

First Solar - Impaakt Report

+1.60




Coverage Status: Good

11



Analyses

- 5
+ 6

232

Ratings

Ticker: FSLR | **ISIN:** US3364331070


SASB Industry:

Solar Technology & Project
Developers

Market Cap:

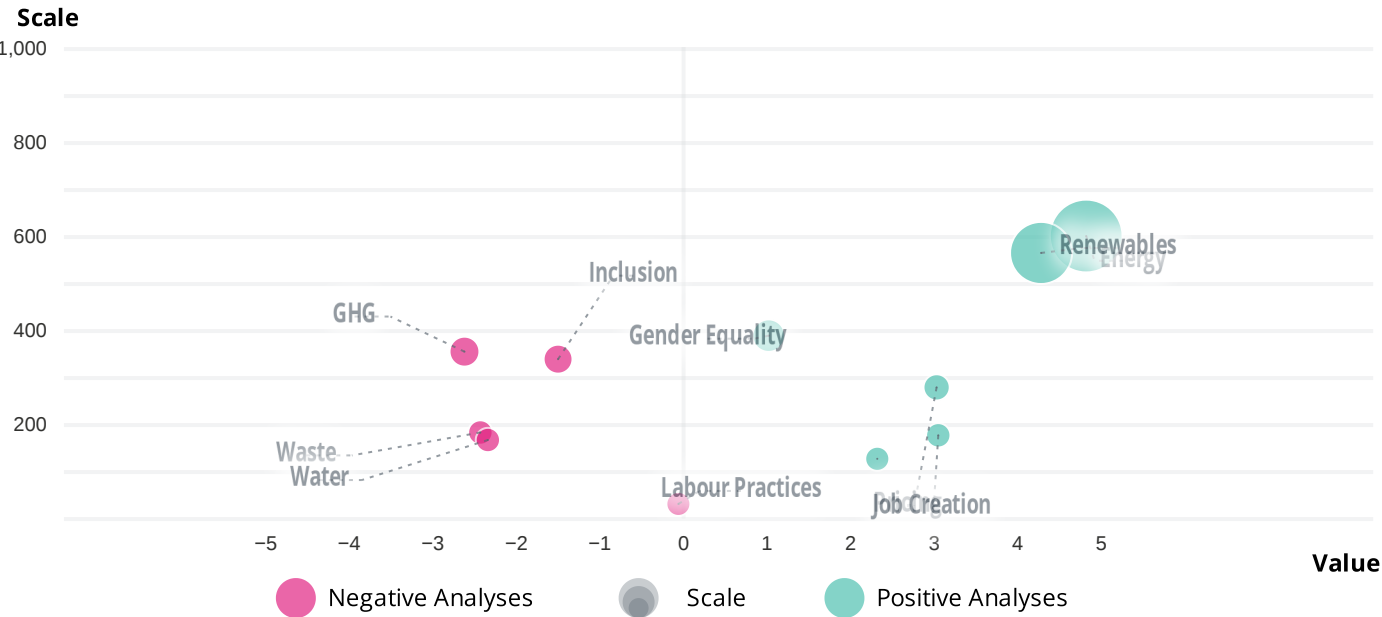
7.8bn

Ranking:







 /4 Rank in industry

First Solar, Inc. provides photovoltaic (PV) solar energy solutions in the United State, Japan, France, Canada, India, Australia, and internationally. It operates in two segments, Modules and Systems. The Modules segment designs, manufactures, and sells cadmium telluride solar modules that convert sunlight into electricity to integrators and operators of PV solar power systems. The Systems segment provides power plant solutions, such as project development; engineering, procurement, and construction; and operating and maintenance services to utilities, independent power producers, commercial and industrial companies, and other system owners. The company was formerly known as First Solar Holdings, Inc. and changed its name to First Solar, Inc. in 2006. First Solar, Inc. was founded in 1999 and is headquartered in Tempe, Arizona. (Source: Yahoo Finance)

