

המשרד להגנת הסביבה



الوزارة لحماية البيئة
Israel Ministry of Environmental Protection

Environmental Impact Index

A rating of industrial companies in Israel

Includes more than **100** factories
obligated to report to the PRTR,
and some **1,000** gas stations

2017 Index



This is the 7th year the Ministry of Environmental Protection is publishing an Environmental Impact Index of Israel's largest public companies

- The rating raises public awareness about companies' environmental activities, in a simple and understandable manner
- The methodology of the Index is based on the UK's Operational Risk Appraisal (OPRA), through which the government assesses environmental risk and determines how to allocate its regulatory resources.
- The Index includes public and government companies that are obligated to submit reports to the Pollutant Releases and Transfers Register (PRTR) or to companies that operate gas stations. Altogether, the Index includes:

More than 40 public companies

More than 100 factories

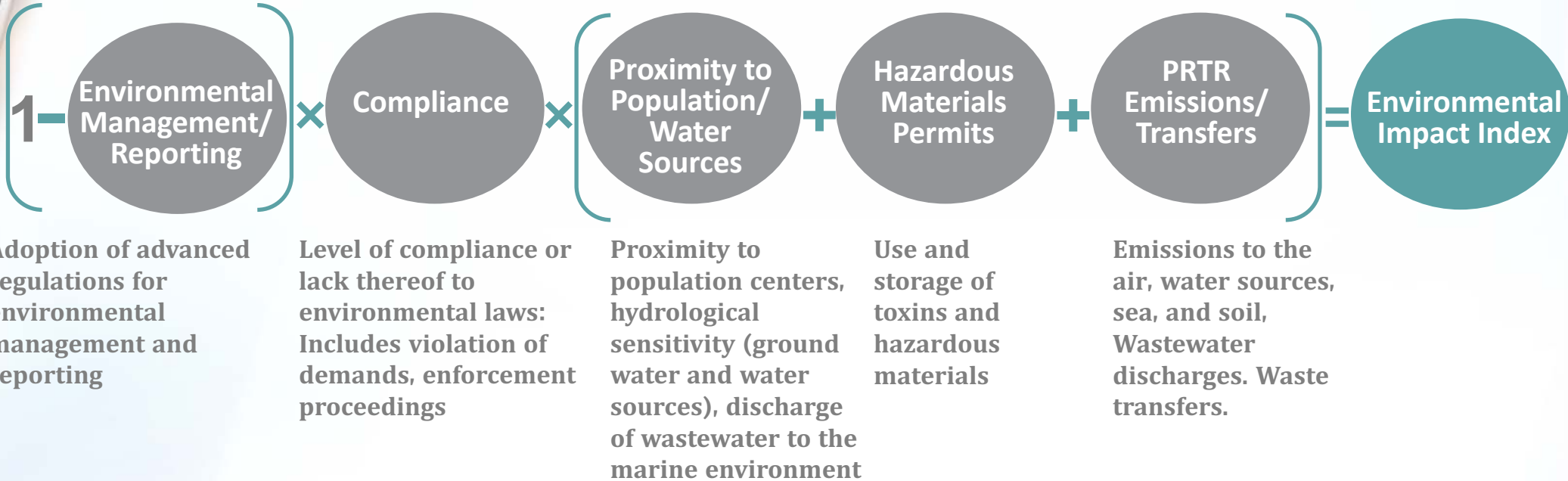
More than 900 gas stations

Environmental Impact Index Components

The environmental impact of the company: Pollutant emissions to the air, sea, rivers/streams, soil. Wastewater discharges. Waste transfers. Use of hazardous materials. Proximity of the factory to the population and to water sources.

