

ABB Group - Impaakt Report

+1.21




Coverage Status: Good

14  6
Analyses 

582
Ratings

Ticker: ABBN.SW | **ISIN:** CH0012221716 | **# Employees:** 104400 as of 2016 | **Revenue:** \$31.6bn as of 2016

SASB Industry:

Electrical & Electronic
Equipment

Market Cap:

64.1bn

Ranking:


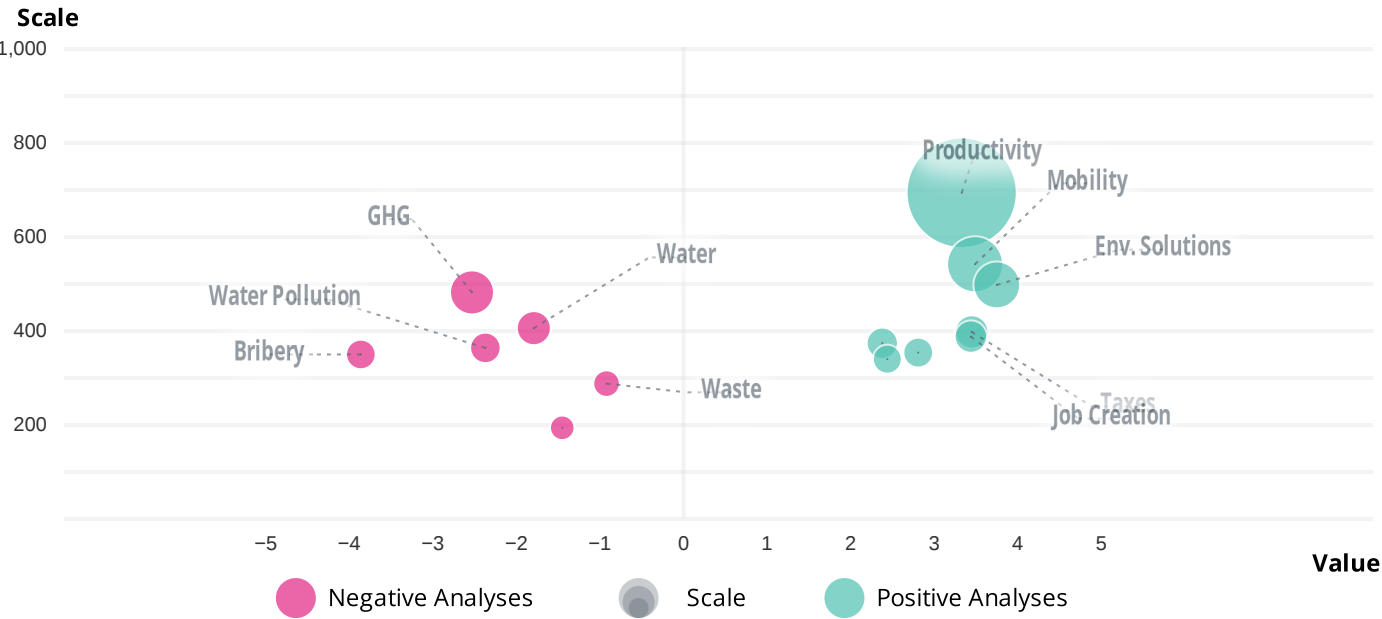

 /38 Rank in industry

ABB Ltd engages in manufacture and sale of electrification, automation, robotics, and motion products for customers in utilities, industry and transport, and infrastructure in Switzerland and internationally. Its Electrification segment provides electric vehicle charging infrastructure, renewable power solutions, modular substation packages, distribution automation products, switchboard and panelboards, switchgear, UPS solutions, circuit breakers, measuring and sensing devices, control products, wiring accessories, enclosures and cabling systems, and intelligent home and building solutions. The company's Robotics & Discrete Automation segment offers industrial robots, software, robotic solutions and systems, field services, spare parts, and digital services. This segment also offers solutions based on its programmable logic controllers, industrial PCs, servo motion, transport system, and machine vision. Its Motion segment manufactures and sells drives, motors, generators, traction converters, and mechanical power transmission products that are driving the low-carbon future for industries, cities, infrastructure, and transportation. The company's Process Automation segment provides process and discrete control technologies, advanced process control software and manufacturing execution systems, sensing, measurement and analytical instrumentation, marine propulsion systems, and large turbochargers. In addition, this segment