

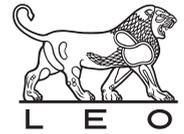


Environmental Performance Report 2019

LEO Pharma manufacturing sites



**Dermatology
beyond the skin**



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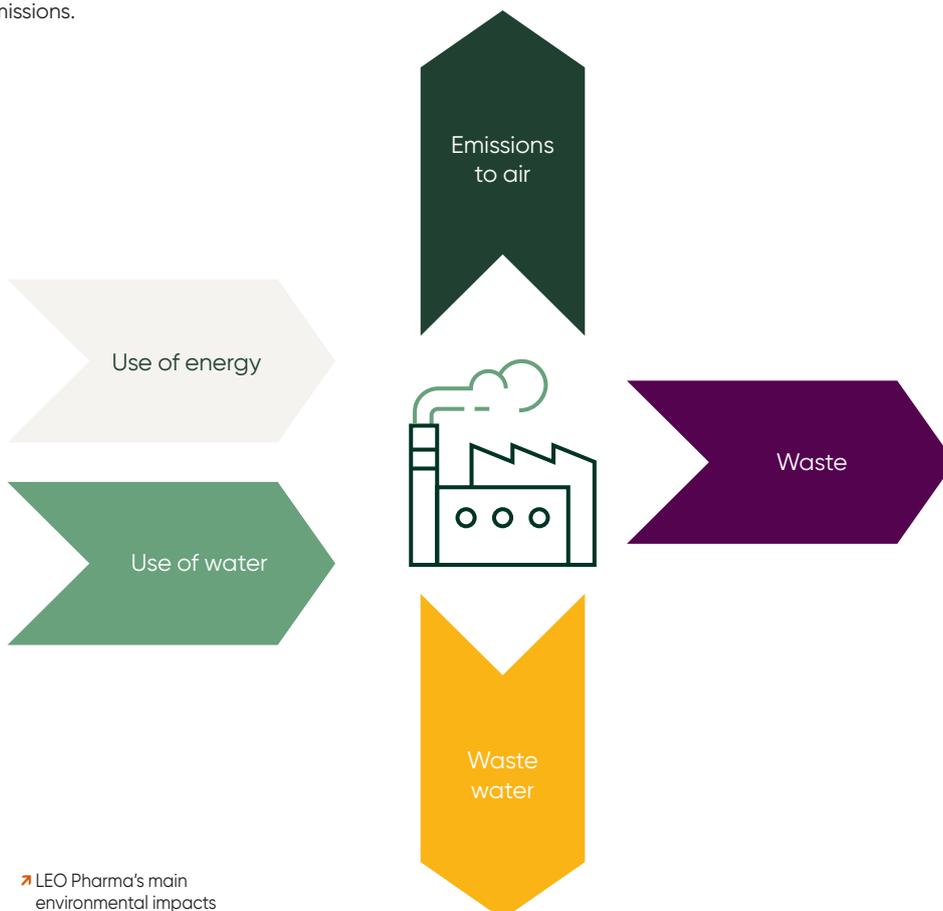
Manufacturing sites

At LEO Pharma, we are committed to reducing the impact our business activities have on the environment. We foster a workplace where employees can thrive and manage our environmental footprint to promote a healthy planet. This report refers to the environmental performance of our manufacturing sites, for safety performance please refer to our annual report.

Our five manufacturing sites are the main focus area of this report, as this is where LEO Pharma operations have the most significant impact on the environment. All five of the LEO Pharma manufacturing sites are located in Europe, with two in Denmark (Ballerup and Esbjerg), one in France (Vernouillet) and two in Ireland (Dublin and Cork). LEO Pharma previously operated a manufacturing site in Southport Australia, this was decommissioned in 2017 and as a result is not included in 2018-2019 data. All LEO Pharma manufacturing sites are certified to ISO 14001 and - all except the manufacturing site in France - are also certified to ISO 50001.

