compressors were turned off.	5.064.600.137	133.577.099	mai-21	2021
Germany	Uniper	Breitbrunn	Compressor Station	Gas Transmission	Gas	James	26.10.2021	Vent	We found two sources of methane emissions at this site. One was a large leak from a vent pipe on the compressor roof building. Another was a smaller leak from a different vent pipe on the same compressor.	4.791.783.417	1.241.309.896	21. Okt	2021
Germany	Nafta	Breitbrunn	Underground Natural Gas storage	Gas Transmission	Gas	James	26.10.2021	Flare	We found a small methane emissions source from the unit flare at the far side of the facility.	4.792.341.817	1.243.424.159	21. Okt	2021
Germany	Nafta	Izenham-West	Underground Natural Gas storage	Gas Transmission	Gas	James	26.10.2021	Vent	We found a continuous stream of emissions from the emergency relief vent at the corner of the facility.	4.788.638.788	1.210.387.973	21. Okt	2021
Germany	Nafta	Wolfsburg	Underground Natural Gas storage	Gas Transmission	Gas	James	26.10.2021	Vent; Tanks	Small emissions found from emergency blowout vent and a vent on top of the condensate tank.	480.443.916	1.181.502.815	21. Okt	2021
Germany	Gasunie	Achim	Compressor Station	Gas Transmission	Gas	James	10.11.2021	Vent	We found three sources of emissions at this site. The emergency vent was releasing a large amount of methane when we arrived. In addition, the vents on the roof of two of the compressor stations were releasing continuous streams of methane gas.	53.027.317	90.221	21. Nov	2021
Germany	Hanse Werck	Erdgasspiecher Kraak	Underground Gas Storage Facility	Gas Transmission	Gas	Theo	31.10.2022	Vent	We observed two sources of emissions at this underground storage facility. Two separate vents from one of the stack were releasing methane.	53.419.417	11.374.284	22. Okt	2022

Germany	Neptune Energy	Hamburg Olentwasserungsanlage	Gathering facility	Upstream Oil Production	Oil	Theo	31.10.2022	Tanks; Leak; Vent; Other	We found five sources of emissions at this gathering facility. The roofs of three tanks were releasing methane. The main vent, across the road was emitting significant amount of gas.	53.469.108	10.188.435	22. Okt	2022
Germany	Neptune Energy	Hamburg Olentwasserungsanlage	Gathering facility	Upstream Oil Production	Oil	James	03.12.2022	Tanks; Leak; Vent; Other	We revisited this site. We found five sources of emissions at this gathering facility. The roofs of three tanks were releasing methane. The main vent, across the road was emitting significant amount of gas.	53.469.108	10.188.435	déc-22	2022
Germany	Storengy	Erdgasspiecher Peckensen	Gas storage	Gas Transmission	Gas	Theo	01.11.2022	Vent	We observed two vents releasing continuously methane at this storage facility.	52.801.072	10.942.499	22. Nov	2022
Germany	ONEO	La 126	Oil Well	Upstream Oil Production	Oil	Theo	01.02.2023	Vent; Leak	We observed casing gas venting from a pipe by the wellhead.	49.228.217	8.111.278	févr-23	2023
Germany	ONEO	La 169	Oil Well	Upstream Oil Production	Oil	Theo	01.02.2023	Vent; Leak	We observed casing gas venting from a pipe by the wellhead. The well was not producing.	49.230.798	8.133.727	févr-23	2023
Germany	ONEO	La 133 137 135	Oil Well	Upstream Oil Production	Oil	Theo	01.02.2023	Vent; Leak	We observed casing gas venting from a pipe by the wellhead. The well was not producing.	49.245.233	8.136.648	févr-23	2023
Germany	Gascade	Mallnow Compressor Station	Compressor Station	Gas Transmission	Gas	Theo	01.03.2023	Vent	We revisited this compressor station for the first time since September 2022. We observed continuous venting from the main stack.	52.443.038	1.447.358	mars-23	2023