offers remote monitoring, preventive maintenance, asset performance management, emission monitoring, and cybersecurity services. It serves aluminum, automotive, buildings and infrastructure, cement, channel partners, chemical, data centers, food and beverage, process automation, life sciences, marine and ports, metals, mining, oil and gas, ports, power generation, printing, pulp and paper, railway, smart cities, water, and wind power industries. The company was founded in 1883 and is headquartered in Zurich, Switzerland. (Source: Yahoo Finance)

Distribution of Analyses



Ranked 2/38 in industry

1. Signify	+1.42	++
 ABB Group	+1.21	++
3. Siemens	+0.79	+
4. Schneider Electric	+0.68	+
5. Trimble	+0.51	+
6. A.O. Smith	+0.48	+
7. Acuity Brands	+0.35	+
8. Hexagon	+0.30	+
9. Hitachi	+0.30	+
10. Halma	+0.19	+
11. Toshiba	+0.16	+
12. Fuji Electric	+0.15	+
13. Schindler	+0.09	+
14. Emerson Electric	+0.02	+
15. TE Connectivity	-0.02	-
16. Otis Worldwide	-0.07	-
17. Prysmian	-0.24	-
18. General Electric	-0.27	-
19. Assa Abloy	-0.29	-
20. Daikin Industries	-0.32	-
21. Kone	-0.32	-
22. Carrier Global Corp.	-0.39	-
23. Trane Technologies	-0.41	-
24. Mitsubishi Electric	-0.42	-
25. Mitsubishi Heavy Industries	-0.44	-
26. Honeywell	-0.46	-
27. Keysight Technologies	-0.47	-
28. Lennox	-0.52	-
29. Murata Manufacturing	-0.65	-
30. Johnson Controls	-0.65	-
31. Eaton	-0.71	-
32. Allegion	-0.74	-
33. Rockwell Automation	-1.00	--
34. Ametek	-1.07	--
35. Legrand	-1.22	--
36. Sensata Technologies	-1.35	--

The Sustainable Development Goals or Global Goals are a collection of 17 interlinked goals designed to be a blueprint to achieve a better and more sustainable future for all. The SDGs were set in 2015 by the United Nations General Assembly and are intended to be achieved by the year 2030.



