

Sustainability Performance Dashboard

Reference GRI Indicator / Solenis Metric	UN Global Compact	Description	UNITS	2017	2018	2019 Solenis + BASF ¹	2019 Solenis Only	2019 BASF ¹ Only
General Disclosure								
102-7		Total number of employees at Solenis	#	3,920	4,010	5,150	4,200	950
102-7		Solenis-owned manufacturing facilities = plants	#	29	31	36	31	5
102-7		Solenis-owned manufacturing equipment operated at customer facilities	#	4	4	4	4	0
Environmental								
302-1	Principle 7 and 8	Energy consumption within the organization	GJ	1,520,900	1,352,500	3,567,700	1,388,900	2,178,800
302-3	Principle 8	Energy intensity	kWh/ton	430	370	820	390	2,850
302-3	Principle 8	Electricity intensity	kWh/ton	91	85	140	90	370
302-3	Principle 8	Fossil fuel intensity	kWh/ton	337	288	680	300	2,480
303-1	Principle 7 and 8	Total volume of water withdrawn	m ³	3,971,900	3,796,900	5,148,300	4,154,500	993,800
303-2	Principle 8	Water sources significantly affected by withdrawal of water	#	0	0	0	0	0
305-1	Principle 7 and 8	Direct (Scope 1) CO ₂ emissions	ton	60,300	52,600	149,200	53,800	95,400
305-2	Principle 7 and 8	Indirect (Scope 2) CO ₂ emissions	ton	46,600	44,500	87,200	46,300	40,900
305-4	Principle 8	CO ₂ emissions intensity	t CO ₂ /t prod	0.11	0.10	0.19	0.10	0.64
305-6	Principle 7 and 8	Emissions of ozone-depleting substances (ODS)	ton	0	0	0	0	0
306-2	Principle 8	Hazardous waste	ton	5,410	5,790	11,140	7,720	3,420
306-2	Principle 8	Non-hazardous waste	ton	7000	4500	12,510	7,710	4,790
306-3	Principle 8	Significant spills	#	0	0	0	0	0
306-5	Principle 8	Water bodies affected by water discharges and/or runoff	#	0	0	0	0	0
Solenis Metric								
Solenis metric		Number of RC14001 [®] certified plants	#	26	27	26	26	0
Solenis metric		% RC14001 [®] certified plants	%	71	79	72	84	0
Solenis metric		Number of ISO 14001 certified plants	#	27	28	28	27	1
Solenis metric		% ISO 14001 certified plants	%	79	82	78	87	20
Solenis metric		Number of ISO 50001 certified plants	#	2	2	2	2	0
Solenis metric		Environmental incident classification (EIC) ² score	#	87	80	65	65	—

¹BASF = Paper and Water assets of BASF's Performance Chemicals unit

²Environmental incident classification (EIC) is an internal absolute rating that scores spills and regulatory violations at all our facilities (not normalized by production volume) helping to monitor performance.

All statements, information and data presented herein are believed to be accurate and reliable, but are not to be taken as a guarantee, an express warranty, or an implied warranty of merchantability or fitness for a particular purpose, or representation, express or implied, for which Solenis and its subsidiaries assume legal responsibility.

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Occupational Health and Safety								
403-2		Recordable injuries (OHS criteria)	#	24	23	35	28	7
403-2		Total Recordable Rate (OHS criteria)		0.61	0.55	0.69	0.63	1.16
403-2		Days Away from Work Rate		0.41	0.31	0.36	0.32	0.66
403-2		Work-related fatalities	#	0	0	0	0	0
403-3		Workers with high incidence of high risk of diseases related to their occupation	#	0	0	0	0	0
Solenis Metric								
Solenis metric		Number of ISO 45001 (OHSAS 18001) certified plants	#	20	23	22	22	0
Solenis metric		% of ISO 45001 (OHSAS 18001) certified plants	%	60	70	61	71	0
Solenis metric		Number of ISO 9001 certified plants	#	30	31	32	28	4
Solenis metric		Number of Sedex plants	#	20	20	23	20	3

