

Draft "Green" Industries Sorted by NAICS

Industry Titles Cited in Green Reports	NAICS Titles	NAICS	Context Notes	Recommendation Notes	Green Code
Agriculture	Agriculture, Forestry, Fishing and Hunting	11			
Agriculture, Forestry, and Fisheries	Agriculture, Forestry, Fishing and Hunting	11			
Crop Production	Crop Production	111			
Aquaculture	Aquaculture	11251			
Apiculture	Bee Production	112910			
Forestry	Forestry and Logging	113			
Forestry and Logging	Forestry and Logging	113			
Timber Tract Operations	Timber Tract Operations	113110			
Forest Nursery/Gathering Forest Products	Forest Nursery/Gathering Forest Products	113210			
Logging	Logging	113310			
Fishing and Hunting	Fishing, Hunting and Trapping	114			
Mining	Mining, Quarrying, and Oil and Gas Extraction	21			
Mining and Oil and Gas Extraction	Mining, Quarrying, and Oil and Gas Extraction	21			
Energy-Intensive Industries	Mining, Quarrying, and Oil and Gas Extraction	21	Cited as energy efficiency locations to improve high GHG emissions.	Many others	
Oil	Crude Petroleum and Natural Gas Extraction	211111	oil consumption, oil imports		
Metal Mining	Mining (except Oil and Gas)	212			
Coal mining	Coal mining	21211			
Non-metallic Mining	Nonmetallic Mineral Mining and Quarrying	2123			
Oil	Support Activities for Mining	21311	oil consumption, oil imports		
Utilities	Utilities	22			
Energy Infrastructure	Utilities	221	Report Listed Transmission, Mgmt. and Consulting	These cited in other reports.	
Electric and Gas Utilities	Utilities	221			
Utilities (all)		221			
Utility Companies	Utilities	221			
Electricity	Electric Power Generation, Transmission and Distribution	2211			
Energy Generation	Electric Power Generation	22111			

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Renewable Electricity Central Generation – wholesale electricity market	Electric Power Generation	22111	addressing generation facilities selling into the wholesale electricity market, allows electricity customers who operate their own on-site distributed generators to deliver excess power to their local utility, which then distributes it to other customers		
Hydro/Marine	Hydroelectric Power Generation	221111	Only mentioned once in source as part of list.	This is the wave and tidal energy production sector.	
Low Carbon Fuels	Hydroelectric Power Generation	221111	No direct match in Digest.	“Low Carbon Fuels” and “Low Carbon Power & Renewable Power” are too generalized as terms to merit a NAICS code as a distinct green industry.	
Low Carbon Power & Renewable Power	Hydroelectric Power Generation	221111	No direct match in Digest.	“Low Carbon Fuels” and “Low Carbon Power & Renewable Power” are too generalized as terms to merit a NAICS code as a distinct green industry.	
Hydroelectric Power Generation	Hydroelectric Power Generation	221111			
Fuels	Fossil Fuels	221112	Original Paper refers to fossil fuels, not alternative fuels.	Recommend remove. This industry name is too broad for our purposes. Covered elsewhere, e.g.: biofuels, Low-carbon fuels, renewable fuels	
Fossil Fuel	Fossil Fuel Electric Power Generation	221112			
Low Carbon Fuels	Nuclear Electric Power Generation	221113	No direct match in Digest.	“Low Carbon Fuels” and “Low Carbon Power & Renewable Power” are too generalized as terms to merit a NAICS code as a distinct green industry.	

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Low Carbon Power & Renewable Power	Nuclear Electric Power Generation	221113	No direct match in Digest.	"Low Carbon Fuels" and "Low Carbon Power & Renewable Power" are too generalized as terms to merit a NAICS code as a distinct green industry.	
IGCC power plants	Other Electric Power Generation	221119	Integrated Gasification cycle power.		
Other Electric Power Generation	Other Electric Power Generation	221119			
Wind Power Generation	Other Electric Power Generation	221119			
Wind, Solar, Geothermal, and Biomass	Other Electric Power Generation	221119			
Energy production (sun, wind, and bio)	Other Electric Power Generation	221119			
Utilities – solar and wind	Other Electric Power Generation	221119			
Carbon Capture Storage (CCS)	Other Electric Power Generation	221119			
Central Generation	Other Electric Power Generation	221119			
Clean Energy Industries	Other Electric Power Generation	221119			
Distributors	Other Electric Power Generation	221119			
Energy	Other Electric Power Generation	221119			
Wind	Other Electric Power Generation	221119		have separate codes for wind, solar, ocean, geothermal	
Low Carbon Fuels	Other Electric Power Generation	221119	No direct match in Digest.	"Low Carbon Fuels" and "Low Carbon Power & Renewable Power" are too generalized as terms to merit a NAICS code as a distinct green industry.	