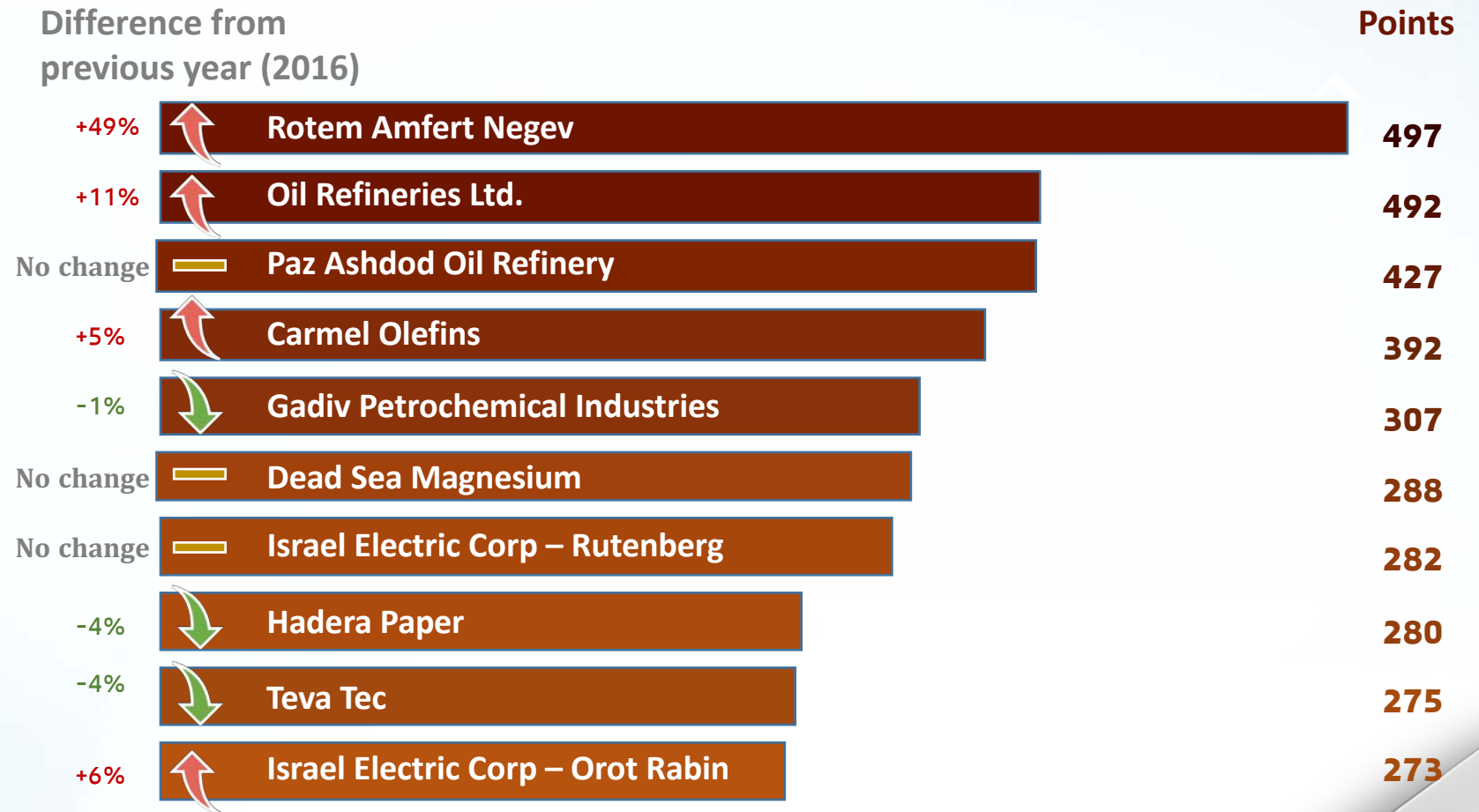
Compliance to environmental laws: Violations of environmental laws, rules, and regulations that were discovered during Ministry of Environmental Protection inspections.

Environmental management: Voluntary actions taken aimed at improving the company's environmental impact. Ex: using environmental management systems, taking steps to ensure environmentally efficiency, submitting voluntary environmental reports, etc.



Factory Index: "Top 10"

Higher points = Higher Potential Environmental Risk



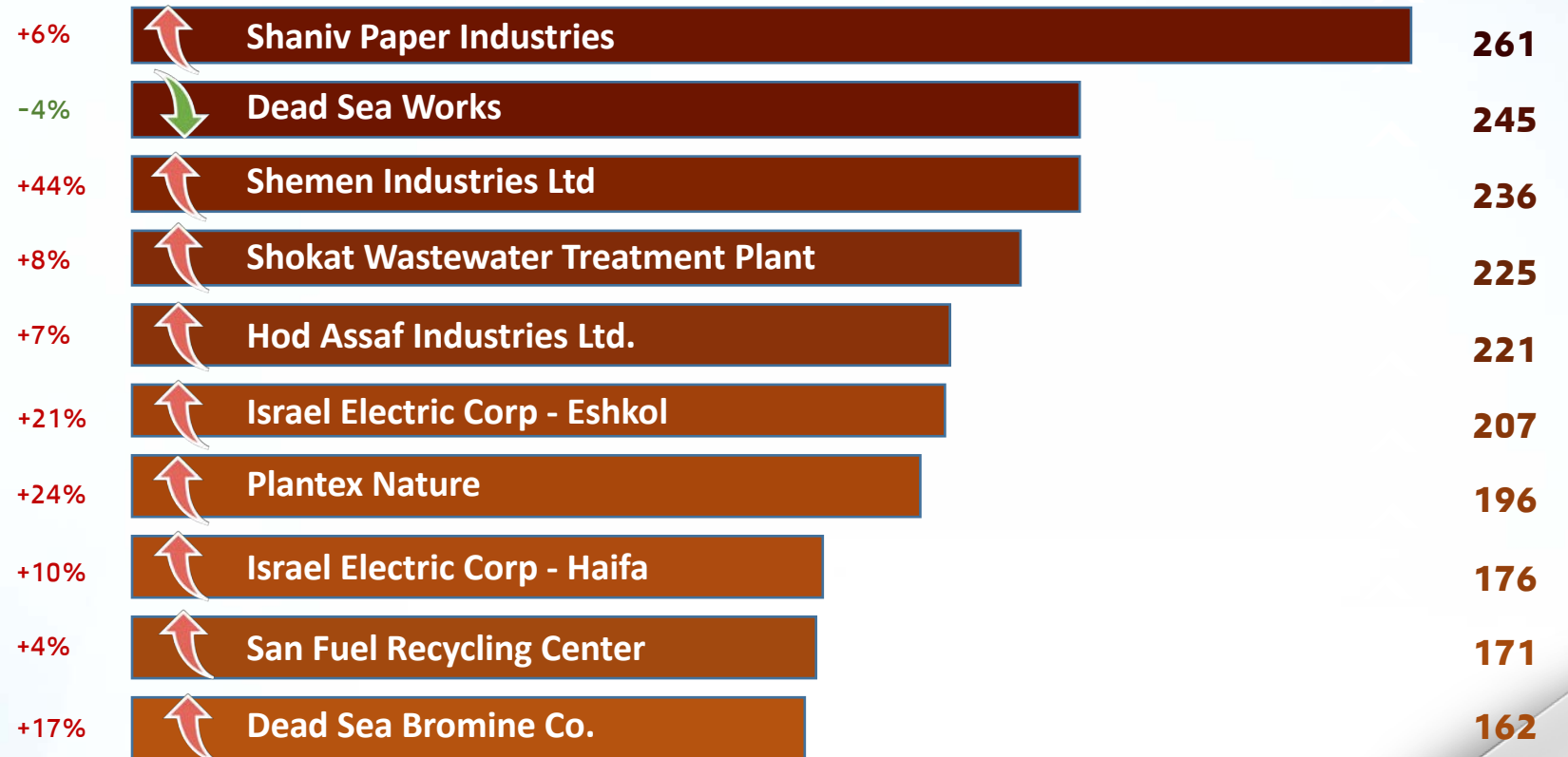
Click on name of factory in order to read more about that factory.