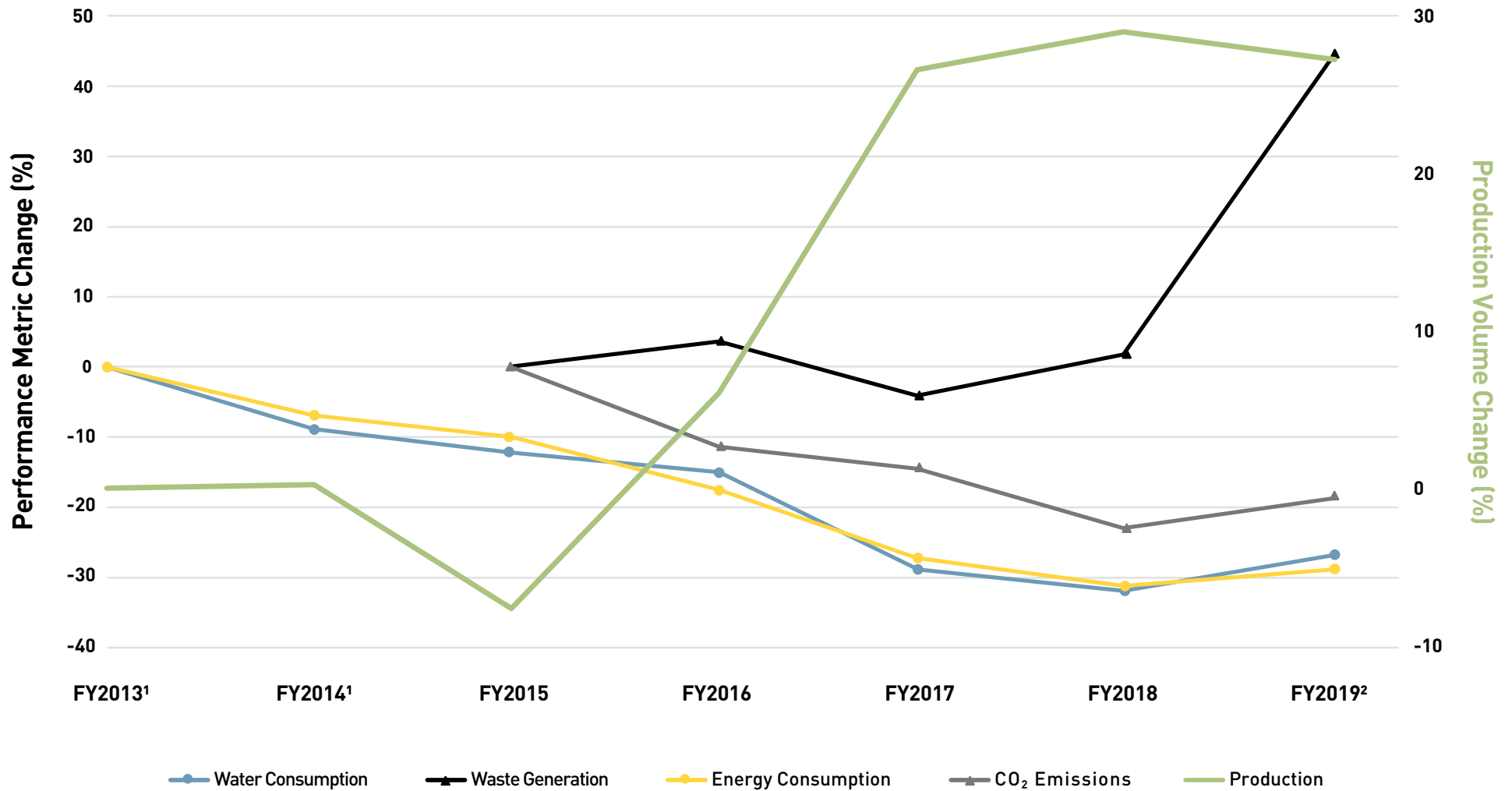
Goals

- 15% reduction energy intensity over 10 years (2014 baseline)
- 10% reduction water intensity over 10 years (2014 baseline)
- 5% reduction of CO₂ emissions over 5 years (2017 baseline)
- Solenis' long-term goal is to operate with zero injuries. Solenis targets to reduce/improve its TRR rate by at least 10% versus prior year and stay with zero fatalities.
- Solenis' long-term goal is to operate with zero environmental incidents. Solenis targets to reduce/improve its EIC score by at least 10% versus prior year.
- Fiscal year 2021 (October 1 - September 30) - 95% of Solenis-owned manufacturing plants to be certified according to RC14001[®] and ISO 45001. 100% of Solenis-owned manufacturing plants to be certified according to RC14001[®] and ISO 45001 by 2025 (excluding any new acquisitions and mergers).
- Fiscal year 2020 (October 1 - September 30) - 94% of Solenis-owned manufacturing plants to be certified according to ISO 9001. 100% of Solenis-owned manufacturing plants to be certified according to ISO 9001 by 2022 (excluding any new acquisitions and mergers).
- Fiscal year 2021 (October 1 - September 30) - 90% of Solenis-owned manufacturing plants to be SEDEX certified. 100% of Solenis-owned manufacturing plants to be certified by 2025 (excluding any new acquisitions and mergers).