Distribution of Analyses



Ranked 1/4 in industry

 First Solar	+1.60	 
2. LONGi Green Energy Technology	+0.92	
3. Enphase Energy	+0.78	
4. SolarEdge Technologies	+0.47	

Analytics based on the SDG Framework

Weight Category	Percentage
1	36.4%
2	19.2%
3	12.1%
4	11.1%
5	10.9%
6	6.4%
7	3.9%

[illegible]

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

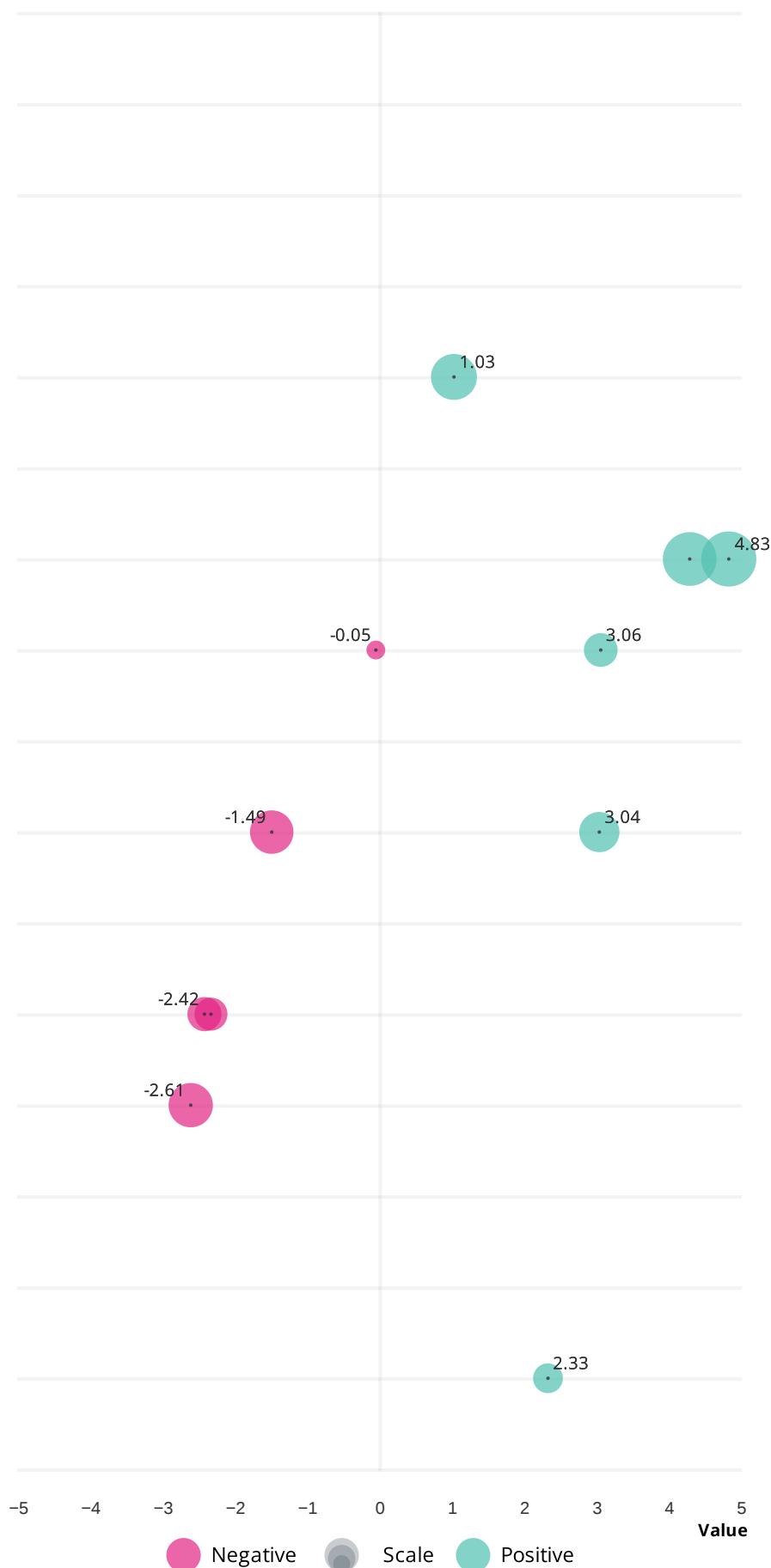
13: Climate Action

14: Life below Water

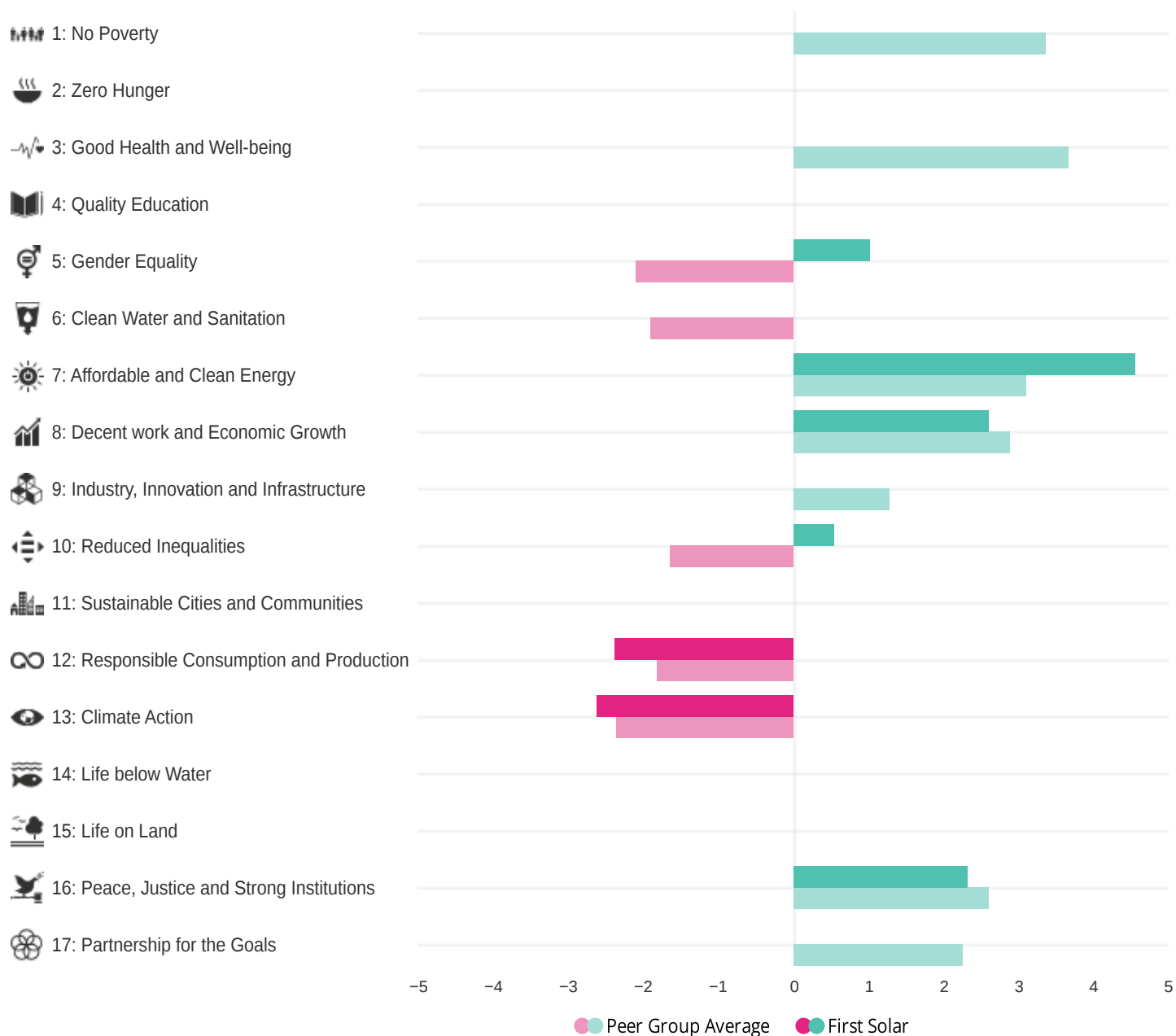
15: Life on Land

16: Peace, Justice and Strong Institutions







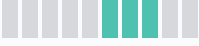
17: Partnership for the Goals