Factory Index: Rated 10 - 20

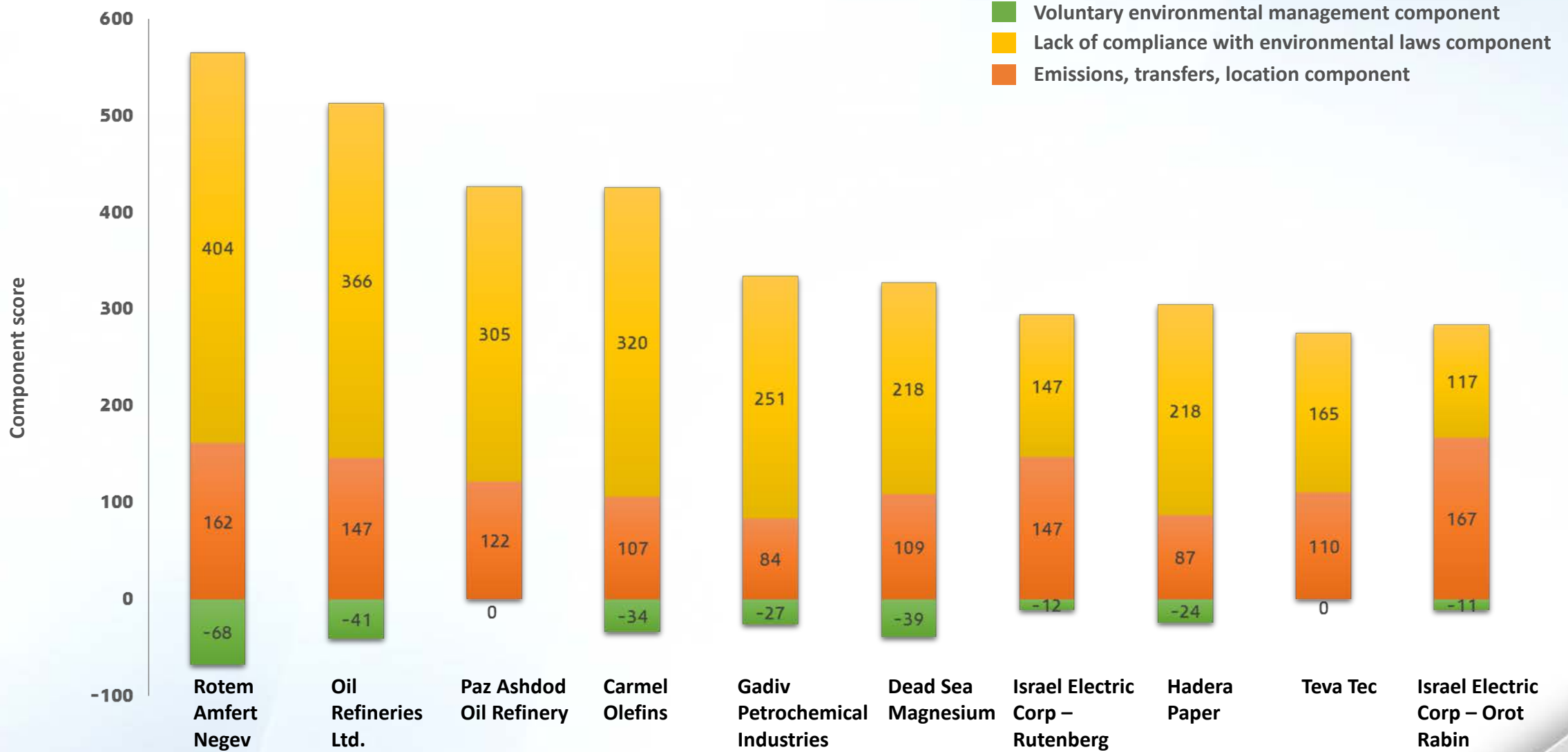
Higher points = Higher Potential Environmental Risk

Difference from
previous year (2016)