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Low Carbon Power & Renewable Power	Other Electric Power Generation	221119	No direct match in Digest.	"Low Carbon Fuels" and "Low Carbon Power & Renewable Power" are too generalized as terms to merit a NAICS code as a distinct green industry.	
Renewable Electricity Central Generation – wholesale electricity market	Electric Power Transmission, Control, and Distribution	22112	addressing generation facilities selling into the wholesale electricity market, allows electricity customers who operate their own on-site distributed generators to deliver excess power to their local utility, which then distributes it to other customers		
Electric Bulk Power Transmission	Electric Bulk Power Transmission and Control	221121			
Transmission	Electric Bulk Power Transmission and Control	221121			
Electric Power Distribution	Electric Power Distribution	221122			
wholesale electricity market	Electric Power Distribution	221122			
Natural Gas	Natural Gas Distribution	221210			
Utilities - Water & Sewage Systems	Water, Sewage and Other Systems	2213			
Waste Stream Diversion	Water, Sewage and Other Systems	2213			
Water	Water, Sewage and Other Systems	2213			
Water and Sanitary Services	Water, Sewage and Other Systems	2213			
Water Transport	Water, Sewage and Other Systems	2213			
Water Treatment	Water Supply and Irrigation Systems	221310			
Water & Wastewater	Water Supply and Irrigation Systems	221310			
Sewage treatment plants	Sewage Treatment Facilities	221320			
Wastewater Treatment	Sewage Treatment Facilities	221320	grey water		
Geothermal	Steam and Air-Conditioning Supply	221330		This code is for Geothermal Steam Production?	

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Steam and Air-Conditioning Supply	Steam and Air-Conditioning Supply	221330			
Energy Efficiency Retrofits	Construction	23	N/A	Also cited in other reports.	
Construction	Construction	23			
Energy sector	Construction	23		These cited in other reports.	
Green Building	Construction of Buildings	236	This appears in many studies and refers to both commercial and residential building construction.		
Construction – residential and commercial	Construction of Buildings	236			
Construction of “green buildings”	Construction of Buildings	236			
Construction/Building trade	Construction of Buildings	236			
Energy Efficiency Retrofits	Construction of Buildings	236		Also cited in other reports.	
Green Building	Residential Building Construction	2361	This appears in many studies and refers to both commercial and residential building construction.		
Residential Building Construction	Residential Building Construction	23611			
New Single-Family Housing Construction	New Single-Family Housing Construction	236115			
New Multifamily Housing Construction	New Multifamily Housing Construction	236116			
New Housing Operative Builders	New Housing Operative Builders	236117			
Residential Remodelers	Residential Remodelers	236118			
Green Building	Nonresidential Building Construction	2362	This appears in many studies and refers to both commercial and residential building construction.		
Industrial Building Construction	Industrial Building Construction	236210			
Commercial and Institutional Building Construction	Commercial and Institutional Building Construction	236220			
Commercial Building Construction	Commercial and Institutional Building Construction	236220			
Green Building	Heavy and Civil Engineering Construction	237	This appears in many studies and refers to both commercial and residential building construction.		

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Industry Titles Cited in Green Reports	NAICS Titles	NAICS	Context Notes	Recommendation Notes	Green Code
Energy Efficiency Retrofits	Heavy and Civil Engineering Construction	237		Also cited in other reports.	
Water and Sewer System Construction	Water and Sewer Line and Related Structures Construction	237110			
Water & Wastewater	Water and Sewer Line and Related Structures Construction	237110			
Pipeline	Oil and Gas Pipeline and Related Structures Construction	237120	methane emissions from leaks in natural gas pipelines (natural gas is 95% methane)		
Power/Communication System Construction	Power and Communication Line and Related Structures Construction	237130			
Alternative Energy/Biofuels	Power and Communication Line and Related Structures Construction	237130			
IGCC power plants	Power and Communication Line and Related Structures Construction	237130	Integrated Gasification cycle power.		
Transmission	Power and Communication Line and Related Structures Construction	237130			
Land Management	Land Subdivision	237210			
Green Space	Land Subdivision	237210	Author refers to land (including open waters offshore) needed for solar and wind farms, and tidal or wave generation.	Broad term to include all NAICS cited here, plus others.	
Other Heavy Construction	Other Heavy and Civil Engineering Construction	237990			
Hydro/Marine	Other Heavy and Civil Engineering Construction	237990	Only mentioned once in source as part of list.	This is the wave and tidal energy production sector.	
Green Building	Specialty Trade Contractors	238	This appears in many studies and refers to both commercial and residential building construction.		
Energy Efficiency Retrofits	Specialty Trade Contractors	238		Also cited in other reports.	
Residential Glass/Glazing Contractors	Residential Glass/Glazing Contractors	238151			
Nonresidential Glass/Glazing Contractors	Nonresidential Glass/Glazing Contractors	238152			

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Residential Roofing Contractors	Residential Roofing Contractors	238161			
Nonresidential Roofing Contractors	Nonresidential Roofing Contractors	238162			
Building Equipment Contractors	Building Equipment Contractors	2382			
Residential Electrical Contractors	Residential Electrical Contractors	238211			
Nonresidential Electrical Contractors	Nonresidential Electrical Contractors	238212			
Heating and Cooling	Plumbing, Heating, and Air-Conditioning Contractors	23822			
HVAC systems	Plumbing, Heating, and Air-Conditioning Contractors	23822			
Residential Plumbing/HVAC Contractors	Residential Plumbing/HVAC Contractors	238221			
Nonresidential Plumbing/HVAC Contractors	Nonresidential Plumbing/HVAC Contractors	238222			
Building Finishing Contractors	Building Finishing Contractors	2383			
Wood Working	Finish Carpentry Contractors	238350			
Land Management	Site Preparation Contractors	23891			
Green Space	Site Preparation Contractors	23891	Author refers to land (including open waters offshore) needed for solar and wind farms, and tidal or wave generation.	Broad term to include all NAICS cited here, plus others.	
Energy sector	Manufacturing	31-33	Mfg.	These cited in other reports.	
Manufacturing	Manufacturing	31-33		Term too non-specific.	
Manufacturing	Manufacturing	31-33			
Insulation	Manufacturing	32		Many types of insulation, depends on product.	
Building Materials	Wood Product Manufacturing	321			
Windows and doors	Wood Window and Door Manufacturing	321911			