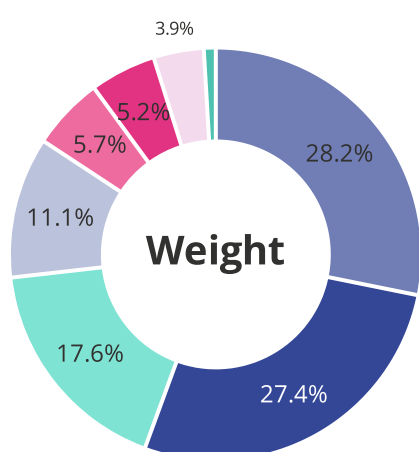
Score Compared to Peer Group Average by SDG



Detailed Peer Group Comparison by SDG

SDG	Peer Group Average		First Solar		SolarEdge Technologies	Enphase Energy	LONGi Green Energy Technology
5	-2.09	<	+1.03		-4.16	-4.89	-3.09
6	-1.90	-	-		-2.38	-	-2.30
7	+3.32	<	+4.57		+2.36	+2.50	+3.58
8	+2.90	>	+2.61		+2.55	+2.81	+3.19
9	+3.03	-	-		-	+3.75	-
10	-1.64	<	+0.55		-	-0.68	-
12	-2.08	>	-2.38		-2.34	-2.50	-2.50
13	-2.69	<	-2.61		-2.67	-2.17	-2.73
16	+2.62	>	+2.33		+2.72	+3.66	+2.22

Sustainability Accounting Standards Board (SASB) connects businesses and investors on the financial impacts of sustainability. Financially Materials: SASB's mission is to help businesses around the world identify, manage and report on the sustainability topics that matter most to their investors.



SASBT industries covered out of 26	#Analyses	Weight	Impact Score
Employee Engagement, Diversity & Inclusion	3	28.17%	+0.48
Access & Affordability	2	27.42%	+4.26
Energy Management	1	17.61%	+4.29
GHG Emissions	1	11.06%	-2.61
Waste & Hazardous Materials Management	1	5.68%	-2.42
Water & Wastewater Management	1	5.18%	-2.33
Business Ethics	1	3.94%	+2.33
Labor Practices	1	0.94%	-0.05