Points



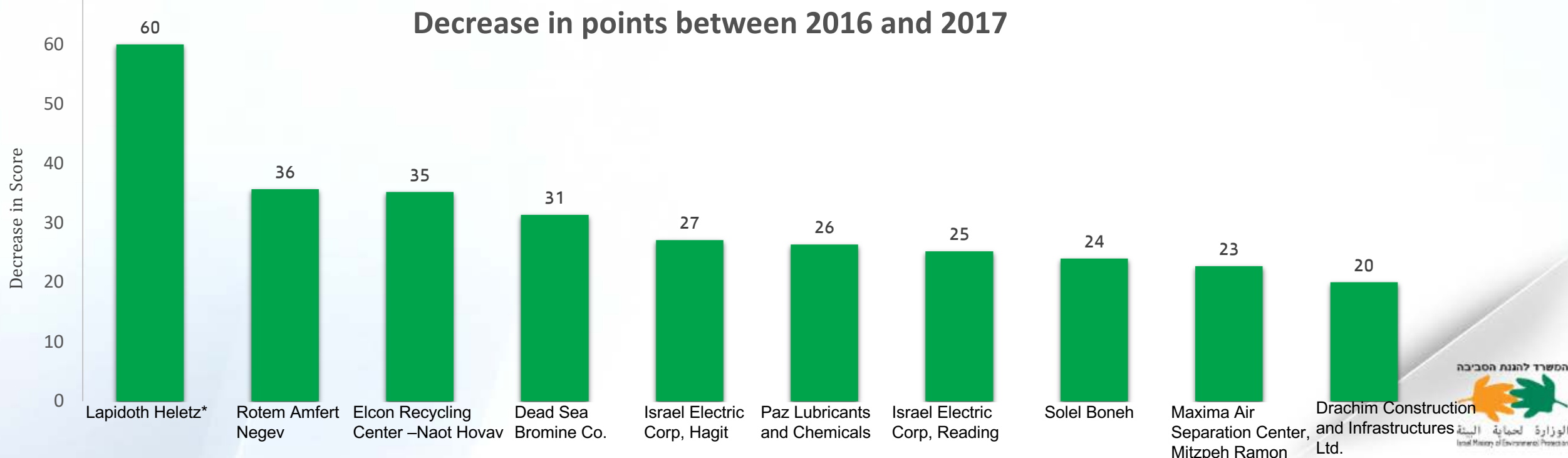
Factories Index: Composition of Scores for 10 Highest-Rated Factories



Factories Index: 10 Most Improved Companies (Decrease in score)

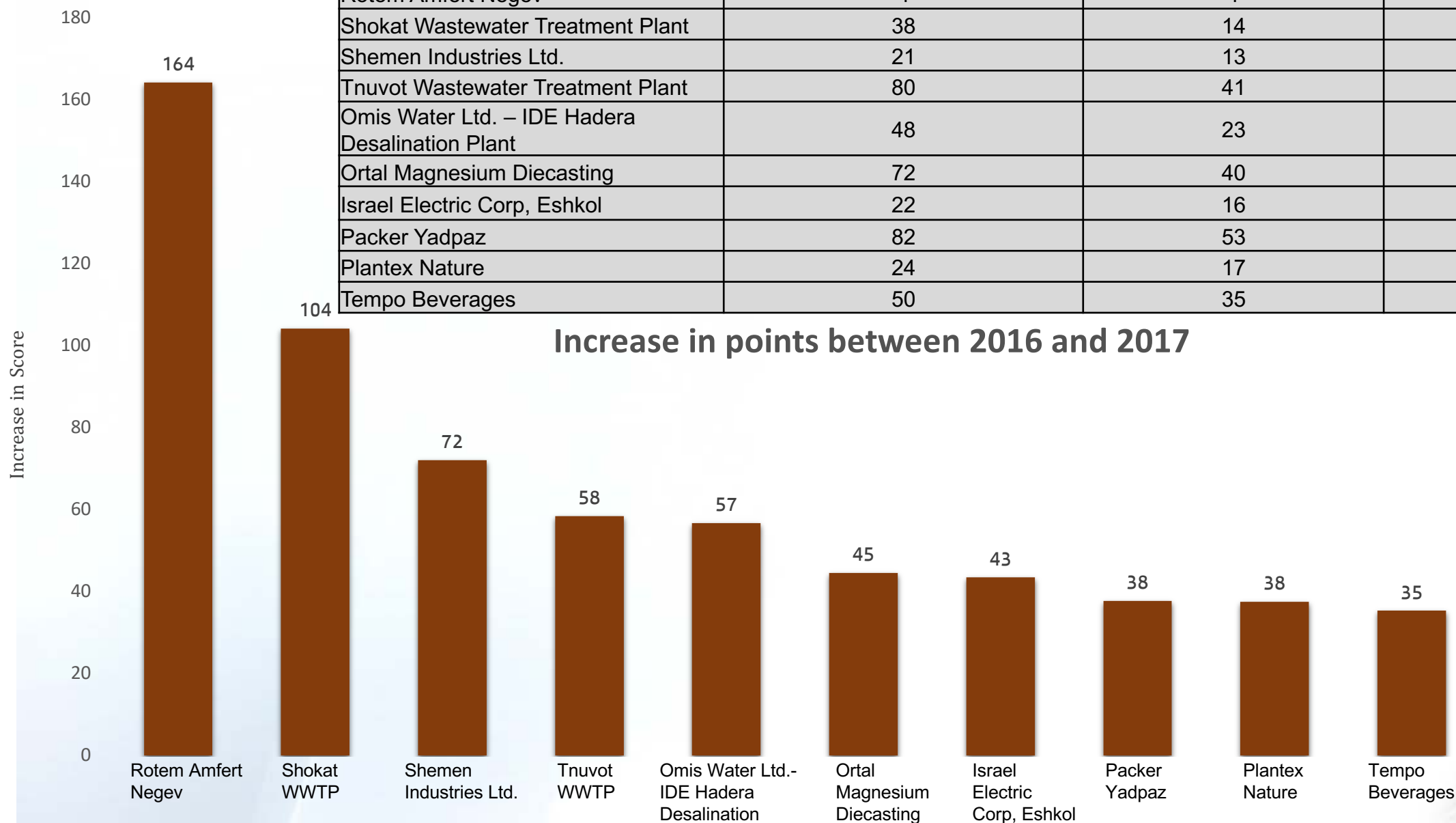
Company	Index Placement (2016)	Index Placement (2017)	Improvement, in Percentage Points
Lapidoth Heletz*	23	44	- 37%
Rotem Amfert Negev	34	48	- 28%
Elcon Recycling Center – Naot Hovav	18	32	- 21%
Dead Sea Bromine Co.	31	43	- 24%
Israel Electric Corp, Hagit	19	29	- 16%
Paz Lubricants and Chemicals	49	58	- 26%
Israel Electric Corp, Reading	17	25	- 15%
Solel Boneh	85	87	- 63%
Maxima Air Separation Center, Mitzpeh Ramon	67	73	- 33%
Drachim Construction and Infrastructures Ltd.	52	64	- 24%