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Industry Titles Cited in Green Reports	NAICS Titles	NAICS	Context Notes	Recommendation Notes	Green Code
Buildings	Prefabricated Wood Building Manufacturing	321992			
Paper	Pulp, Paper, and Paperboard Mills	3221	recycle paper		
Non-Toxic Printing	Printing	32311	Printing with non-toxic inks and dyes and recycled papers		
Petroleum Refineries	Petroleum Refineries	324110			
Petroleum, Crude Petroleum, and Petroleum Refining	Petroleum Refineries	324110			
Biorefineries	Petroleum Refineries	324110			
Biodiesel	Petroleum Refineries	324110			
Biodiesel Fuel Production	Petroleum Refineries	324110			
Biofuel production	Petroleum Refineries	324110			
Biofuels	Petroleum Refineries	324110			
Energy-Intensive Industries	Petroleum Refineries	324110	Cited as energy efficiency locations to improve high GHG emmissions.	Many others	
Petroleum and Chemical Manufacturing	Petroleum Refineries	324110	consumption of petroleum products, chemical materials for biofuels industry		
Nondurable Manufacturing - Petroleum Prod Recycling	Petroleum Lubricating Oil and Grease Manufacturing	324191	production for "green" goods and services that provide renewable or less-polluting sources of energy	NAICS code description states the following: re-refining used petroleum lubricating oils (motor oil) - lubricating oil not a renewable source of energy but how can petroleum be recycled once it's burned as fuel? Thinking reference is to petroleum as a lub	
All Other Petroleum and Coal Products	All Other Petroleum and Coal Products Manufacturing	324199			
All Other Petroleum and Coal Products Manufacturing	All Other Petroleum and Coal Products Manufacturing	324199			
Petroleum and Chemical Manufacturing	All Other Petroleum and Coal Products Manufacturing	324199	consumption of petroleum products, chemical materials for biofuels industry		
Hydrogen	Industrial Gas Manufacturing	325120			

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Ethanol production	Ethyl Alcohol Manufacturing	325193			
Ethyl Alcohol Manufacturing	Ethyl Alcohol Manufacturing	325193			
Nondurable manufacturing	Ethyl Alcohol Manufacturing	325193	production for "green" goods and services that provide renewable or less-polluting sources of energy. Petroleum Product Recycling (already coded) and Cleaning Compound Manufacturing are listed under this industry.	Ethanol, or ethyl alcohol, is a clean burning fuel typically produced from corn, a nondurable good	
Fuel	All Other Basic Organic Chemical Manufacturing	325199	study cited indicated "biofuel".		
All Other Basic Organic Chemicals	All Other Basic Organic Chemical Manufacturing	325199			
Biodiesel	All Other Basic Organic Chemical Manufacturing	325199			
Biodiesel Fuel Production	All Other Basic Organic Chemical Manufacturing	325199			
Biofuel production	All Other Basic Organic Chemical Manufacturing	325199			
Biofuels	All Other Basic Organic Chemical Manufacturing	325199			
Biomass (Ethanol, Biodiesel, Biomass Power)	All Other Basic Organic Chemical Manufacturing	325199			
Plastics Material and Resin Manufacturing	Plastics Material and Resin Manufacturing	325211			
Natural Pesticides	Pesticide and Other Agricultural Chemical Manufacturing	325320	agriculture		
Non-Toxic Painting	Paint and Coating Manufacturing	32551	Printing with non-toxic inks and dyes and recycled papers		
NONDURABLE MANUFACTURING - Cleaning Compound Mfg	Soap, Cleaning Compound, and Toilet Preparation Manufacturing	3256			

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Industry Titles Cited in Green Reports	NAICS Titles	NAICS	Context Notes	Recommendation Notes	Green Code
Nondurable manufacturing	Soap and Cleaning Compound Manufacturing	32561	production for "green" goods and services that provide renewable or less-polluting sources of energy. Petroleum Product Recycling (already coded) and Cleaning Compound Manufacturing are listed under this industry.	Ethanol, or ethyl alcohol, is a clean burning fuel typically produced from corn, a nondurable good	
Non-Toxic Printing	Printing Ink Manufacturing	32591	Printing with non-toxic inks and dyes and recycled papers		
All Other Miscellaneous Chemical Product and Preparation Manufacturing	All Other Miscellaneous Chemical Product and Preparation Manufacturing	325998			
Petroleum and Chemical Manufacturing	All Other Miscellaneous Chemical Product and Preparation Manufacturing	325998	consumption of petroleum products, chemical materials for biofuels industry		
Plastic Products	Plastics Product Manufacturing	3261	recycling plastic products		
Unlaminated Plastics Film and Sheet (Except Packaging)	Unlaminated Plastics Film and Sheet (Except Packaging) Manufacturing	326113			
All Other Plastics Product Manufacturing	All Other Plastics Product Manufacturing	326199			
Materials	All Other Plastics Product Manufacturing	326199	Materials recovery discussed in report.	Term too non-specific.	
Recycling	Rubber Product Manufacturing	3262	integrate recycled materials into manufacturing processes and consumer choices - waste, landfill crisis	rubber recycled from retreading of tires, recycle of scrap metal, aluminum, recycling of paper and plastic already coded elsewhere	
Stone, Clay, and Glass	Nonmetallic Mineral Product Manufacturing	327			
Stone, Clay, and Glass	Vitreous China, Fine Earthenware, and Other Pottery Product Manufacturing	327112			
Glass	Glass and Glass Product Mfg.	3272	Listed in table under "Energy Efficiency" Industries heading. No other narrative to describe.	Group assumes this refers to glass manufacturing, not installation.	

