

United States

High value investments*

*(*manufacturing, R&D, energy, logistics)*

January 2016- April 2018



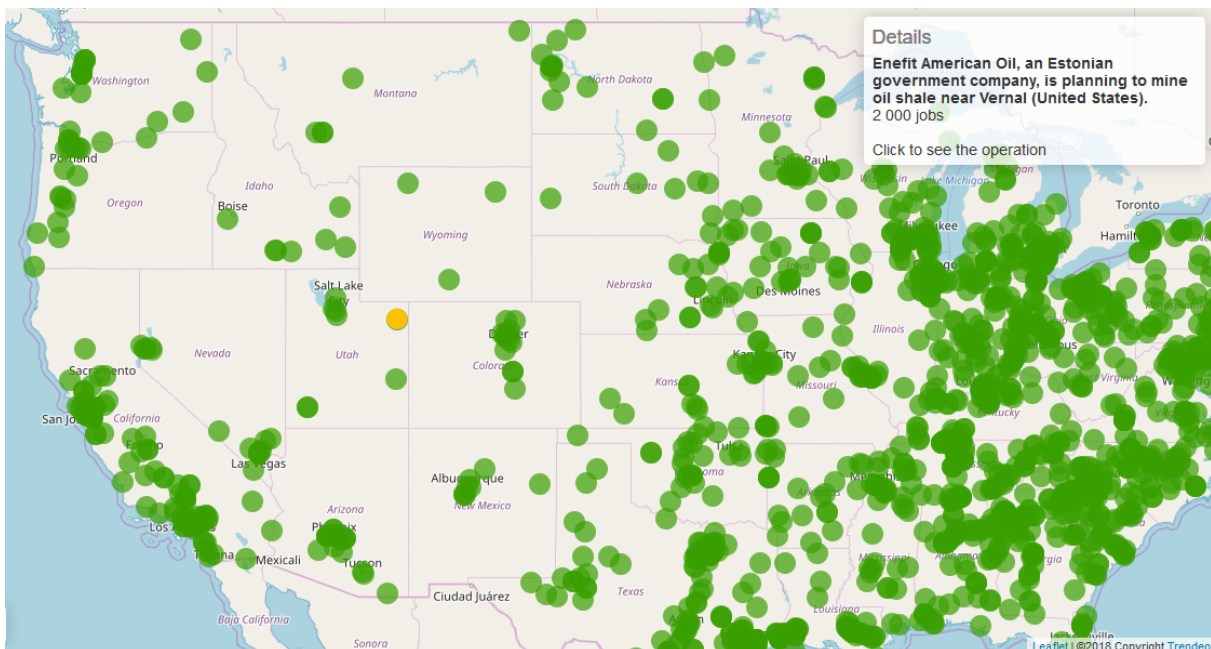
United States

January 2016 - May 2018

1 680 projects announced

483 billion dollars

309 987 jobs



The Industries & Strategies database tracks, since 2016, every industrial investment (manufacturing, energy, logistics, R&D) announced worldwide (over 30 MUSD or 50 jobs). Each information is classified by product, sector, company, country, even a qualitative score (Advanced factories score). Since January 2016, 8 789 investments have been tracked, among them 1 679 in the United States (19,1%). Since the database is updated weekly, our users benefit from a more detailed information, including canceled investments, advanced factories score details, capacity.

Investments: where and by whom?

In the database, each information is described precisely across 30 quantitative and qualitative fields. The tables below synthesize the available data. Geographically, Texas, California and Michigan receive 20% of the projects tracked, and more than 25% of amounts invested.