Analyses by SDG

1: No Poverty

2: Zero Hunger

3: Good Health and Well-being

4: Quality Education

5: Gender Equality

6: Clean Water and Sanitation

7: Affordable and Clean Energy

8: Decent work and Economic Growth

9: Industry, Innovation and Infrastructure

10: Reduced Inequalities

11: Sustainable Cities and Communities

12: Responsible Consumption and Production

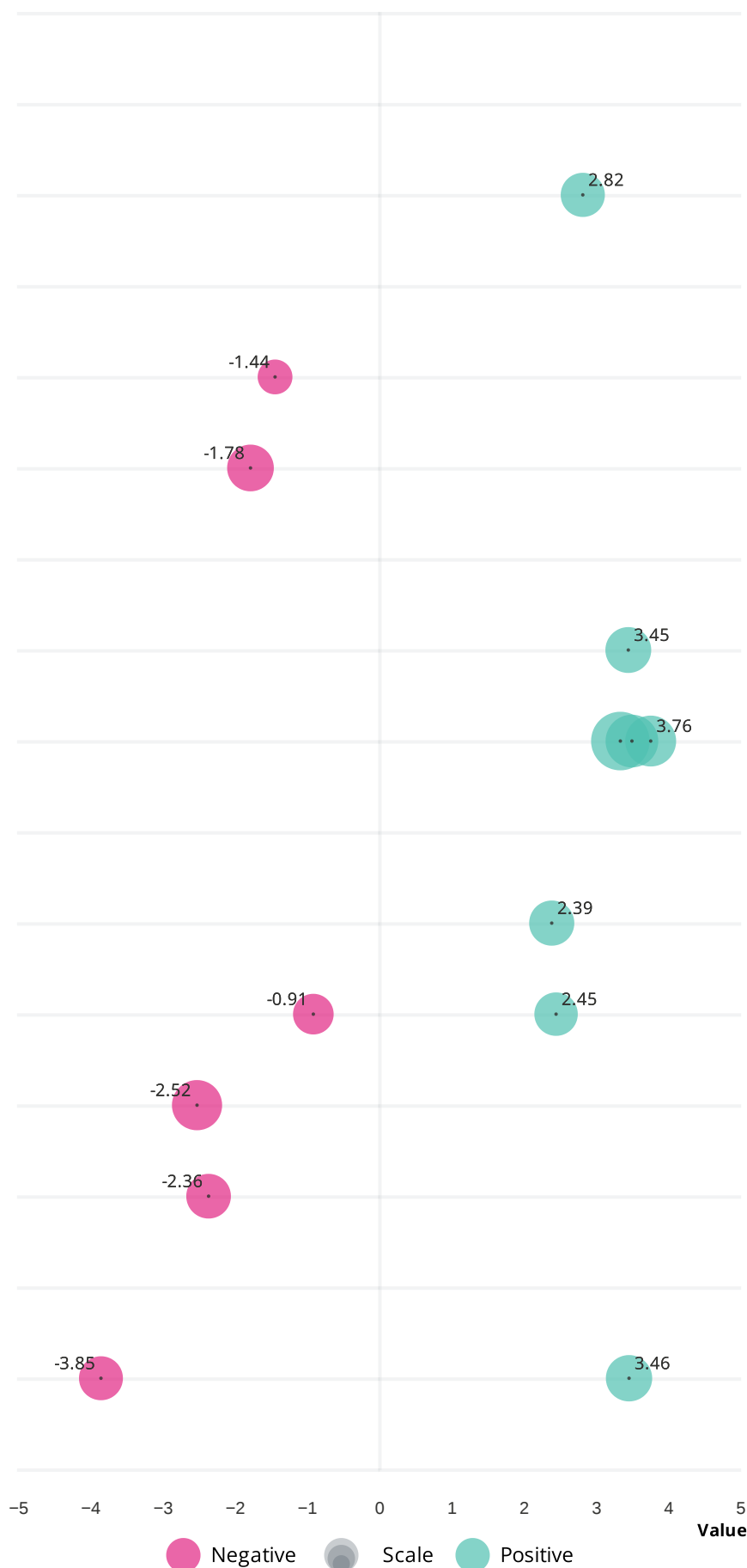
13: Climate Action

14: Life below Water

15: Life on Land

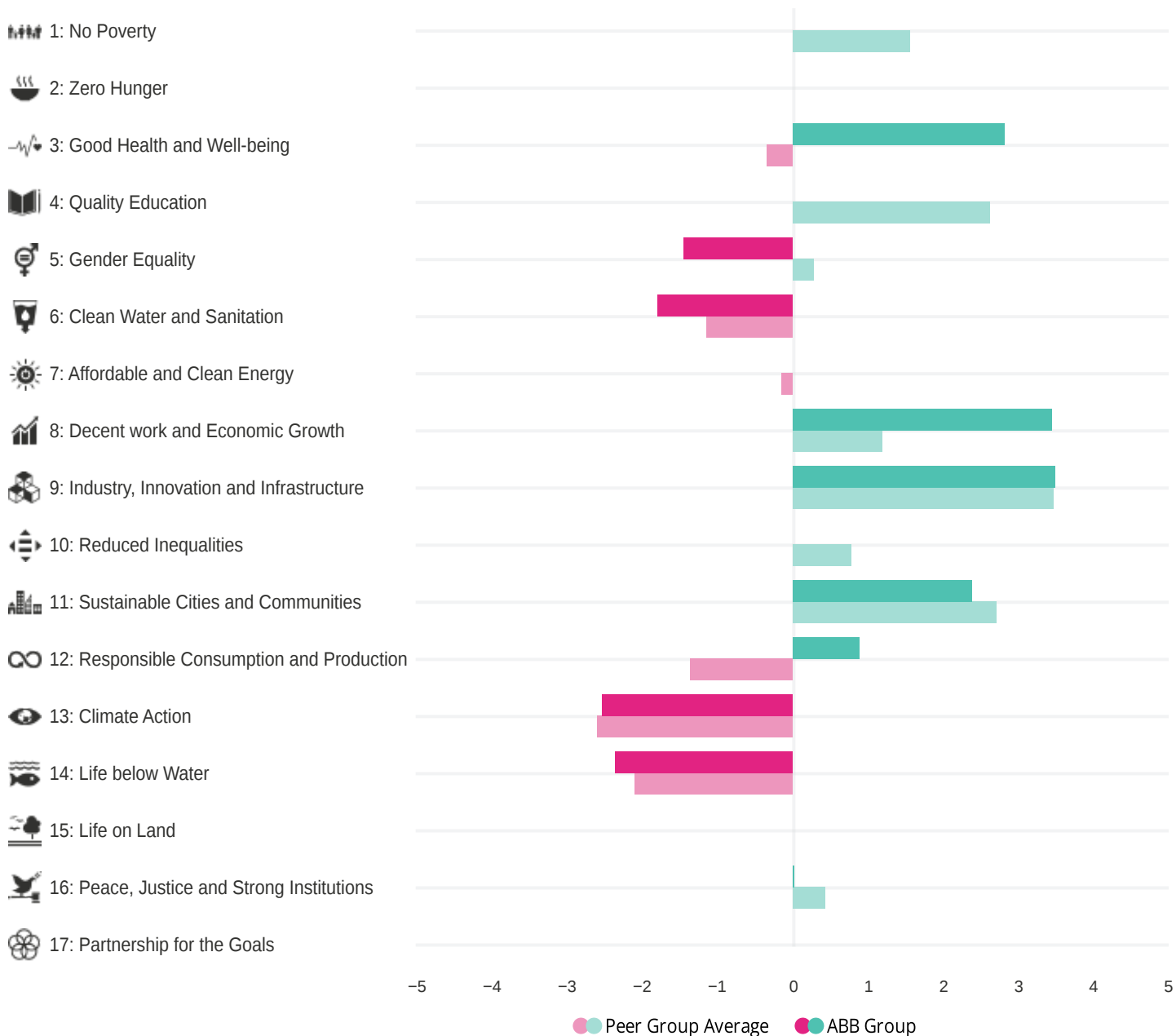
16: Peace, Justice and Strong Institutions

17: Partnership for the Goals



Score Compared to Peer Group Average by SDG

ABB Group's Peer Group: [Siemens](#), [Signify](#), [Schneider Electric](#), [Hitachi](#), [Honeywell](#)