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Recycling	Glass and Glass Product Manufacturing	32721	integrate recycled materials into manufacturing processes and consumer choices - waste, landfill crisis	rubber recycled from retreading of tires, recycle of scrap metal, aluminum, recycling of paper and plastic already coded elsewhere	
Stone, Clay, and Glass	Concrete Block and Brick Manufacturing	327331			
Stone, Clay, and Glass	Cut Stone and Stone Product Manufacturing	327991			
Ferrous Metals	Primary Metal Manufacturing	331			
Recycling	Primary Metal Manufacturing	331	integrate recycled materials into manufacturing processes and consumer choices - waste, landfill crisis	rubber recycled from retreading of tires, recycle of scrap metal, aluminum, recycling of paper and plastic already coded elsewhere	
Steel	Iron and Steel Mills and Ferroalloy Manufacturing	3311			
Energy-Intensive Industries	Iron and Steel Mills and Ferroalloy Manufacturing	33111	Cited as energy efficiency locations to improve high GHG emissions.	Many others	
Metal Products	Iron and Steel Mills	331111	Study mentioned just "metal products"	Term too non-specific.	
Steel	Ferrous Metal Foundries	33151			
Fabricated Structural Metal	Fabricated Structural Metal Manufacturing	332312			
Windows and doors	Metal Window and Door Manufacturing	332321			
Sheet Metal Work Manufacturing	Sheet Metal Work Manufacturing	332322			
Power Boiler and Heat Exchanger Manufacturing	Power Boiler and Heat Exchanger Manufacturing	332410			
Metal Tank (Heavy Gauge) Manufacturing	Metal Tank (Heavy Gauge) Manufacturing	332420			
Ball and Roller Bearings	Ball and Roller Bearing Manufacturing	332991			

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Durable Manufacturing - Equipment Mfg	Machinery Manufacturing	333	This code was selected after reviewing the green article on durable manufacturing-which listed HVAC manufacturing.	Also consider that this item fits broadly into: 333 Machinery Manufacturing; 334 Computer and Electronic Product Manufacturing; 335 Electrical Equipment and Appliance Manufacturing; 336 Transportation Equipment Manufacturing; and 33911 Medical Equipment a	
Industrial and related machinery	Industrial Machinery Mfg.	3332			
DURABLE MANUFACTURING - HVAC Equipment Mfg	Ventilation, Heating, Air-Conditioning, and Commercial Refrigeration Equipment Manufacturing	33341			
Heating and Cooling	Ventilation, Heating, Air-Conditioning, and Commercial Refrigeration Equipment Manufacturing	33341	Study cites alternative heating and cooling systems such as solar.	Covered above in HVAC	
HVAC systems	Ventilation, Heating, Air-Conditioning, and Commercial Refrigeration Equipment Manufacturing	33341		Covered above in HVAC	
Heating Equipment, ex. Warm Air Furnaces	Heating Equipment, ex. Warm Air Furnaces	333414			
AC, Refrig., & Forced Air Heating (new def. 2	Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing	333415			
Durable Manufacturing - Equipment Mfg	Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing	333415	This code was selected after reviewing the green article on durable manufacturing-which listed HVAC manufacturing.	Also consider that this item fits broadly into: 333 Machinery Manufacturing; 334 Computer and Electronic Product Manufacturing; 335 Electrical Equipment and Appliance Manufacturing; 336 Transportation Equipment Manufacturing; and 33911 Medical Equipment a	

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Industry Titles Cited in Green Reports	NAICS Titles	NAICS	Context Notes	Recommendation Notes	Green Code
Turbine Generator & Generator Set Units	Turbine and Turbine Generator Set Units Manufacturing	333611			
Turbines, and Turbine Generators, and Turbine Generator Sets	Turbine and Turbine Generator Set Units Manufacturing	333611			
Wind Turbine Manufacturing	Turbine and Turbine Generator Set Units Manufacturing	333611			
Engines and Turbines	Turbine and Turbine Generator Set Units Manufacturing	333611	N/A		
Low Carbon Fuels	Turbine and Turbine Generator Set Units Manufacturing	333611	No direct match in Digest.	"Low Carbon Fuels" and "Low Carbon Power & Renewable Power" are too generalized as terms to merit a NAICS code as a distinct green industry.	
Low Carbon Power & Renewable Power	Turbine and Turbine Generator Set Units Manufacturing	333611	No direct match in Digest.	"Low Carbon Fuels" and "Low Carbon Power & Renewable Power" are too generalized as terms to merit a NAICS code as a distinct green industry.	
Other Engine Equipment Manufacturing	Other Engine Equipment Manufacturing	333618			
Pump and Pumping Equipment Manufacturing	Pump and Pumping Equipment Manufacturing	333911			
Air and Gas Compressor Manufacturing	Air and Gas Compressor Manufacturing	333912			