*Decrease in score is a result of significant reduction in activities on the site



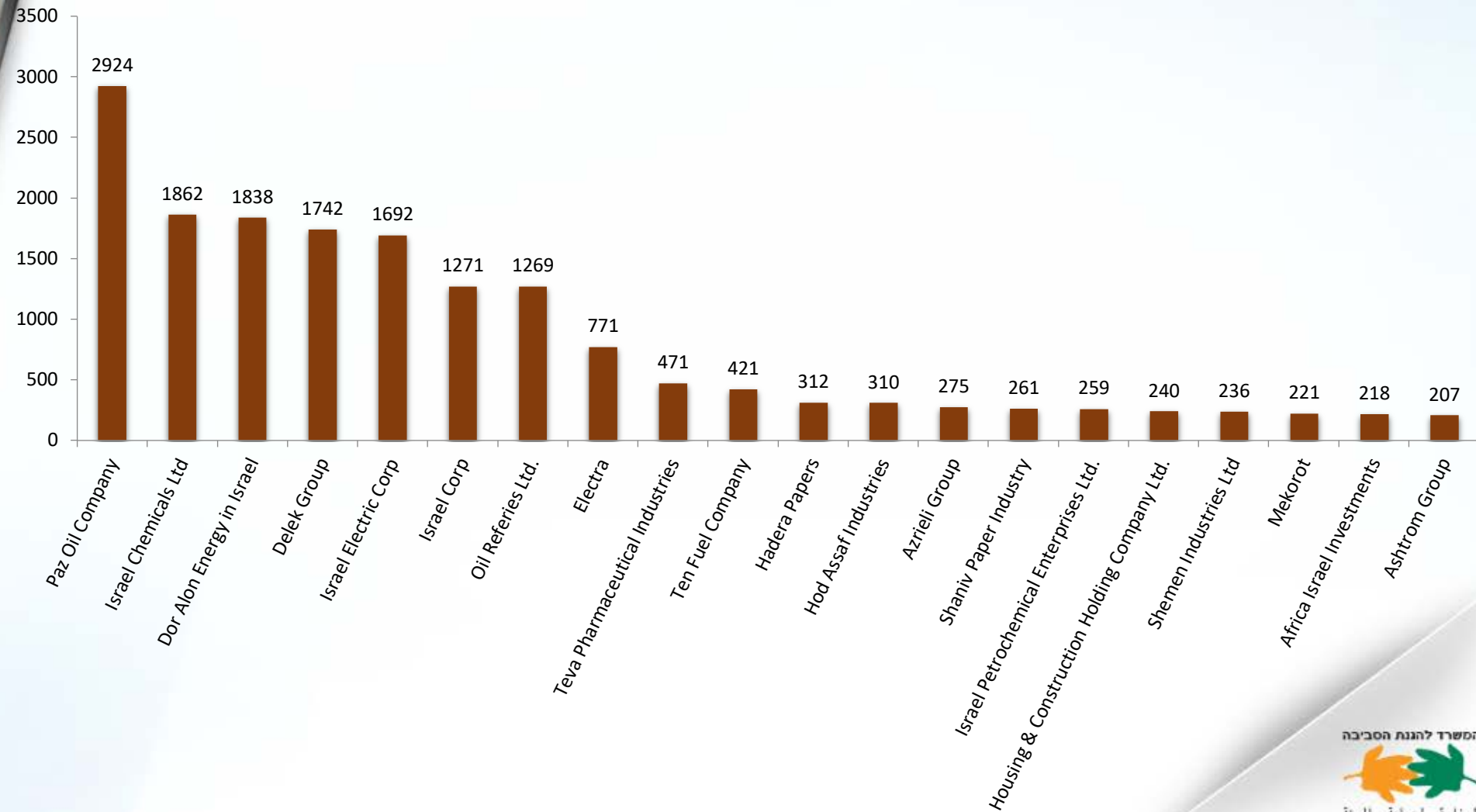
Factories Index: 10 Companies with Largest Point Increase

Company	Index Placement (2016)	Index Placement (2017)	Improvement, in Percentage Points
Rotem Amfert Negev	4	1	49%
Shokat Wastewater Treatment Plant	38	14	86%
Shemen Industries Ltd.	21	13	44%
Tnuvot Wastewater Treatment Plant	80	41	124%
Omis Water Ltd. – IDE Hadera Desalination Plant	48	23	56%
Ortal Magnesium Diecasting	72	40	72%
Israel Electric Corp, Eshkol	22	16	26%
Packer Yadpaz	82	53	88%
Plantex Nature	24	17	24%
Tempo Beverages	50	35	41%



Factory Index: 20 Companies with Highest Scores in 2017

Higher points = Higher Potential Environmental Risk



Environmental Impact Index – Fuel Company Ratings

Fuel companies are unique in that they own many gas stations. The index of gas stations takes into consideration the average of all the gas stations owned by the companies. The index is aimed at creating a tool to allow for comparisons between the fuel companies, regardless of how big the companies are or how many gas stations they own.