Detailed Peer Group Comparison by SDG

SDG	Peer Group Average	ABB Group			Siemens	Signify	Hitachi	Honeywell	Schneider Electric
1	+3.16	-	-		-	+3.16	-	-	-
2	-	-	-		-	-	-	-	-
3	-0.43	<	+2.82	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	-3.59	-	+3.09	-4.05	-
4	+2.64	-	-		+3.02	-	+2.68	+2.56	+2.32
5	+0.29	>	-1.44	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	+2.16	+3.11	+2.20	-2.02	-2.25
6	-1.15	>	-1.78	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	+0.13	-1.45	-3.32	+3.14	-3.61
7	-0.17	-	-		+2.45	-0.25	-3.98	-0.33	+1.25
8	+1.20	<	+3.45	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	+0.24	+2.06	+0.78	+0.42	+0.24
9	+3.48	<	+3.51	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	+3.88	+3.68	+2.20	+3.82	+3.80
10	+0.79	-	-		+3.08	+0.13	+1.89	-0.22	-0.94
11	+3.40	>	+2.39	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	+3.48	+4.06	+3.66	-	-
12	-1.36	<	+0.91	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	-2.64	-1.61	-3.05	+0.81	-2.60
13	-2.60	<	-2.52	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	-3.40	-0.63	-1.84	-3.57	-3.62
14	-2.79	<	-2.36	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	-	-	-2.33	-3.67	-
16	+0.45	>	+0.04	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	-0.63	+0.14	+2.50	-1.87	+2.50
17	-	-	-		-	-	-	-	-

Weight

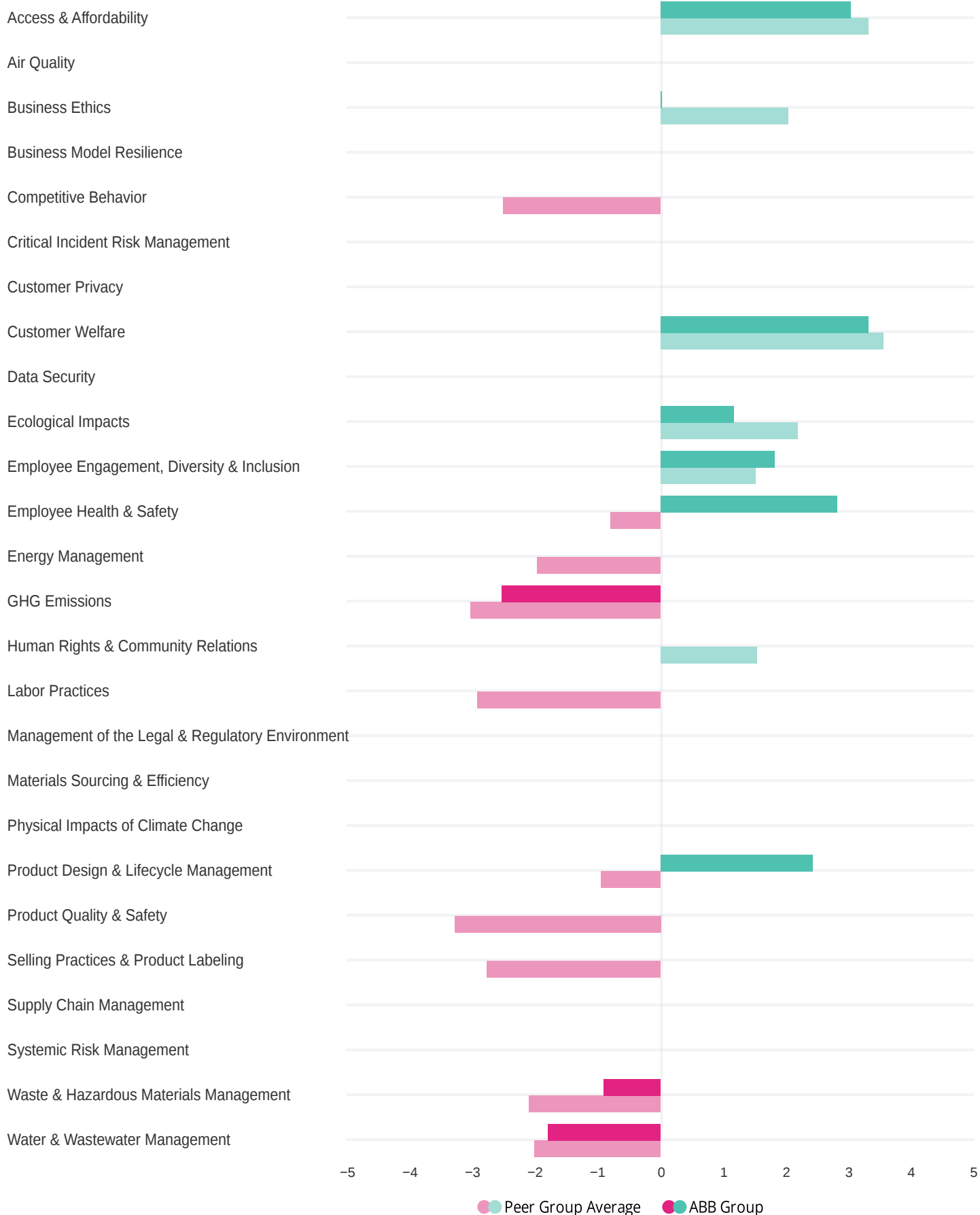
SASBT industries covered out of 26	#Analyses	Weight	Impact Score
Access & Affordability	2	16.16%	+3.05
Ecological Impacts	2	15.20%	+1.18
Business Ethics	2	13.18%	+0.04
Customer Welfare	1	12.26%	+3.34
Employee Engagement, Diversity & Inclusion	2	10.24%	+1.83
GHG Emissions	1	8.50%	-2.52
Water & Wastewater Management	1	7.16%	-1.78
Employee Health & Safety	1	6.24%	+2.82
Product Design & Lifecycle Management	1	5.99%	+2.45
Waste & Hazardous Materials Management	1	5.07%	-0.91