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Durable Manufacturing - Equipment Mfg	Computer and Electronic Product Manufacturing	334	This code was selected after reviewing the green article on durable manufacturing-which listed HVAC manufacturing.	Also consider that this item fits broadly into: 333 Machinery Manufacturing; 334 Computer and Electronic Product Manufacturing; 335 Electrical Equipment and Appliance Manufacturing; 336 Transportation Equipment Manufacturing; and 33911 Medical Equipment a	
Computer, copiers, and FAX machines	Computer and Peripheral Equipment Mfg.	33411			
TV, video, and audio equipment	Audio and Video Equipment Manufacturing	334310			
Semiconductor and Related Devices	Semiconductors and Related Device Manufacturing	334413			
Photovoltaic Equipment Manufacturers	Semiconductors and Related Device Manufacturing	334413			
Photovoltaics	Semiconductors and Related Device Manufacturing	334413			
Semiconductors and Related Devices	Semiconductors and Related Device Manufacturing	334413			
Solar Cell and Module Manufacturers	Semiconductors and Related Device Manufacturing	334413			
Nascent Photovoltaic (PC) industry	Semiconductors and Related Device Manufacturing	334413	growth in solar industry increases demand in solar occupations	includes manufacturing of solar cells	
Printed circuits and electronics assemblies	Printed Circuit Assembly (Electronic Assembly) Manufacturing	334418			
Monitoring & Control	Navigational, Measuring, Electromedical, and Control Instruments Manufacturing	3345	manufacturing/industrial		

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Industry Titles Cited in Green Reports	NAICS Titles	NAICS	Context Notes	Recommendation Notes	Green Code
Automatic Environmental Control Mfg	Automatic Environmental Control Mfg for Residential, Commercial, and Appliance Use	334512			
Emissions Control	Automatic Environmental Control Mfg for Residential, Commercial, and Appliance Use	334512			
Manufacturing highly efficient goods	Automatic Environmental Control Mfg for Residential, Commercial, and Appliance Use	334512	Report says appliances and thermostats. Controls of temps.		
Industrial Process Variable Instruments	Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial Process Variables	334513			
Measuring and Controlling Devices	Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial Process Variables	334513			
Fluid Meters and Counting Devices	Totalizing Fluid Meters and Counting Device Manufacturing	334514			
Instrument Manufacturing for Measuring and Testing	Instrument Manufacturing for Measuring and Testing Electricity and Electrical Signals	334515			
Measuring and Controlling Devices	Other Measuring and Controlling Device Manufacturing	334519			
Monitoring/Compliance	Other Measuring and Controlling Device Manufacturing	334519	air & environment	334519 - includes automotive emissions test equipment, solarimeters (measures solar radiation)	

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Durable Manufacturing - Equipment Mfg	Electrical Equipment, Appliance, and Component Manufacturing	335	This code was selected after reviewing the green article on durable manufacturing-which listed HVAC manufacturing.	Also consider that this item fits broadly into: 333 Machinery Manufacturing; 334 Computer and Electronic Product Manufacturing; 335 Electrical Equipment and Appliance Manufacturing; 336 Transportation Equipment Manufacturing; and 33911 Medical Equipment a	
Energy Storage	Electric Lighting Equipment Manufacturing	3351	Advanced Batteries, fuel cells, and hybrid systems.		
Electric Lamp Bulb & Part Manufacturing	Electric Lamp Bulb & Part Manufacturing	335110			
Household appliances and lighting	Lighting Fixture Manufacturing	33512	Study looked at firms that offered the higher Energy Star ratings for these appliances and lighting products.	Recommend including both NAICS codes here to cover appliance and lighting manufacturing.	
Manufacturing highly efficient goods	Electric Housewares and Household Fan Manufacturing	335211	Report says appliances and thermostats. Controls of temps.		
Household Cooking Appliance Mfg	Household Cooking Appliance Mfg	335221			
Household appliances and lighting	Household Cooking Appliance Mfg	335221	Study looked at firms that offered the higher Energy Star ratings for these appliances and lighting products.	Recommend including both NAICS codes here to cover appliance and lighting manufacturing.	
Household Refrigerators and Freezers	Household Refrigerator and Home Freezer Manufacturing	335222			
Household Laundry Equipment Mfg	Household Laundry Equipment Mfg	335224			
Other Major Household Appliance Mfg	Other Major Household Appliance Mfg	335228			
Electric Power & Specialty Transformers	Power, Distribution, and Specialty Transformer Manufacturing	335311			
Motor and Generator Manufacturing	Motor and Generator Manufacturing	335312			