During 2019, LEO Pharma acquired a manufacturing site in Italy (Segrate). However, data from this site will not be included until 2020.

This report covers LEO Pharma's main impacts on the environment, which are the use of energy and water, generation of waste and waste water, indirect and direct emissions of greenhouse gases and other air emissions.



➤ LEO Pharma's main environmental impacts



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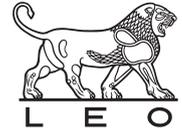
LEO Pharma's environmental and energy impacts at a glance

	2014	2015	2016	2017	2018	2019
Total energy consumption (MWh)*	124,259	124,119	127,537	126,540	116,473	118,938
Energy intensity (MWh/tonne)	23.48	23.56	23.61	27.11	23.47	20.62
Share of electricity from renewable sources (%)	51%	53%	55%	58%	61%	62%
GHG emissions (scope 1+2, tonnes CO _{2e})**	30,951	30,891	31,687	32,092	28,853	29,447
Direct GHG emissions (scope 1, tonnes CO _{2e})**	15,371	15,332	15,996	15,183	14,530	14,629
Direct GHG emissions (scope 2, tonnes CO _{2e})**	15,579	15,559	15,691	16,910	14,324	14,817
Total water input (M ³)	317,311	322,196	360,187	304,370	297,734	348,781
Total waste output (tonnes)	86,531	82,947	78,969	70,219	56,241	68,209
Complaints	0	1	3	2	2	9
Environmental incidents	78	67	34	14	35	25
ISO 14001 certified sites	4	5	5	5	5	5
ISO 50001 certified sites	1	1	1	1	1	4

* Total energy consumption and energy intensity for 2018 has been corrected since the previous report.

** GHG emissions have been calculated in accordance with the Greenhouse Gas Protocol (GHG Protocol).

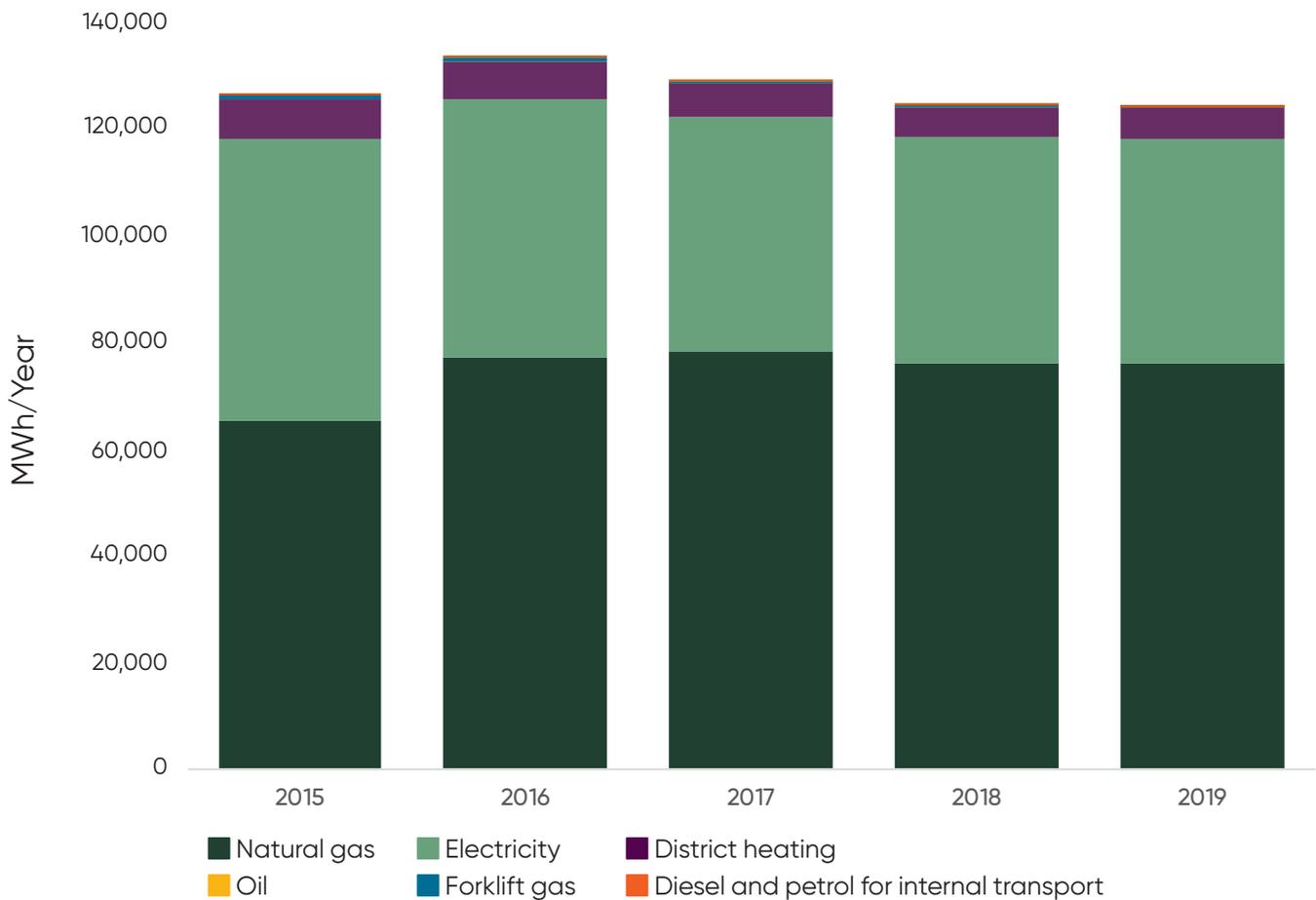
Scope 2 and the total CO₂ emissions have been recalculated from 2014 to 2019 using a new emission factor for district heating.