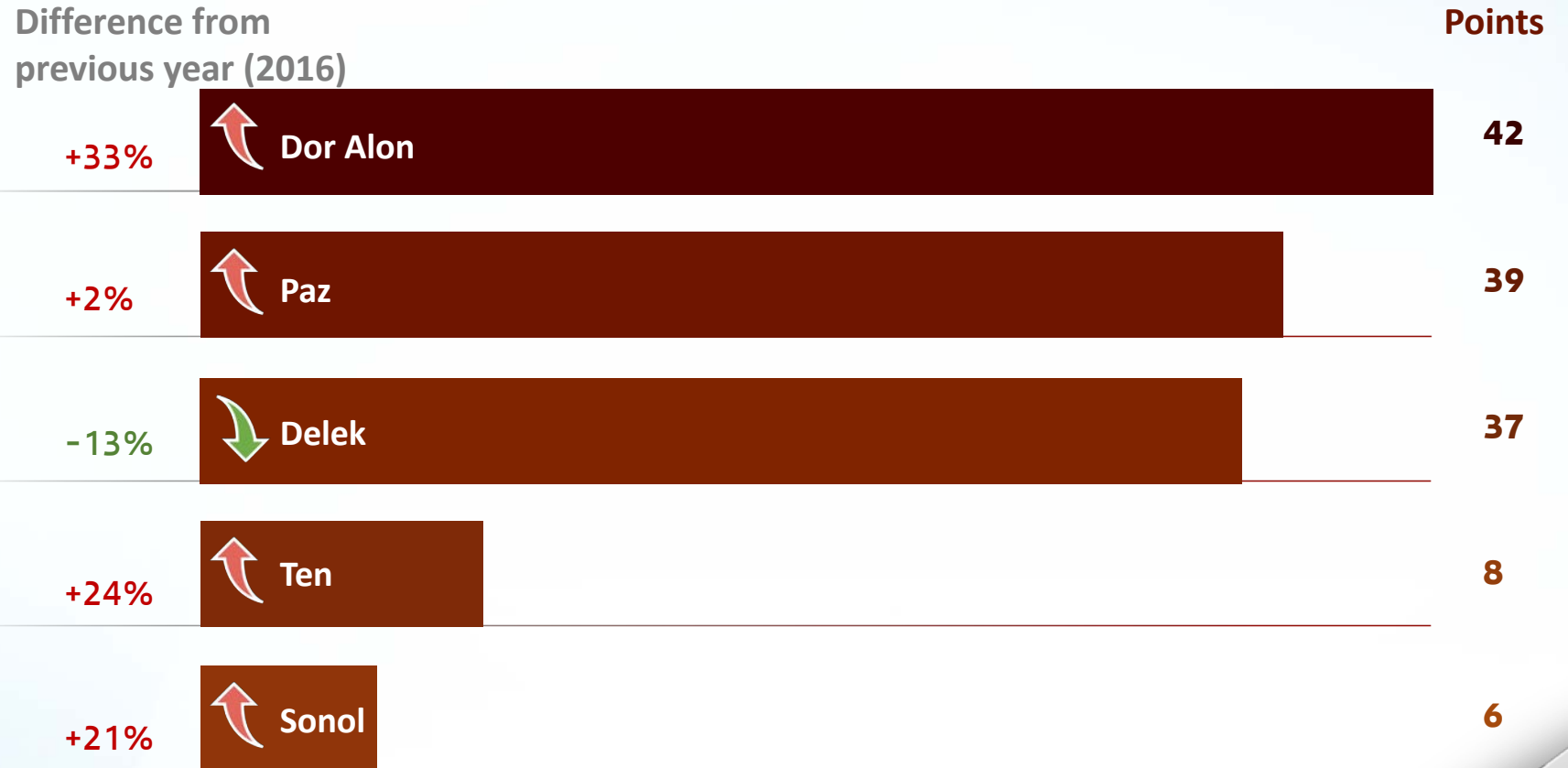
The fuel company index is made up of the following components:

- Negative points for violations of environmental laws, discovered during Ministry of Environmental Protection inspections
- Negative points for failure to install vapor recovery systems
- Positive points for environmental policy, such as use of an environmental management system and voluntary environmental reporting