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Motors and Generators	Motor and Generator Manufacturing	335312			
Switchgear and Switchboard Apparatus Manufacturing	Switchgear and Switchboard Apparatus Manufacturing	335313			
Storage Batteries	Storage Battery Manufacturing	335911			
Storage Battery Manufacturing	Storage Battery Manufacturing	335911			
Advanced Batteries	Storage Battery Manufacturing	335911			
Current-Carrying Wiring Device Manufacturing	Current-Carrying Wiring Device Manufacturing	335931			
Electronic Equipment and Components	All Other Miscellaneous Electrical Equipment and Component Manufacturing	335999		Sure it's "all other"? Should we break out to the specific NAICS that mfg.	
Miscellaneous Electrical Equipment	All Other Miscellaneous Electrical Equipment and Component Mfg.	335999			
Fuel Cells	All Other Miscellaneous Electrical Equipment and Component Mfg.	335999	No narrative. Only listed on table once.	Currently, 80% of Fuel Cells are used in telecommunication towers, hospitals emergency back-up power, banks and forklifts. 20% are in autos, but this number is changing rapidly. Of the auto fuel cells, about half are made by auto mfgrs., others by indepe	
Energy Storage	All Other Miscellaneous Electrical Equipment and Component Mfg.	335999	Advanced Batteries, fuel cells, and hybrid systems.		
Automobile and Aircraft Manufacturing	Transportation Equipment Mfg.	336			

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Durable Manufacturing - Equipment Mfg	Transportation Equipment Mfg.	336	This code was selected after reviewing the green article on durable manufacturing-which listed HVAC manufacturing.	Also consider that this item fits broadly into: 333 Machinery Manufacturing; 334 Computer and Electronic Product Manufacturing; 335 Electrical Equipment and Appliance Manufacturing; 336 Transportation Equipment Manufacturing; and 33911 Medical Equipment a	
Auto manufacturing	Motor Vehicle Manufacturing	3361			
Car manufacturing	Motor Vehicle Manufacturing	3361			
Motor vehicle manufacturing	Motor Vehicle Manufacturing	3361			
Vehicle Manufacturing (hybrid/fuel efficient)	Motor Vehicle Manufacturing	3361			
Hybrid Systems	Motor Vehicle Manufacturing	3361			
Automobile Manufacturing	Automobile Manufacturing	336111			
Auto	Automobile Manufacturing	336111			
Fuel Cells	Automobile Manufacturing	336111	No narrative. Only listed on table once.	Currently, 80% of Fuel Cells are used in telecommunication towers, hospitals emergency back-up power, banks and forklifts. 20% are in autos, but this number is changing rapidly. Of the auto fuel cells, about half are made by auto mfgs., others by indepe	
Light Truck and Utility Vehicle Mfg	Light Truck and Utility Vehicle Mfg	336112			
Vehicles	Light Truck and Utility Vehicle Mfg	336112			
Heavy Duty Truck Manufacturing	Heavy Duty Truck Manufacturing	336120			

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Vehicles	Motor Vehicle Body Manufacturing	336211			
Motor Home Manufacturing	Motor Home Manufacturing	336213			
Hybrid Systems	Motor Vehicle Parts Mfg.	3363			
Gasoline Engine and Engine Parts Manufacturing	Gasoline Engine and Engine Parts Manufacturing	336312			
Gasoline Engines and Engine Parts	Gasoline Engines and Engine Parts Manufacturing	336312			
Engines and Turbines	Gasoline Engines and Engine Parts Manufacturing	336312			
Motor Vehicle Power Train Components	Motor Vehicle Transmission and Power Train Parts Manufacturing	336350			
Motor Vehicle Transmission and Power Train Parts Manufacturing	Motor Vehicle Transmission and Power Train Parts Manufacturing	336350			
Aircraft Manufacturing	Aircraft Manufacturing	336411			
Aircraft Engine and Engine Parts	Aircraft Engine and Engine Parts Manufacturing	336412			
Transportation- public transit light rail	Railroad rolling Stock Manufacturing	336510		Might also include:Railroad Rolling Stock Manufacturing	
Ship Building and Repairing	Ship Building and Repairing	336611			
Boat Building	Boat Building	336612			
Motorcycle, Bicycle, and Parts Mfg	Motorcycle, Bicycle, and Parts Mfg	336991			
Miscellaneous durable manufacturing	Miscellaneous Manufacturing	339			

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Durable Manufacturing - Equipment Mfg	Medical Equipment and Supplies Manufacturing	33911	This code was selected after reviewing the green article on durable manufacturing-which listed HVAC manufacturing.	Also consider that this item fits broadly into: 333 Machinery Manufacturing; 334 Computer and Electronic Product Manufacturing; 335 Electrical Equipment and Appliance Manufacturing; 336 Transportation Equipment Manufacturing; and 33911 Medical Equipment	
Balance of Systems (BOS) Manufacturers and Supplies	Other Misc. Manufacturing	3399			
Wholesale Trade	Wholesale Trade	42			
Renewable Electricity Central Generation – wholesale electricity market	Electrical Apparatus and Equipment, Wiring Supplies, and Related Equipment Merchant Wholesalers	423610	addressing generation facilities selling into the wholesale electricity market, allows electricity customers who operate their own on-site distributed generators to deliver excess power to their local utility, which then distributes it to other customers		
Wholesale Electronics	Electrical and Electronic Appliance, Television, and Radio Set Merchant Wholesalers	423620			
Misc. Durable Goods Wholesale	Miscellaneous Durable Goods Merchant Wholesalers	4239			
Recyclable Material Merchant Wholesales	Recyclable Material Merchant Wholesales	423930			
Waste Reduction & Management	Recyclable Material Merchant Wholesales	423930			
Carbon markets	Other Chemical and Allied Products Merchant Wholesalers	424690			
Retail	Retail Trade	44-45			
Retail Trade	Retail Trade	44-45			
Transportation	Transportation	48			