State	Projects	%	Jobs	%	M\$	%
Texas	168	10%	25 241	8%	101 946	21%
California	92	5%	15 080	5%	5 004	1%
Michigan	89	5%	18 842	6%	18 845	4%
Ohio	82	5%	11 906	4%	21 351	4%
South Carolina	76	5%	21 357	7%	33 202	7%
Indiana	73	4%	11 647	4%	8 906	2%
North Carolina	71	4%	10 480	3%	6 986	1%
Tennessee	69	4%	19 597	6%	12 367	3%
Alabama	67	4%	14 976	5%	10 178	2%
Georgia	61	4%	12 265	4%	26 804	6%
Pennsylvania	52	3%	6 141	2%	9 860	2%
Kentucky	49	3%	9 668	3%	9 319	2%
Virginia	49	3%	7 038	2%	4 755	1%
New York	49	3%	6 659	2%	8 349	2%
Florida	48	3%	8 345	3%	4 240	1%
Wisconsin	44	3%	7 260	2%	12 556	3%
Louisiana	42	3%	4 501	1%	90 137	19%
Illinois	39	2%	7 545	2%	3 583	1%
New Jersey	31	2%	9 811	3%	1 141	0%
Iowa	30	2%	3 582	1%	7 257	2%
Top 20 states	1 281	76%	231 941	75%	396 786	82%
Other states	399	24%	78 046	25%	86 414	18%
United States	1 680	100%	309 987	100%	483 200	100%

Investments by state, 2016-2018 announced in the United States, 2016-2018, tracked by Trendeo, by number of projects, jobs created and amounts invested.

Freeport (Texas), Huntsville (Alabama) and Spartanburg (South Carolina), top the list of destination cities by number of projects. Hackberry (Louisiana), Port Arthur (Texas), and Newberry (South Carolina), received the biggest amount of investments (almost to 20% of national amount for those three cities).

City	Projects
Freeport, TX	10
Huntsville, AL	9
Spartanburg, SC	8
Baytown, TX	7
Louisville, KY	7
Birmingham, AL	7
Chicago, IL	7
Port Arthur, TX	6
Houston, TX	6
Chattanooga, TN	6
Fort Worth, TX	6
Macon, GA	6
Pasadena, TX	6
La Porte, TX	6
San Antonio, TX	6
Detroit, MI	6
Cartersville, GA	6
Vance, AL	5
Garland, TX	5
Memphis, TN	5
Top 20 cities	130
Other cities	1 549
Total United States	1 679

City	M\$
Hackberry, LA	37 300
Port Arthur, TX	31 700
Newberry, SC	22 380
Ingleside, TX	19 800
Statesboro, GA	19 000
Freeport, TX	16 082
Donaldsonville, LA	11 500
Westlake, LA	11 100
Kenosha, WI	10 000
Cameron, LA	8 000
Meridian, MS	7 000
Chandler, AZ	7 000
Sparks, NV	6 114
State College, PA	6 000
Grand Isle, LA	6 000
Baytown, TX	5 900
Shadyside, OH	5 700
Grand Rapids, MI	5 034
Rawlins, WY	5 000
Port Lavaca, TX	5 000
Top 20 cities	245 610
Other cities	237 590
Total United States	483 200

Top cities by number of projects received and by investment amount received, 2016-2018 (in bold, cities that belong to the two lists).

Investment by country of origin

By country of origin, foreign direct investment almost make for 40% of projects and amount invested. Germany, Japan and China are the three first foreign investors by number of projects, but Taiwan takes the first place by amount invested (due to Foxconn and Formosa plastics announcements). Among countries with more than 30 investments in the United States during the period covered, Canada has the lowest average amount invested (M\$ 77), and Italy has the highest (M\$ 240, but it includes investments by Fiat-Chrysler, which have a domestic dimension).

Rank	Country of origin	Projects	%	Jobs	%	M\$	%	M\$/project
1	United States	1 051	62,6%	182 025	58,7%	310 615	64,3%	296
2	Taiwan	4	0,2%	4 847	1,6%	24 408	5,1%	6 102
3	Japan	88	5,2%	18 065	5,8%	18 770	3,9%	213
4	Germany	98	5,8%	18 143	5,9%	14 240	2,9%	145
5	China	60	3,6%	21 453	6,9%	13 901	2,9%	232
6	Netherlands	15	0,9%	2 459	0,8%	11 300	2,3%	753
7	South Africa	2	0,1%	1 000	0,3%	11 265	2,3%	5 633
8	Qatar	1	0,1%	3 800	1,2%	10 000	2,1%	10 000
9	India	35	2,1%	10 175	3,3%	9 541	2,0%	273
10	Italy	31	1,8%	5 882	1,9%	7 444	1,5%	240
11	Switzerland	41	2,4%	4 057	1,3%	7 414	1,5%	181
12	South Korea	21	1,3%	6 576	2,1%	6 237	1,3%	297
13	Norway	11	0,7%	320	0,1%	5 954	1,2%	541
14	Thailand	2	0,1%	216	0,1%	5 810	1,2%	2 905
15	Canada	52	3,1%	4 768	1,5%	3 986	0,8%	77
16	Austria	10	0,6%	2 789	0,9%	3 785	0,8%	379
17	France	31	1,8%	3 005	1,0%	2 910	0,6%	94
18	Pakistan	1	0,1%	185	0,1%	2 800	0,6%	2 800
19	Denmark	9	0,5%	1 736	0,6%	2 650	0,5%	294
20	Mexico	10	0,6%	1 783	0,6%	1 889	0,4%	189
Top 20 countries		1 573	93,7%	293 284	94,6%	474 919	98,3%	302
Other countries		106	6,3%	16 703	5,4%	8 281	1,7%	78
Total United States		1 679	100%	309 987	100%	483 200	100%	288