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Inputs → Energy

Energy consumption (MWh)	2014	2015	2016	2017	2018	2019
Denmark	68,517	68,617	72,280	70,356	63,530	65,892
France	16,705	17,439	16,841	16,408	16,711	16,277
Ireland*	37,308	36,278	37,230	38,149	36,232	36,769
Australia**	1,548	1,567	1,022	1,415	-	-
Total	124,078	123,901	127,373	126,328	116,473	118,938



* Energy consumption for Ireland 2018 has been updated due to new invoicing data being received.

** Energy consumption data from Australia has been corrected.



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Inputs → Water

Water consumption (M ³)	2014	2015	2016	2017	2018	2019
Water input by country:						
Denmark*	166,603	176,646	181,892	175,814	146,004	176,016
France	44,328	41,990	31,285	26,123	26,634	28,636
Ireland	101,941	102,257	145,242	101,403	125,096	117,868
Australia	4,439	1,303	1,768	1,030	-	-
Total	317,311	322,196	360,187	304,370	297,734	322,520

* Low input in 2018 due to a period of production shutdown.

Outputs → Waste

Waste generated by manufacturing sites (tonnes)	2014	2015	2016	2017	2018	2019
Waste output by country:						
Denmark*	84,266	80,204	76,733	68,523	54,343	65,886
France	542	735	765	632	620	488
Ireland	890	999	1,044	1,064	1,279	1835
Australia	833	1,009	427	-	-	-
Total	86,531	82,947	78,969	70,219	56,241	68,209
Waste by treatment rate:						
Recycling**	97.73%	98.52%	98.37%	98.45%	98.54%	98.04%
Special treatment	1.36%	0.29%	0.27%	0.19%	0.26%	0.16%
Incineration with energy recovery	0.81%	0.94%	1.06%	0.77%	1.44%	1.30%
Incineration without energy recovery	0.37%	0.38%	0.41%	0.46%	0.30%	0.40%
Landfill	0.18%	0.10%	0.04%	0.09%	0.16%	0.12%

* Low output in 2018 due to a period of production shutdown.