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Industry Titles Cited in Green Reports	NAICS Titles	NAICS	Context Notes	Recommendation Notes	Green Code
Building Materials	Other Building Material Dealers	444190			
Alternative Transportation	Transportation	48			
Railroads	Rail Transportation	48211			
Trucking	Truck Transportation	484			
Transportation- public transit light rail	Other Urban Transit Systems	485119		Might also include:Railroad Rolling Stock Manufacturing	
Pipeline	Pipeline Transportation of Natural Gas	486210	methane emissions from leaks in natural gas pipelines (natural gas is 95% methane)		
Transportation and Warehousing	Transportation and Warehousing	48-49			
Warehousing	Warehousing and Storage	4931			
Information	Information	51			
Banking and Finance	Finance and Insurance	52			
Finance	Finance and Insurance	52			
Finance and Insurance	Finance and Insurance	52			
Finance/Investment	Securities, Commodity Contracts, and Other Financial Investments and Related Activities	523			
Trading & Offsets	Investment Banking and Securities Dealing	523110			
Commodity Suppliers	Commodity Contracts Dealing	523130			
Trading & Offsets	Commodity Contracts Dealing	523130			
Insurance	Insurance Carriers and Related Activities	524		broad coding but relates to industry	
Real Estate and Rental and Leasing	Real Estate and Rental and Leasing	53		broad coding but relates to industry	
Green Space	Lessors of Other Real Estate Property	53119			
Professional, Scientific, and Technical Services	Professional, Scientific, and Technical Services	54		broad coding but relates to industry	
Energy sector	Professional, Scientific, and Technical Services	54		These cited in other reports.	
Information and cultural industries	Professional, Scientific, and Technical Services	541	Cultural included with fish and game.(Canadian report)		

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Industry Titles Cited in Green Reports	NAICS Titles	NAICS	Context Notes	Recommendation Notes	Green Code
Bio	Professional, Scientific, and Technical Services	541			
Legal Services	Legal Services	5411			
Architecture & Engineering	Architectural, Engineering, and Related Services	5413			
Professional services including architecture and engineering	Architectural, Engineering, and Related Services	5413			
Architectural Services	Architectural Services	541310			
Green Space	Landscape Architectural Services	541320	Author refers to land (including open waters offshore) needed for solar and wind farms, and tidal or wave generation.	Broad term to include all NAICS cited here, plus others.	
Landscape Architectural Services	Landscape Architectural Services	541320			
Land Management	Landscape Architectural Services	541320			
Engineering Services	Engineering Services	541330			
Building Inspection Services	Building Inspection Services	541350			
Geophysical Surveying & Mapping Services	Geophysical Surveying & Mapping Services	541360			
Other Surveying and Mapping Services	Surveying and Mapping (except Geophysical) Services	541370			
Testing Laboratories	Testing Laboratories	541380			
Interior Design Services	Interior Design Services	541410			
Industrial Design Services	Industrial Design Services	541420			
Information Technology	Computer Systems Design and Related Services	5415			
Computer System Design	Computer Systems Design Services	541512			
ESCO	Management, Scientific, and Technical Consulting Services	5416	Energy service Company - Go into companies and tell firm how to be more energy efficient.		
Energy Infrastructure	Management, Scientific, and Technical Consulting Services	5416	Report Listed Transmission, Mgmt. and Consulting	These cited in other reports.	
Logistics	Process, Physical Distribution, and Logistics Consulting Services	541614			

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Industry Titles Cited in Green Reports	NAICS Titles	NAICS	Context Notes	Recommendation Notes	Green Code
Process & Logistics Consulting Services	Process, Physical Distribution, and Logistics Consulting Services	541614			
Consulting and Research	Environmental Consulting Services	541620	Also includes 541712 which includes research.		
Environmental Consulting	Environmental Consulting Services	541620			
Environmental Consulting Services	Environmental Consulting Services	541620			
Consulting and support	Environmental Consulting Services	541620			
Other Scientific and Technical Consulting Services	Other Scientific and Technical Consulting Services	541690			
Other Technical Consulting Services	Other Scientific and Technical Consulting Services	541690			
Scientific & Tech Consulting	Other Scientific and Technical Consulting Services	541690			
Scientific Research & Development	Scientific Research & Development Services	5417			
Research & Alliances	Scientific Research & Development Services	5417			
Nano	Research and Development in the Physical, Engineering, and Life Sciences	54171	materials		
Physical/Engineering/Bio Research (del. 2007)	Physical/Engineering/Bio Research (del. 2007)	541710			
Biotechnology	Biotechnology research and development laboratories or services	541711			
Clean technologies	Research and Development in the Physical, Engineering, and Life Sciences (Except Biotechnology)	541712			