Country of origin of investments announced in the United States, 2016-2018, tracked by Trendeo, by number of projects, jobs created and amounts invested. Last column: average amount invested by project.

Investment by company

By company, the list of top industrial investors is a mix between the new economy (Amazon – in logistics- and Facebook – data centres - are in the top five investors by number of investments announced) and the more traditional sectors such as energy and the automotive industry. Between Facebook and Amazon, the nature of projects is not the same: Amazon invest mainly in warehouses, whereas Facebook invested mainly in data centres. It must also be said that Amazon tops the list of worldwide investors, by number of projects announced, with 117 investments¹.

Rank	Company	Projects	%	Jobs	%	M\$	%
1	Amazon	56	3,3%	59 400	19,2%	3 554	0,7%
2	Florida Power & Light	13	0,8%	30	0,0%	2 187	0,5%
3	General Motors	12	0,7%	1 441	0,5%	3 603	0,7%
4	Ford	10	0,6%	1 450	0,5%	4 600	1,0%
5	Facebook	9	0,5%	1 120	0,4%	4 300	0,9%
6	Dow Chemical	8	0,5%	100	0,0%	100	0,0%
7	Praxair	7	0,4%	0	0,0%	759	0,2%
8	NextEra Energy Resources	6	0,4%	7	0,0%	2 550	0,5%
9	Pfizer	6	0,4%	585	0,2%	1 102	0,2%
10	CyrusOne	6	0,4%	9	0,0%	200	0,0%
11	Cargill	6	0,4%	97	0,0%	177	0,0%
12	Dominion Energy	6	0,4%	0	0,0%	0	0,0%
13	Corning	5	0,3%	776	0,3%	322	0,1%
14	Topre America	5	0,3%	476	0,2%	267	0,1%
15	Generac Power Systems	5	0,3%	325	0,1%	60	0,0%
16	BASF Corporation	5	0,3%	10	0,0%	40	0,0%
17	FuelCell Energy	5	0,3%	0	0,0%	0	0,0%
18	ExxonMobil	4	0,2%	16	0,0%	4 000	0,8%
19	LyondellBasell	4	0,2%	175	0,1%	2 400	0,5%
20	Fiat Chrysler Automobiles	4	0,2%	3 500	1,1%	2 125	0,4%
21	Georgia-Pacific	4	0,2%	215	0,1%	1 073	0,2%
22	GE Aviation	4	0,2%	431	0,1%	515	0,1%
23	Lidl Stiftung	4	0,2%	700	0,2%	450	0,1%
24	Tyson Foods	4	0,2%	2 150	0,7%	407	0,1%
25	FedEx Ground	4	0,2%	655	0,2%	397	0,1%
26	Shaw Industries Group	4	0,2%	575	0,2%	335	0,1%
27	Targa Resources	4	0,2%	0	0,0%	170	0,0%
28	Dollar General	4	0,2%	1 910	0,6%	160	0,0%
29	Serta Simmons Bedding	4	0,2%	0	0,0%	101	0,0%
30	BSH Home Appliances	4	0,2%	512	0,2%	101	0,0%
Top 30 companies		222	13,2%	76 665	24,7%	36 055	7,5%
1 248 other companies		1 457	87%	233 322	75%	447 145	93%
Total United States		1 679	100%	309 987	100%	483 200	100%

Investments announced in the United States, 2016-2018, tracked by Trendeo, by number of projects, jobs created and amounts, by investing company.