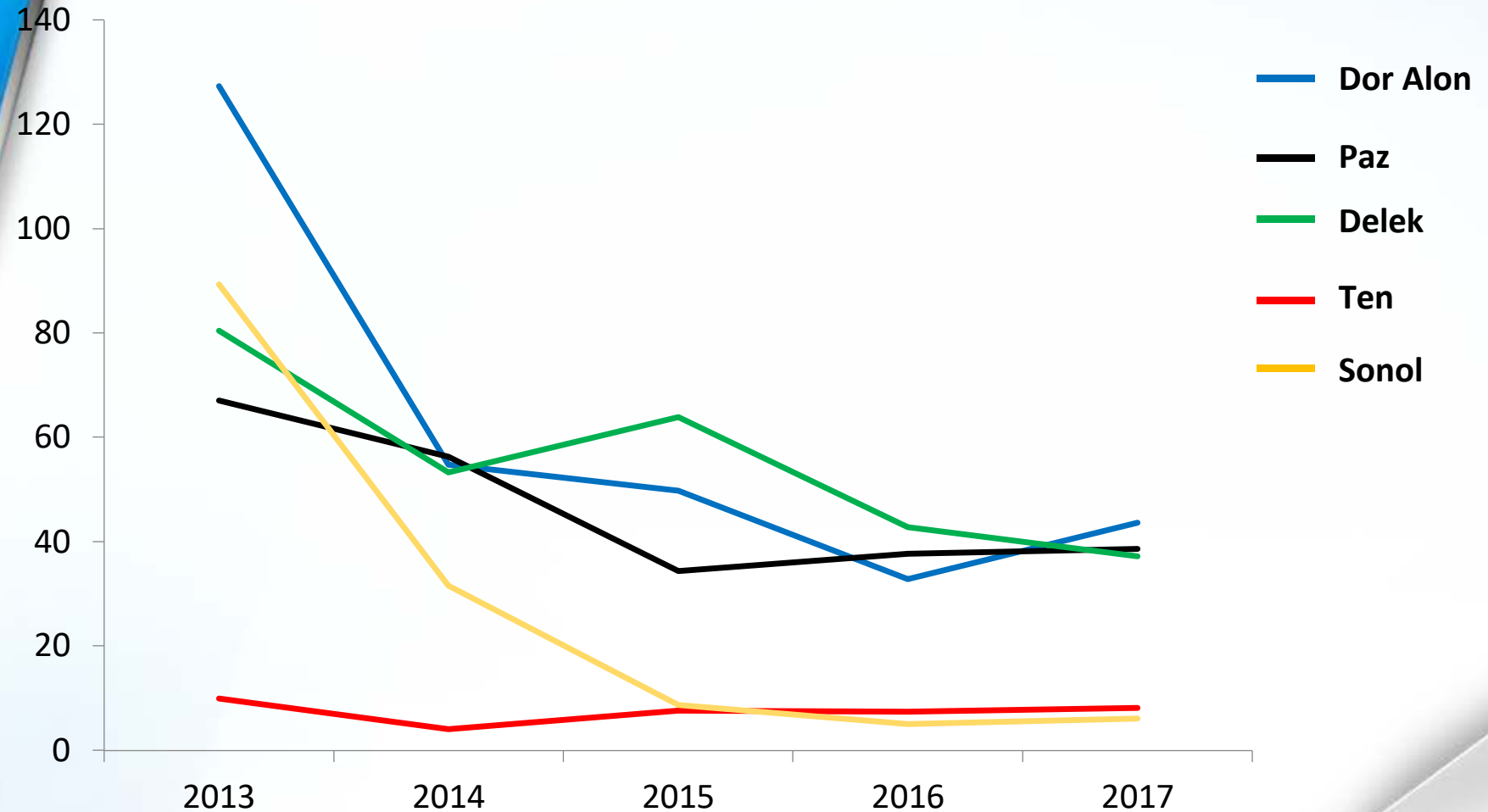
Average gas station index

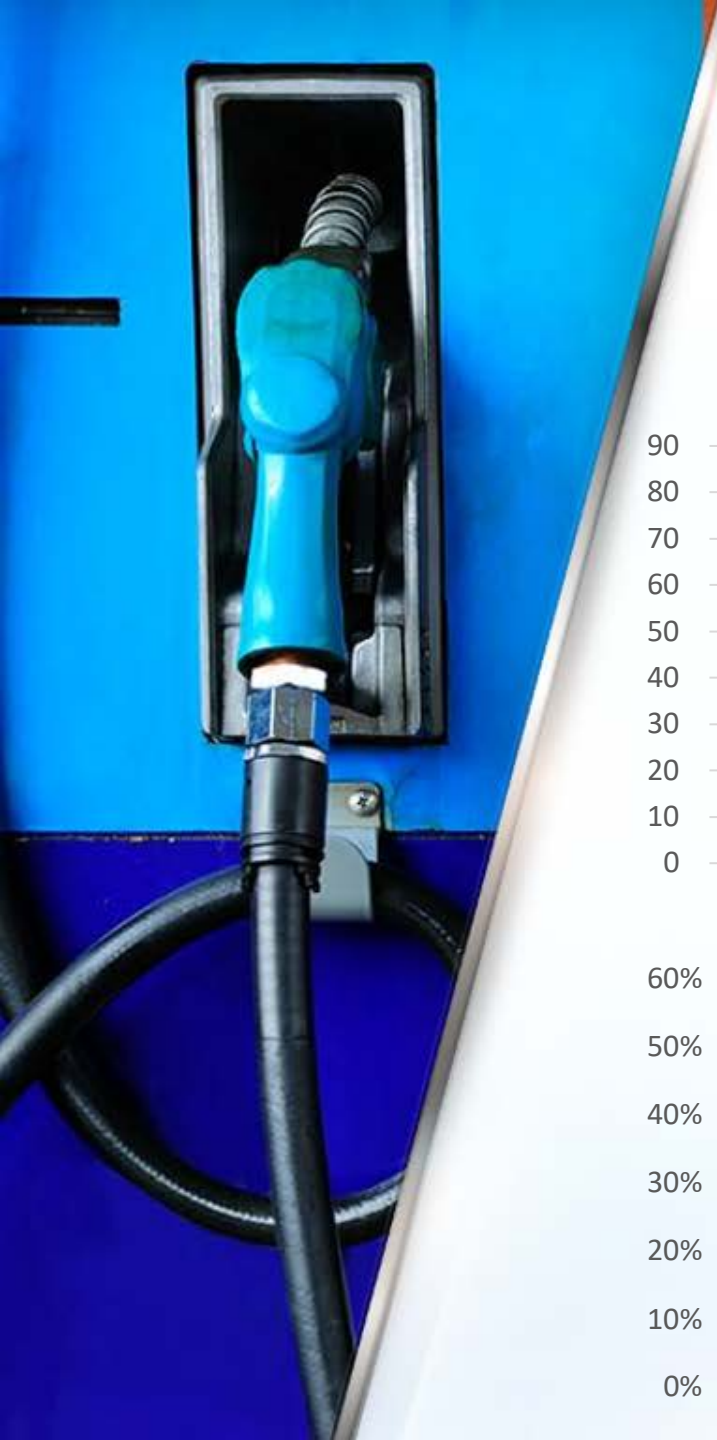
Sonol is the fuel company with the lowest negative environmental impact. Delek showed the most improvement since last year. Dor Alon's activities have the largest negative environmental impact.