Analyses by SASB Theme




Score Compared to Peer Group Average by SASB Theme

ABB Group's Peer Group: [Siemens](#), [Signify](#), [Schneider Electric](#), [Hitachi](#), [Honeywell](#)



Detailed Peer Group Comparison by SASB

SASB Theme	Peer Group Average		ABB Group		Siemens	Signify	Hitachi	Honeywell	Schneider Electric
Access & Affordability	+3.34	>	+3.05		+3.78	+3.68	+3.05	-	+3.13
Business Ethics	+2.04	>	+0.04		+2.22	+2.50	+2.50	+2.50	+2.50
Customer Welfare	+3.57	>	+3.34		+3.70	-	+3.09	+3.82	+3.89
Ecological Impacts	+2.20	>	+1.18		+3.39	+4.06	+0.86	-0.78	+4.48
Employee Engagement, Diversity & Inclusion	+1.54	<	+1.83		+2.90	+0.02	+2.31	+1.16	+1.02
Employee Health & Safety	-0.79	<	+2.82		-3.59	+0.87	-0.45	-2.29	-2.11
GHG Emissions	-3.04	<	-2.52		-3.40	-3.27	-1.84	-3.57	-3.62
Product Design & Lifecycle Management	-0.94	<	+2.45		-2.58	+1.26	-3.19	-0.93	-2.62
Waste & Hazardous Materials Management	-2.10	<	-0.91		-2.72	-1.85	-2.42	-2.19	-2.50
Water & Wastewater Management	-2.01	<	-1.78		+0.13	-1.45	-3.32	-	-3.61