¹ Amount invested has been found in 15 out of 56 projects announced. A rough estimation based on type of investment and number of jobs created could raise the total amount of Amazon investment closer to 7 billion dollars.

Sectors and activities

The database characterizes the main type of activity for each project. The data shows that *manufacturing* is less than half of amounts invested, *mining and quarrying* is roughly a quarter and *power generation* a fifth. *R&D* is less than 1% of amounts invested, but the column “*difference with world*” shows it is only very slightly lower than the average share of R&D investments at the global level. *Power generation* is a markedly lower share of investment in the United States than world average, and, on the other hand, *data centres* are a higher share of investments in the United States than world average (A detailed table comparing share of each sector in the United States and at global level is included in the appendix.) In the last column, *amount invested by project*, it appears that the average *mining and quarrying* project (2,3 billion dollars) is 8 times higher than the average investment (M\$ 288).

Production type	Projects	%	Jobs	%	M\$	%	Diff. with world	M\$/project
Manufacturing	1 017	60,6%	192 772	62,2%	212 841	44,0%	1,5%	209
Mining and quarrying	53	3,2%	7 677	2,5%	122 618	25,4%	0,8%	2 314
Power generation and/or distribution	163	9,7%	6 026	1,9%	96 132	19,9%	-6,9%	590
Logistic platform	208	12,4%	85 315	27,5%	22 270	4,6%	1,1%	107
Data centre	65	3,9%	3 088	1,0%	18 953	3,9%	3,2%	292
R&D	92	5,5%	13 022	4,2%	4 164	0,9%	-0,1%	45
Water treatment plant	50	3,0%	2	0,0%	3 533	0,7%	0,3%	71
Waste treatment plant	23	1,4%	1 557	0,5%	2 400	0,5%	0,3%	104
Agriculture, forestry and fishing	8	0,5%	528	0,2%	289	0,1%	-0,1%	36
Sum	1 679	100%	309 987	100%	483 200	100%		288

Investments announced in the United States, 2016-2018, tracked by Trendeo, by number of projects, jobs created and amounts, by type of activity.

On a more detailed level, five sectors make three quarters of the amounts invested: *support mining activities* (mainly midstream activities related to gas liquefaction), *electricity, gas and steam* (with almost three equal thirds between nuclear, fossil fuels and renewables), *chemicals, automotive and electronics* (within *electronics*, roughly one half of investments goes to *components*, and a quarter goes to *display components*).

Industrial sector	Projects	%	Jobs	%	M\$	%	M\$/project
Support mining	22	1,3%	4 950	1,6%	107 450	22,2%	4 884
Electricity, gas and steam	155	9,2%	6 007	1,9%	96 755	20,0%	624
Chemicals	184	11,0%	13 404	4,3%	94 398	19,5%	513
Automotive	167	9,9%	51 733	16,7%	28 786	6,0%	172
Electronics	35	2,1%	13 286	4,3%	25 905	5,4%	740
Information services	58	3,5%	2 910	0,9%	16 196	3,4%	279
Oil/gas mining	21	1,3%	2 000	0,6%	14 913	3,1%	710
Basic metals	42	2,5%	5 718	1,8%	9 824	2,0%	234
Food	144	8,6%	22 504	7,3%	8 125	1,7%	56
Water transport	1	0,1%	300	0,1%	8 000	1,7%	8 000
Electrical equipment	43	2,6%	22 685	7,3%	7 868	1,6%	183
Paper and cardboard	30	1,8%	4 238	1,4%	7 574	1,6%	252
Plastic and rubber	70	4,2%	14 179	4,6%	7 536	1,6%	108
Pharmaceutical	100	6,0%	10 908	3,5%	7 491	1,6%	75
Retail trade	93	5,5%	72 963	23,5%	5 783	1,2%	62
Airplanes	36	2,1%	8 941	2,9%	5 700	1,2%	158
Non-metallic minerals	33	2,0%	4 064	1,3%	4 921	1,0%	149
Postal and courier activities	11	0,7%	2 205	0,7%	3 806	0,8%	346
Wood	42	2,5%	3 724	1,2%	3 694	0,8%	88
Fabricated metals	62	3,7%	7 425	2,4%	3 039	0,6%	49
Top 20 sectors	1 349	80,3%	274 144	88,4%	467 764	96,8%	347
39 other sectors	330	19,7%	35 843	11,6%	15 436	3,2%	47
Total United States	1 679	100%	309 987	100%	483 200	100%	288

Investments by sector, 2016-2018, in number of projects, jobs and amount invested. Last column: average amount invested by project.