Analyses by SASB Theme

Access & Affordability

Business Ethics

Employee Engagement, Diversity & Inclusion

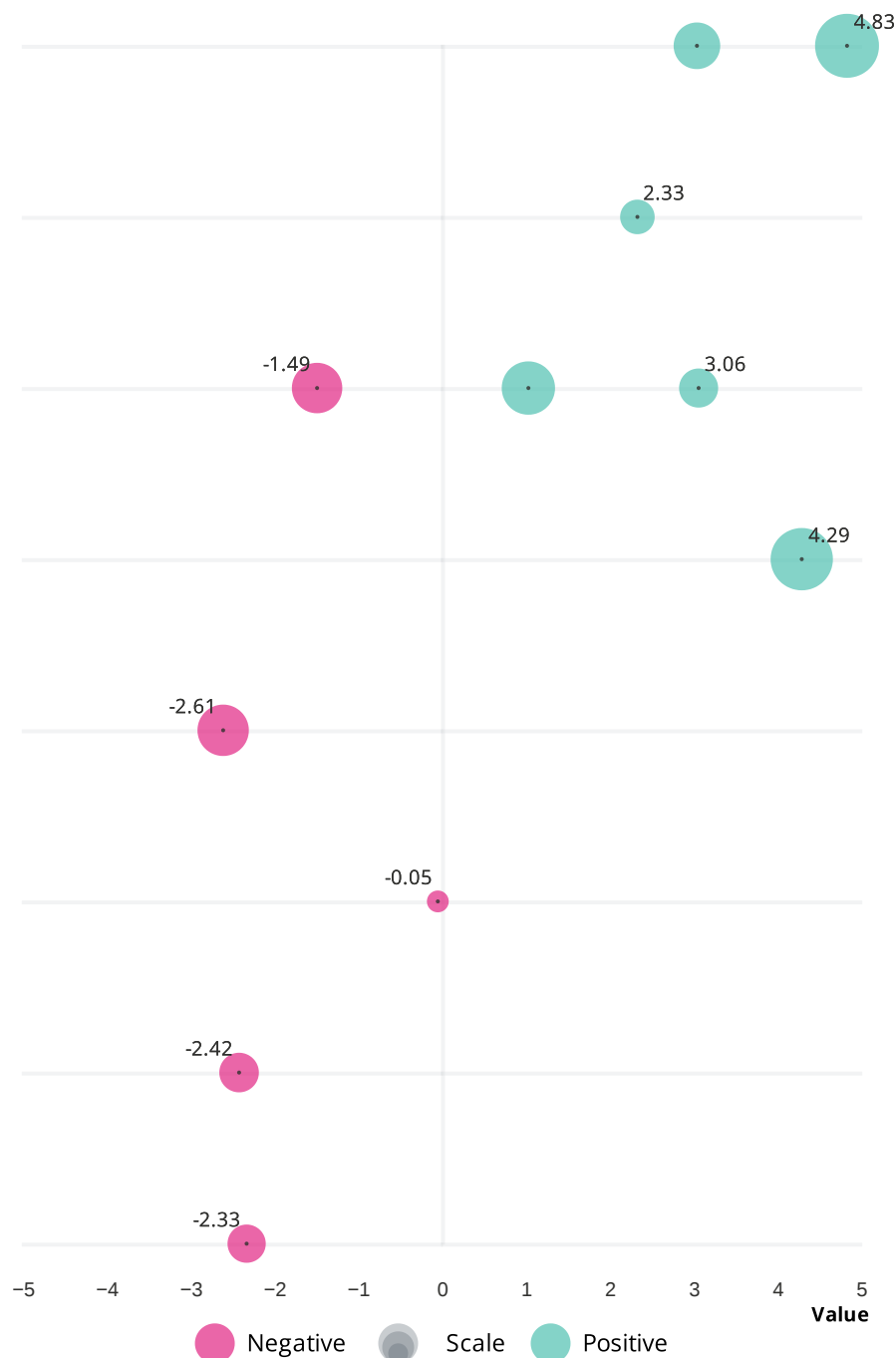
Energy Management

GHG Emissions

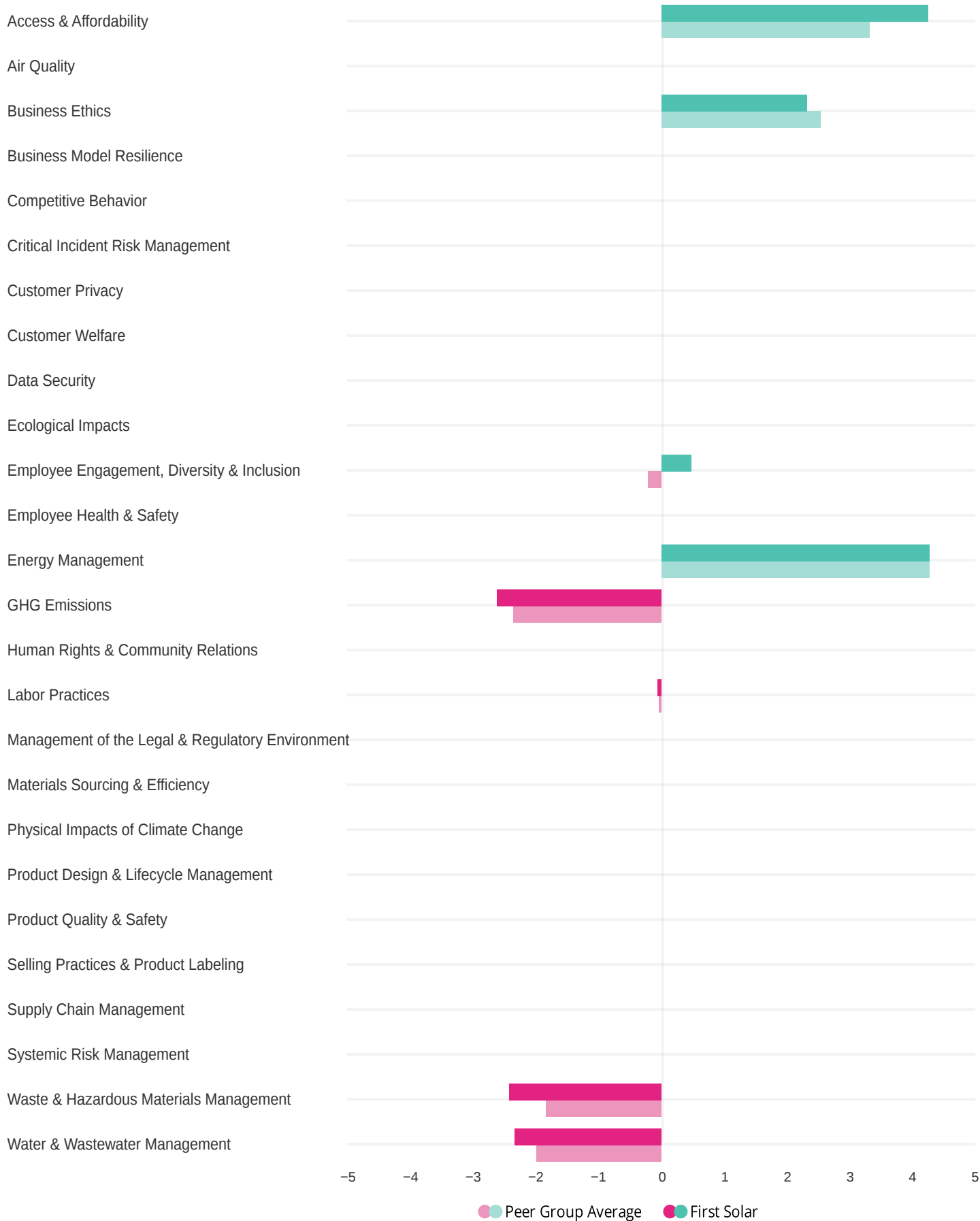
Labor Practices

Waste & Hazardous Materials Management









Water & Wastewater Management



Score Compared to Peer Group Average by SASB Theme

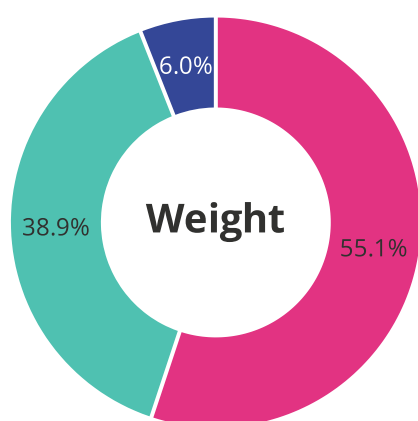


Detailed Peer Group Comparison by SASB

SASB Theme	Peer Group Average		First Solar		SolarEdge Technologies	Enphase Energy	LONGi Green Energy Technology
Access & Affordability	+3.33	<	+4.26		+2.36	+2.95	+3.58
Business Ethics	+2.54	>	+2.33		+2.72	+3.66	+2.22
Employee Engagement, Diversity & Inclusion	-0.21	<	+0.48		-0.83	-1.18	+0.88
Energy Management	+4.29	=	+4.29		-	-	-
GHG Emissions	-2.69	<	-2.61		-2.67	-2.17	-2.73
Labor Practices	-0.05	=	-0.05		-	-	-
Waste & Hazardous Materials Management	-2.08	>	-2.42		-2.34	-2.50	-2.50
Water & Wastewater Management	-1.98	>	-2.33		-2.38	-	-2.30

Analytics based on the Categories Framework

To help you look at the most material impacts of a company, we distinguish impact that is either related to the Processes of the company, its Products (or services) or its Philanthropy.



Category industries covered out of 3	#Analyses	Weight	Impact Score	