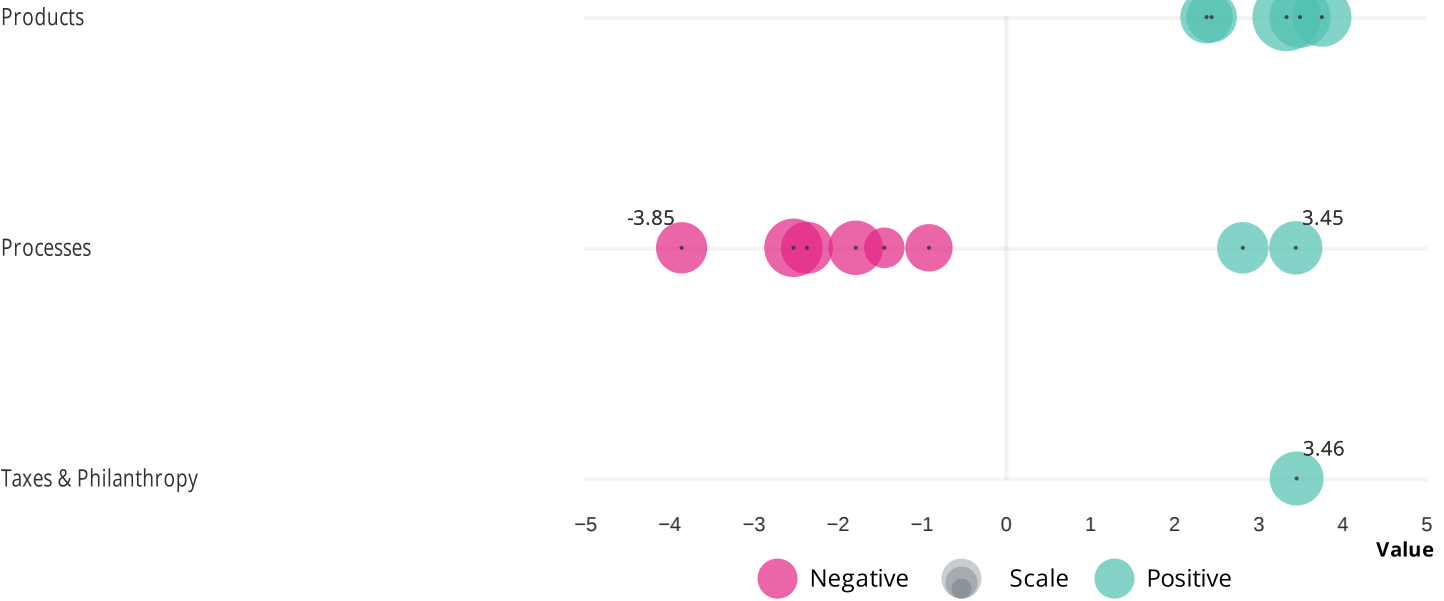
Analytics based on the Categories Framework

Weight

Weight Category	Percentage
50.8%	50.8%
45.8%	45.8%
3.4%	3.4%

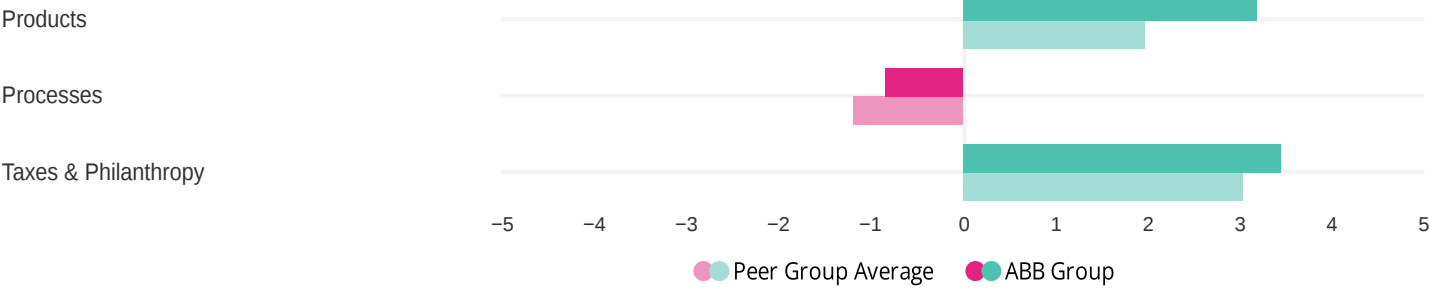
Category industries covered out of 3	#Analyses	Weight	Impact Score	
● Products	5	50.76%	+3.19	
● Processes	8	45.84%	-0.83	
● Taxes & Philanthropy	1	3.40%	+3.46	