Renewables and fossil fuels: The detail of operations show that renewables make two thirds of the number of investments in the energy sector (100 out of 155 projects). By amount invested, renewable projects represent an average amount of M\$ 237, whereas fossil fuel projects average three times that amount (M\$ 733 per project).

Top projects

The following table lists the biggest ten investments announced since January 2016. Energy and electronics are the only sectors included. Those ten projects (among more than 1600 projects), represent 17% of the total amount invested.

Description	M\$	Year
South Africa's Sasol is investing 11,1 bn USD to set up a new ethane cracker, 2 new polyethylene plants, and 4 other specialty chemicals plants near Westlake, Louisiana (United States), which would create 1 000 jobs.	11 100	2017
Taiwan's Foxconn is planning to invest 10 bn USD to set up a new LCD panels plant near Kenosha (United States), which would create at least 3 000 jobs.	10 000	2017
Golden Pass LNG, a subsidiary of Qatar Petroleum, plans to invest 10 billion dollars in a new natural gas liquefaction terminal for export in Sabine Pass (USA).	10 000	2016
Taiwan's Formosa Plastics Group plans to invest 9.4 billion dollars in a large petrochemical complex, which includes 2 crackers ethane, which is expected to create 1200 jobs in St James near Donaldsonville(USA).	9 400	2016
SCT & E LNG plans to invest 9.3 billion dollars in a new natural gas liquefaction terminal in Hackberry (USA), capable of producing 10,9 million tonnes of LNG per year.	9 300	2016
Indian-U.S. company Delfin LNG is planning to invest around 8 bn USD to set up a new port terminal for floating LNG vessels off the coast of Cameron, Louisiana (United States).	8 000	2017
Tellurian Investments newly created plans to build a liquefied natural gas (LNG) average sized along the river Calcasieu (United States), with an investment of between 6 and 8 billion USD.	7 000	2016
Intel plans to invest 7 bn USD in a new advanced semiconductor plant ("Fab 42") at Chandler (United States), which would create 3 000 jobs.	7 000	2017
The Anglo-Dutch company Royal Dutch Shell is investing around 6 bn USD in a new, huge ethane cracker complex at Potter Township (United States), which would create 600 new jobs.	6 000	2016
U.S. companies Hess Corporation and Chevron with Norway's Statoil and China's CNOOC are investing around 6 bn USD to develop a new crude oil field ("Stampede") off the coast of Grand Isle (United States).	6 000	2017

Our advanced factories score aggregates six components defined with our partners²:

- **Flexibility:** the ability to switch from a product to another, enabling made-to-order manufacturing,
- **Digitalization:** the introduction of technologies such as IoT, robotics, automation,
- **Energy efficiency:** every measure taken to lower energy consumption compared with usual norms,
- **Social efforts:** measures undertaken for operations, through working conditions, health and safety concern, training, education and wages...
- **Territorial efforts:** decisions aiming at improving the relations between a production site and local communities and stakeholders, such as favoring local suppliers, funding schools, contributing to local social projects...
- **Environmental efforts:** reducing carbon footprint and pollution, water preservation...

Each criterion is ranked 0 (no mention in the news describing the investment), 1 (some measures described) or 2 (quantitative objectives defined for the criterion considered or insistence on it). Adding those 0-2 scores over six criteria gives a total Industry of the Future score which varies from 0 to 12.

² Fives, EDF (Electricité de France) and the Institut de la réindustrialisation.

There are, listed in the following table, the ten projects with a score of 8 or more. The average score in the United States is 1,21, higher than the average global score (1,01).