** High recycling rate driven by process at Esbjerg site where residual waste is processed and used as fertilizer or for production of biogas.



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Outputs → Waste water

Waste water	2014	2015	2016	2017	2018	2019
Waste water (M³):						
Denmark	117,947	141,292	154,465	145,634	112,192	133,440
France	44,260	51,989	29,917	31,698	26,087	22,875
Ireland	65,337	68,074	82,443	92,036	100,452	96,076
Australia	413	380	158	-	-	-
Total	227,957	261,735	266,983	269,368	238,731	252,391
Chemical oxygen demand COD (tonnes):						
Denmark	253	343	335	453	230	381
France	6	9	9	9	9	7
Ireland	28	30	28	31	27	31
Australia*	-	-	-	-	-	-
Total	287	381	371	493	266	419
Total organic carbon TOC (tonnes):						
Denmark	84	114	112	151	77	96
France	2	3	3	3	3	2
Ireland	9	10	9	6	7	8
Australia*	-	-	-	-	-	-
Total	96	127	124	160	86	106

* COD and TOC were not routinely measured by Southport, Australia site.



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Outputs → Emissions to air

Emissions to air (tonnes)	2014	2015	2016	2017	2018	2019
Organic solvents:						
Denmark*	11	8	5	60	34	3
France**	3	8	4	4	5	-
Ireland	-	-	-	-	-	1
Australia	1	-	-	-	-	-
Total	15	16	9	64	38	4
CO₂ scope 1 emissions***:						
Denmark	6,726	6,840	7,297	6,900	6,538	6,528
France	1,803	1,954	1,912	1,799	1,855	1,769
Ireland	6,811	6,522	6,784	6,484	6,137	6,332
Australia	32	15	3.5	0.40	-	-
Total	15,371	15,332	15,996	15,183	14,530	14,629
NO_x:						
Denmark	5	5	6	5	5	5
France	2	1	1	1	1	1
Ireland	12	12	12	12	11	11
Australia	0	0	-	-	-	-
Total	19	18	18	18	17	17
SO₂:						
Denmark	0.0370	0.0370	0.0700	0.0340	0.0320	0.0310
France	0.0200	0.0200	0.0300	0.0260	0.0300	-
Ireland	-	-	-	-	-	-
Australia	0.0850	0.0900	-	-	-	-
Total	0.1420	0.1470	0.1000	0.0600	0.0620	0.0310
Ozone depleting substances ODS:						
Denmark	0.0390	0.0450	0.0470	0.0220	-	-
France	-	0.0042	-	-	-	-
Ireland	0.0020	0.0605	0.0723	-	-	-
Australia	-	-	-	-	-	-
Total	0.0410	0.1097	0.1193	0.0220	-	-

* Increase in organic solvent emissions in 2017 due to insufficient regenerations of carbon filter at Ballerup site.

** 2019 data not available for France.

*** CO₂ scope 1 (direct emissions) calculated using methodology from Greenhouse Gas Protocol (World Resources Institute 2015 GHG Protocol tool for stationary combustion V4.1). Scope 1 CO₂ emissions for Ireland 2018 has been updated.



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Complaints and environmental incidents

Complaints and environmental incidents	2014	2015	2016	2017	2018	2019
No. of complaints:						
Denmark*	-	1	3	1	1	4
France	-	-	-	-	-	-
Ireland*	-	-	-	1	1	5
Australia	-	-	-	-	-	-
Total	-	1	3	2	2	9
No. of environmental incidents reported to the authorities:						
Denmark	61	45	28	9	3	6
France	4	12	-	-	-	1
Ireland	13	10	6	5	32	18
Australia	-	-	-	-	-	-
Total	78	67	34	14	35	25

* 8 of 9 complaints are due to major construction projects on the sites in Ballerup and Dublin.

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