Average gas station index, by Year

A long-term look shows fuel companies' ratings appear to have stabilized, after significant declines in previous years

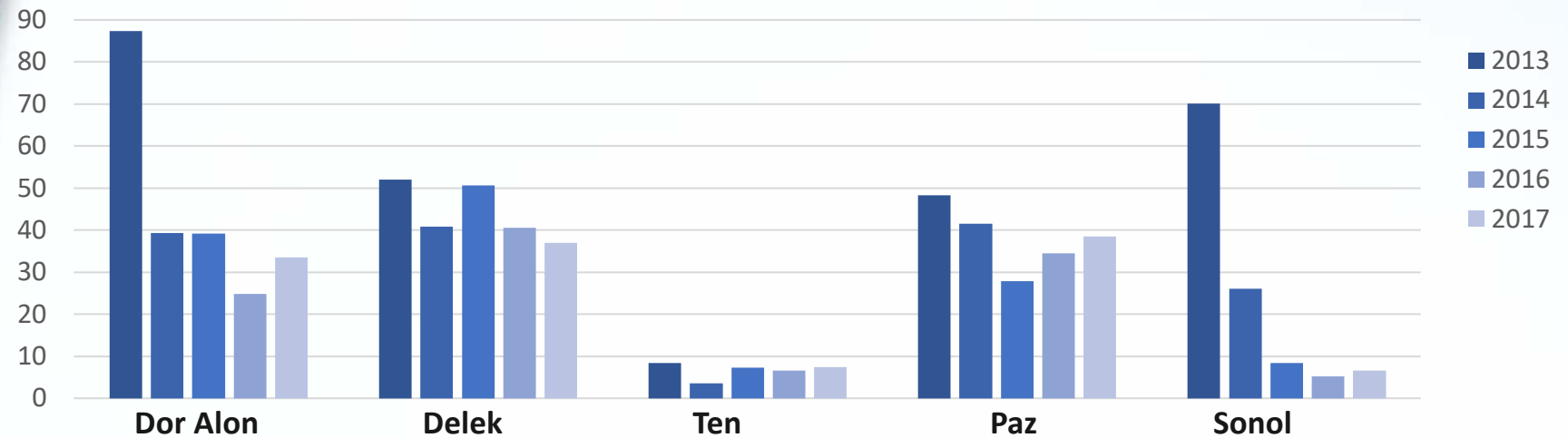




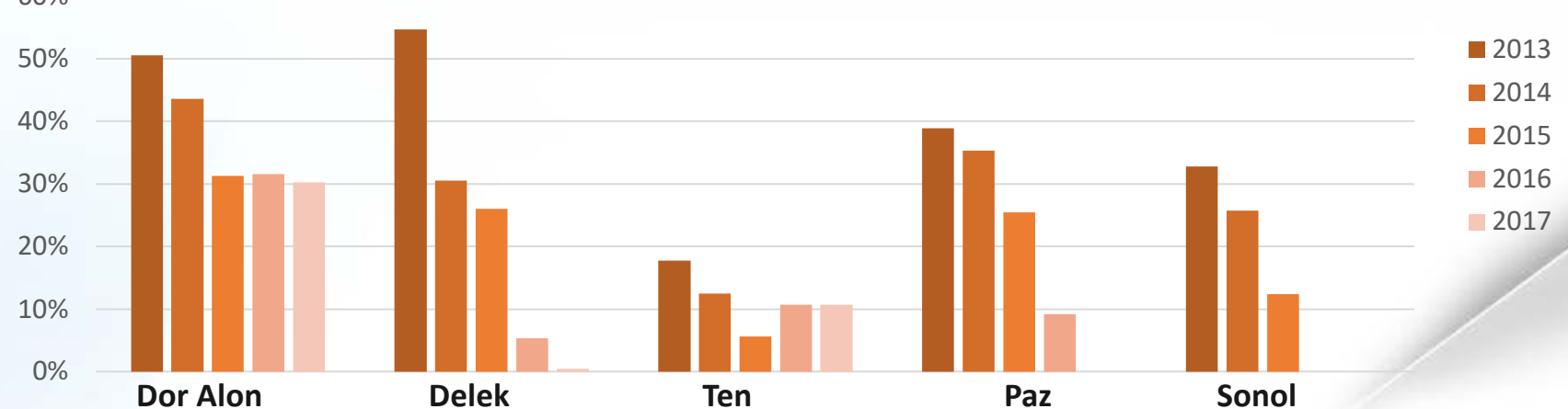
Gas Station Index: Explanation of the trend

While there has been a consistent improvement in installation by gas stations of Stage II vapor recovery systems, scores did not consistently decrease, due to other environmental violations by the gas companies.

Violations score of gas stations, on average, by company



Percentage of gas stations that haven't installed Stage II vapor recovery systems



Gas Station Index: Explanation of the trend

We can see that Dor Alon and Sonol consistently conduct environmental activities and submit voluntary environmental reports

Average positive score for fuel companies