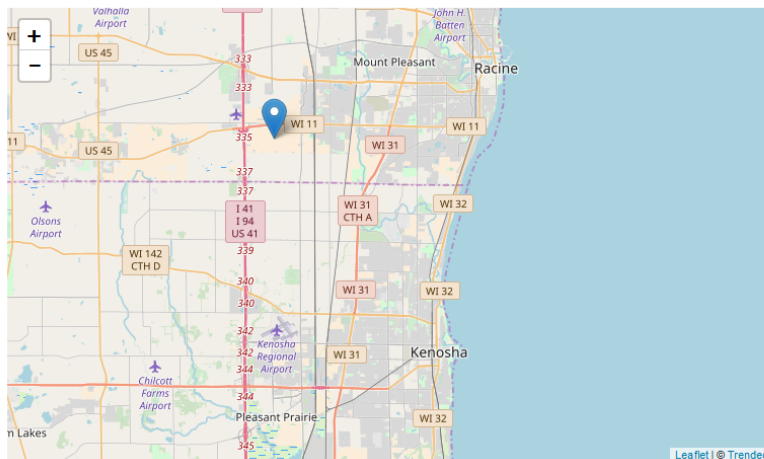
Project description	Jobs	M\$	Efficiency	Flexibility	Digitization	Social Efforts	Environmental Efforts	Territorial Efforts	Overall Score
Moon Ridge Foods is investing 54 MUSD in a new pork processing plant at Pleasant Hope (United States), creating 160 new jobs.	160	54	2	2	2	2	2	2	12
Switzerland's Advanced Power plans to invest 1,1 bn USD in a new 1 150 MW natural gas-fired combined cycle power plant in Wellsville (United States).	30	1 100	2	2	1	1	2	2	10
Caithness Energy , along with partner Moxie Energy and other U.S. partners, is investing around 800 MUSD in a new 1 029 MW natural gas fired power plant ("Caithness Moxie Freedom Generating Station") near Wilkes-Barre (United States).	20	800	2	2	1	1	2	2	10
Tesla , along with Japanese partner Panasonic , is investing more than 5,1 bn USD in a huge, new lithium-ion battery cell and battery pack facility near Sparks (United States).	10 000	5 114	2	1	2	1	1	2	9
Hospital and research institute Seattle Children's is investing more than 300 MUSD to set up new immunotherapy R&D facilities ("Building Cure") at its research campus in Seattle, Washington (United States).	-	300	1	2	2	1	1	2	9
Mexico's largest pasta manufacturer Grupo La Moderna has invested 50 MUSD to set up a new, high-tech plant in Cleburne, Texas (United States).	100	50	1	2	2	1	2	-	8
Paint and coatings manufacturer Sherwin-Williams has invested 39 MUSD to set up a new distribution centre in Waco, Texas (United States).	62	39	2	1	2	2	1	-	8
J.R. Simplot and Caviness Beef Packers are investing 130 MUSD in a new cow processing facility outside Kuna (United States) so as to produce cowhide, beef and other products, which would lead to creation of 700 jobs.	700	130	1	2	1	1	2	1	8
Japan's JX Nippon Oil and Gas Exploration with U.S. partner NRG Energy are investing more than 1 bn USD in retrofitting NRG Energy's coal-fired power plant with a new carbon capture system, the world's largest post-combustion carbon capture system, at Thompsons (United States).	15	1 040	2	2	2	-	2	-	8
GE Power is investing 400 MUSD in a new research centre, its first "Advanced Manufacturing Works" facility, to develop advanced manufacturing technology for the company's energy businesses, at Greenville (United States), which would create 80 new jobs.	80	400	2	-	2	-	2	2	8
General Motors is investing 729 MUSD to upgrade its Bowling Green (United States) sports car plant, including setting up a new paint shop.	270	729	2	2	2	-	2	-	8
Columbia Pulp is investing 184 MUSD to set up a new waste straw-to-pulp plant at Starbuck, near Dayton, Washington (United States).	87	184	2	-	1	1	2	2	8

Each operation is described on a dedicated page in the database:

Taiwan's Foxconn is planning to invest 10 bn USD to set up a new LCD panels plant near Kenosha (United States), which would create at least 3 000 jobs.