Analyses by Category



Score Compared to Peer Group Average by Category


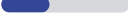





ABB Group's Peer Group: [Siemens](#), [Signify](#), [Schneider Electric](#), [Hitachi](#), [Honeywell](#)



Detailed Peer Group Comparison by Categories

Category	Peer Group Average		ABB Group		Siemens	Signify	Hitachi	Honeywell	Schneider Electric
Processes	-1.19	<	-0.83	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	-1.43	-0.94	-1.37	-1.02	-1.54
Products	+1.99	<	+3.19	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	+2.75	+2.36	+2.81	-1.14	+1.97
Taxes & Philanthropy	+3.05	<	+3.46	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	+3.34	+3.18	+2.71	+2.71	+2.88

Detailed Score of all analyses

SASB Theme	SDG	Headline	Impact value	Impact scale	#Ratings
Employee Health & Safety	 3	ABB Group surpassed its target of covering 70% employees under its well-being program by 2020 in 2019	+2.82 	1.76 	28
Employee Engagement, Diversity & Inclusion	 5	ABB is promoting STEM education and careers for women & girls but lacks gender equality internally	-1.44 	0.96 	32
Water & Wastewater Management	 6	ABB Group withdrew 3.22Mn m3 water in 2020, 39% withdrawn from water-stressed areas	-1.78 	2.02 	29
Employee Engagement, Diversity & Inclusion	 8	ABB group contributes to social growth and economic stability by employing 105,600 people worldwide	+3.45 	1.93 	32
Customer Welfare	 9	ABB's electrical & electronic equipment solutions boost the productivity of multiple industries	+3.34 	3.46 	34
Access & Affordability	 9	ABB Group provides transportation services to customers globally, through its technological solution	+3.50 	2.70 	42
Ecological Impacts	 9	With 400,000+ EV chargers sold worldwide, ABB is leading the way to clean mobility	+3.76 	2.48 	48
Access & Affordability	 11	ABB showcases expanded range of building solutions	+2.39 	1.86 	81
Product Design & Lifecycle Management	 12	ABB makes manufacturing more sustainable by recycling and remanufacturing old robots.	+2.45 	1.69 	56
Waste & Hazardous Materials Management	 12	ABB's 2020 waste footprint equals waste generated by 243,337 people in Switzerland annually	-0.91 	1.43 	40
GHG Emissions	 13	In the year 2020, ABB emitted 6.6M t of CO2 emissions equivalent	-2.52 	2.40 	29
Ecological Impacts	 14	ABB discharged 2.65 Mn m3 of wastewater in 2020	-2.36 	1.81 	36

SASB Theme	SDG	Headline	Impact value	Impact scale	#Ratings
Business Ethics	 16	ABB's repeated history with corruption in developing countries cost the economy an added expense	-3.85 	1.74 	 39
Business Ethics	 16	Over the past three years, ABB Group has contributed around \$1.8 Bn USD to corporate taxes	+3.46 	1.98 	 20

Understanding our Impact Score



1. Analyses

The analyses are written by an active community of writers that went through a rigorous training process. Each analysis is reviewed by our team of editors being published.



2. Ratings

Then the community rates each analysis according to 2 dimensions: value and scale.



Value

3. Value & Scale

Value: how positive or negative the impact is described in the analysis. **Scale:** how small or large the impact is described, taking into account the breadth, depth and persistence, as defined by the Impact Management Project.

Scale



4. Final Score

The analyses are written by an active community of writers that went through a rigorous training process. Each analysis is reviewed by our team of editors being published.