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Sustainability Performance Metrics Normalized by Production

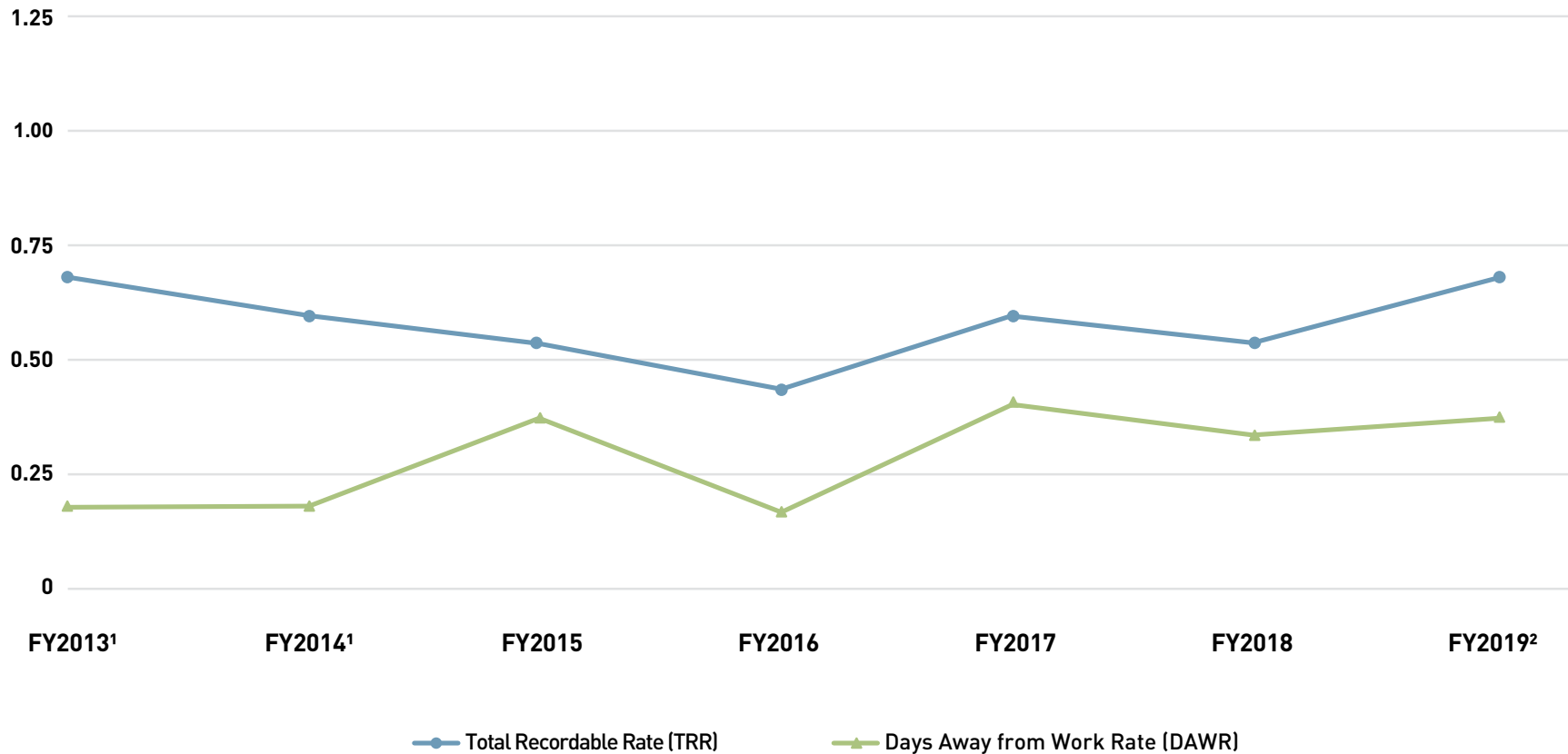


¹Predecessor company: Ashland Water Technologies

²Solenis only

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Global Health and Safety Performance



Total Recordable Rate (TRR) – Calculated by multiplying the total number of OSHA recordable incidents³ in one year by 200,000 hours⁴ and divided by the total number of hours worked by all employees.

Days Away from Work Rate (DAWR) – Calculated by multiplying the total number of OSHA recordable incidents³ that contained lost work days in one year by 200,000 hours⁴ and divided by the total number of hours worked by all employees. DAWR is also referred to as lost time cases or incidents.

¹Predecessor company: Ashland Water Technologies

²Solenis + Paper and Water assets of BASF's Performance Chemicals unit

³OSHA recordable incident as defined by Occupational Safety and Health Administration in the United States.

⁴200,000 hours are the expected hours normally worked by 100 workers in a year.