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<p>Company Name : Foxconn</p> <p>Date of announcement : 2017-07-26</p> <p>Product : Display component</p> <p>Type of product : LCD screen</p> <p>Description of the proj... : The plant will produce flat-panel display screens for televisions and other consumer electronics. The LCD panels will at first be produced for subsidiary Sharp. The company is one of the biggest manufacturers of Apple products such as iPhones. It is however unclear if Apple is involved in this project. The exact location has not been announced yet, but it should be somewhere near Kenosha, in Governor Mr. Ryan's district in southeastern Wisconsin. The plant could create 10 000 construction jobs during its 4-year construction period; the project would create 22 000 direct and indirect jobs. In return for the 10 bn USD investment, the company is expected to receive 3 bn USD worth of incentives from the State of Wisconsin during 15 years. The incentives package is yet to be approved. Older industrial firms in the state, like Harley-Davidson in Milwaukee, have struggled recently, with the motorcycle maker saying last week that it planned to lay off 180 workers.</p> <p>Foxconn has promised to invest in the United States before, most notably a \$30 million, 500-worker plant in Pennsylvania that was never built. "The company is notorious for bad working conditions and low wages. At times, the company's workplace demands have resulted in worker riots and suicides", as said the source". (negative impact).</p>	<h3>The operation</h3> <p>Number of jobs : 3 000 Amount of investment : 10 000 (MUSD) Type of operation : Planned project Beginning of construction : Beginning of commercial operation : Land area (hectares) : 405 Building area (m2) : 1858060</p> <h3>Company</h3> <p>Parent company : Foxconn Type of company : Large enterprise Country : Taiwan Website : www.foxconn.com/ ISIN code : TW0002354008</p> <h3>Industrial sector</h3> <p>Type of production : Manufacturing Industrial sector : Electronics ISIC : C2610 Manufacture of electronic components and boards Finished good : No End market : Consumer goods</p> <h3>Geographic details</h3> <p>City : Kenosha Region Wisconsin Country United States</p> <h3>Related companies</h3> <p>Customers : Sharp Corporation</p>
<p>Factories of the future'... : 3</p> <p>Factories of the Future... : The average salary for the state-of-the-art plant's workers will be USD 53 000 a year plus benefits. The plant could eventually employ up to 13 000 workers.</p> <p>Digitalisation and num... : 1</p> <p>Social efforts : 2</p> <p>Link : thehill.com/policy/.../343931-t[...]new-wisconsin-plant</p> <p>In addition : wccftch.com/foxconn-announced-big-us-plant/ www.reuters.com/article/us-apple-fo[...]consin-idUSKBN1AB258 host.madison.com/wsj/.../article_274[...]4f-42064c944c82.html www.nytimes.com/2017/.../foxconn-factory-wisconsin-jobs.html money.cnn.com/2017/.../index.html</p> <p>Tags : Add a tag</p>	<div style="background-color: #ffff00; width: 100%; height: 40px; margin-top: 10px;"></div>



Appendix

The following table gives the share of the United States in each sector and compares it with the average share of the United States in the global investment. For instance, the United States make 23,1% of the global investment in the *chemicals* sector. It is 10,1% over the average share of the United States in global investment. It seems, with two years of data, that chemicals are a strong sector in the United States. Other strong sectors are support *mining activities*, *electrical equipment*, *information services* (data centres mainly), *airplanes*, *water transport and supply*, *wood industries*, *retail trade*. Sectors where the United States are under-represented are *forestry*, *coal mining* and other *mining industries*, *warehousing*, *electronics* and *electricity, gas and steam*.

Sector	World M\$	US share	US Perf.
Electricity, gas and steam	982 470	9,8%	-3,1%
Oil/gas mining	461 053	3,2%	-9,7%
Chemicals	409 176	23,1%	10,1%
Electronic	369 316	7,0%	-6,0%
Support mining	327 955	32,8%	19,8%
Oil/gas refining and coke	306 382	0,3%	-12,6%
Automotive	148 305	19,4%	6,4%
Basic metals	141 331	7,0%	-6,0%
Warehousing	85 936	1,6%	-11,4%
Non-metallic minerals	59 921	8,2%	-4,8%
Metal ore mining	47 714	0,8%	-12,2%
Food	38 434	21,1%	8,2%
Paper and cardboard	37 950	20,0%	7,0%
Other mining	33 684	1,5%	-11,5%
Pharmaceutical	33 270	22,5%	9,6%
Plastic and rubber	32 058	23,5%	10,5%
Coal mining	29 941	0,2%	-12,7%
Electrical equipment	25 939	30,3%	17,4%
Information services	21 058	76,9%	63,9%
Waste and materials recovery	15 164	8,4%	-4,6%
Airplanes	12 007	47,5%	34,5%
Beverage	10 636	7,4%	-5,6%
Water supply	9 288	32,1%	19,2%
Water transport	8 726	91,7%	78,7%
Wood	8 328	44,4%	31,4%
Retail trade	7 992	72,4%	59,4%
Machinery	6 914	9,4%	-3,6%
Fabricated metals	6 424	47,3%	34,3%
Textile	5 614	20,5%	7,6%
Forestry	4 677	0,0%	-13,0%
Other sectors	39 229	23%	10,2%
All sectors	3 726 892 M\$	13%	