Processes	7	55.09%	-0.81	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Products	3	38.92%	+4.27	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Taxes & Philanthropy	1	5.99%	+2.33	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>



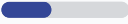











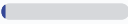





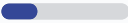


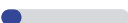


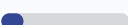


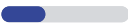


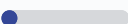
Analyses by Category



Detailed Peer Group Comparison by Categories

Category	Peer Group Average		First Solar		SolarEdge Technologies	Enphase Energy	LONGi Green Energy Technology
Processes	-	-	-0.81	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	-1.82	-1.81	-1.61
Products	-	-	+4.27	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	+2.36	+2.95	+3.58
Taxes & Philanthropy	-	-	+2.33	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	+2.72	+3.66	+2.22

Detailed Score of all analyses

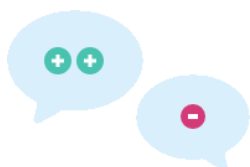
SASB Theme	SDG	Headline	Impact value	Impact scale	#Ratings
Employee Engagement, Diversity & Inclusion	 5	Women at First Solar represented 33.3% at the BOD level and 19% in the total workforce by Dec 2020	+1.03 	1.94 	18
Access & Affordability	 7	First Solar's shipments in 2020 have enabled access to energy to 4.6 Mn homes	+4.83 	3.00 	44
Energy Management	 7	In 2021, First Solar's produced 7.9 GW of solar modules, which offset 11.1 Mn tCO2 annually	+4.29 	2.82 	32
Employee Engagement, Diversity & Inclusion	 8	In 2020, First Solar employed 5,100 people, hence contributing to economic growth & social stability	+3.06 	0.88 	16
Labor Practices	 8	First Solar has has no documented labour rights violations in its supply chain	-0.05 	0.15 	14
Employee Engagement, Diversity & Inclusion	 10	At First Solar, ethnic minorities represent 38% of its workforce; 13% above the industry average	-1.49 	1.69 	14
Access & Affordability	 10	First Solar is affordable, having lower prices than main competitors and national average prices	+3.04 	1.39 	22
Water & Wastewater Management	 12	First Solar consumed 3.65 Mn m3 of water in 2020, equal to annual water consumed by 1,282 Americans	-2.33 	0.83 	12
Waste & Hazardous Materials Management	 12	First Solar generated 45,076 t of waste in 2020, equal to the annual waste of 56,345 Americans	-2.42 	0.91 	16
GHG Emissions	 13	In 2020, FS' total emissions of 1.96 Mn t were equal to annual emissions of 125,908 people in the US	-2.61 	1.77 	26
Business Ethics	 16	First Solar's corporate income and payroll taxes contribute towards people's well-being	+2.33 	0.63 	12

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.