Share of US investment in world investment, by sector, 2016-2018, and difference with the average US share in global industrial investment

The next table shows the detail by product and type of products for the *electronics* sector.

	Projects	%	Jobs	%	M\$	%
Display component	2	5,7%	3 420	25,7%	11 300	43,6%
LCD screen	1	2,9%	3 000	22,6%	10 000	38,6%
Electroluminescent diode (LED)	1	2,9%	420	3,2%	1 300	5,0%
Basic component for electronics	5	14,3%	5 610	42,2%	10 132	39,1%
Silicon chip (semiconductor)	3	8,6%	5 000	37,6%	10 000	38,6%
VCSEL array	1	2,9%	500	3,8%	100	0,4%
Electronic tag and sensor	1	2,9%	110	0,8%	32	0,1%
Data centre	2	5,7%	150	1,1%	2 375	9,2%
Cloud hosting	2	5,7%	150	1,1%	2 375	9,2%
Design & Innovation	2	5,7%	200	1,5%	1 004	3,9%
R&D in IoT (Internet of Things) for electronics	1	2,9%	200	1,5%	934	3,6%
R&D for electromedical equipment	1	2,9%	0	0,0%	70	0,3%
Solar panel	5	14,3%	850	6,4%	628	2,4%
Photovoltaic Module	3	8,6%	500	3,8%	577	2,2%
ND	1	2,9%	200	1,5%	51	0,2%
Photovoltaic panel and module	1	2,9%	150	1,1%	0	0,0%
Electronic testing equipment	2	5,7%	820	6,2%	240	0,9%
Electronic equipment for managing energy consumption	1	2,9%	470	3,5%	150	0,6%
Factory automation system	1	2,9%	350	2,6%	90	0,3%
Electronic device for vehicle	2	5,7%	918	6,9%	58	0,2%
Smart rearview mirror	1	2,9%	900	6,8%	58	0,2%
ND	1	2,9%	18	0,1%	0	0,0%
Electromedical equipment	1	2,9%	100	0,8%	40	0,2%
MRI component	1	2,9%	100	0,8%	40	0,2%
Wireless communications equipment	1	2,9%	288	2,2%	34	0,1%
Electronic instrument for measuring	4	11,4%	110	0,8%	33	0,1%
ND	3	8,6%	110	0,8%	33	0,1%
Fuel flow meter for aircraft	1	2,9%	0	0,0%	0	0,0%
Irradiation apparatus	1	2,9%	185	1,4%	30	0,1%
X-ray equipment for food processing	1	2,9%	185	1,4%	30	0,1%
Peripheral device	1	2,9%	0	0,0%	18	0,1%
Computer server	1	2,9%	0	0,0%	18	0,1%
Instrument for laboratory	1	2,9%	50	0,4%	9	0,0%
Spectrophotometer	1	2,9%	50	0,4%	9	0,0%
Warehousing and storage	1	2,9%	0	0,0%	4	0,0%
Warehousing for electronic articles	1	2,9%	0	0,0%	4	0,0%
Electronic connector	1	2,9%	125	0,9%	0	0,0%
Renewable energy power plant	2	5,7%	0	0,0%	0	0,0%
Solar power	2	5,7%	0	0,0%	0	0,0%
Printer - fax	1	2,9%	400	3,0%	0	0,0%
Inkjet printing	1	2,9%	400	3,0%	0	0,0%
Electronic navigation equipment	1	2,9%	60	0,5%	0	0,0%
Sum	35	100%	13 286	100%	25 905	100%

Repatriation of the investment by product within the electronics sector, 2016-2018

Contact

This document is a short synthesis of the data available in the Industries & Strategies database about investments in the United States. You can learn much more about this database by contacting:

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