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Industry Titles Cited in Green Reports	NAICS Titles	NAICS	Context Notes	Recommendation Notes	Green Code
Clean technology	Research and Development in the Physical, Engineering, and Life Sciences (Except Biotechnology)	541712			
University research center	Research and Development in the Physical, Engineering, and Life Sciences (Except Biotechnology)	541712			
Consulting and Research	Research and Development in the Physical, Engineering, and Life Sciences (Except Biotechnology)	541712	Also includes 541712 which includes research.		
Public Relations - branding	Public Relations Agencies	541820			
Management of Companies and Enterprises	Management of Companies and Enterprises	55			
Energy Infrastructure	Management of Companies and Enterprises	55	Report Listed Transmission, Mgmt. and Consulting	These cited in other reports.	
Management	Magmt. Of Companies and Enterprises	55111		Term too non-specific.	
Administrative and Support and Waste Management and Remediation Services	Administrative and Support and Waste Management and Remediation Services	56			
Management	Administrative and Support and Waste Management and Remediation Services	56		Term too non-specific.	
Administrative and Support	Administrative and Support Services	561			
Business Services	Business Support Services	5614			
Manufacturing/Industrial	Packaging and Labeling Services	561910	Study refers to "Advance packaging (already coded), monitoring and control processes (already coded), and smart production."	Term too non-specific.	
Advanced Packaging	Packaging and Labeling Services	561910			

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Industry Titles Cited in Green Reports	NAICS Titles	NAICS	Context Notes	Recommendation Notes	Green Code
Recycling & Waste	Waste Management and Remediation Services	562			
Waste Collection Remediation & Waste Mgmt	Waste Management and Remediation Services	562			
Solid Waste Collection	Solid Waste Collection	562111			
Other Waste Collection	Other Waste Collection	562119			
Waste Treatment	Waste Treatment and Disposal	56221			
Waste reduction facilities	Waste Treatment and Disposal	56221			
Solid Waste Landfill	Solid Waste Landfill	562212			
Solid Waste Combustors and Incinerators	Solid Waste Combustors and Incinerators	562213			
Waste reduction facilities	Solid Waste Combustors and Incinerators	562213			
Other Nonhazardous Waste Disposal	Other Nonhazardous Waste Treatment and Disposal	562219			
Cleanup/Safety	Remediation Services	562910			
Environmental Remediaton	Remediation Services	562910			
Remediation Services	Remediation Services	562910			
Waste Reduction & Management	Remediation Services	562910			
Land Management	Remediation Services	562910			
Green Space	Remediation Services	562910	Author refers to land (including open waters offshore) needed for solar and wind farms, and tidal or wave generation.	Broad term to include all NAICS cited here, plus others.	
Materials	Materials Recovery Facilities	562920	Materials recovery discussed in report.	Term too non-specific.	
Materials Recovery Facilities	Materials Recovery Facilities	562920			
Waste reduction facilities	Materials Recovery Facilities	562920			
Education	Educational Services	611			
Education	Educational Services	611			
Educational Services	Educational Services	611			
Health Care	Health Care and Social Assistance	62			
Health Care and Social Assistance	Health Care and Social Assistance	62			

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Industry Titles Cited in Green Reports	NAICS Titles	NAICS	Context Notes	Recommendation Notes	Green Code
Energy Assistance Programs	Other Community Housing Services	624229			
Arts, Entertainment and Recreation	Arts, Entertainment, and Recreation	71			
Recreational	Amusement, Gambling, and Recreation Industries	713		713910 Golf management for turf courses may be a green industry since some golf courses use green practices, 713930 NOAA has clean marina initiative	
Recreational	Golf Courses and Country Clubs	713910		713910 Golf management for turf courses may be a green industry since some golf courses use green practices, 713930 NOAA has clean marina initiative	
Recreational	Marinas	713930		713910 Golf management for turf courses may be a green industry since some golf courses use green practices, 713930 NOAA has clean marina initiative	
Accommodation	Accommodations and Food Services	72		Florida has Green Lodge program, Dept of Environmental Protection certifies the lodging facilities.	
Food	Food Services and Drinking Places	722	Study said "food services", indicating restaurants.	Restaurants	
Food Services	Food Services and Drinking Places	722		lffy, up to restaurant owner	
Other Services (except Public Administration)	Other Services (except Public Administration)	81		813910 is considered a clean industry	
Personal Services	Personal and Laundry Services	812		How is this green industry	
Non-profit	Environment, Conservation and Wildlife Organizations	813312			
Trade associations and NGOs	Business Associations	813910		813910 is considered a clean industry	
Other Services (except Public Administration)	Business Associations	813910			

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Industry Titles Cited in Green Reports	NAICS Titles	NAICS	Context Notes	Recommendation Notes	Green Code
Federal, State and local government	Public Administration	92		Not the entire sector is green	
Public Administration	Public Administration	92			
Public Sector/Govt	Public Administration	92			
Government	Public Administration	92			
Local and State government	Public Administration	92			
Energy sector	Public Administration	92		These cited in other reports.	
Air & Environment	Administration of Air, and Water Resource and Solid Waste Management Programs	924110			
Climate Adaptation	Administration of Air, and Water Resource and Solid Waste Management Programs	924110			
Demand management	Administration of Air, and Water Resource, and Solid Waste Management Programs	924110			
Demand-response	Administration of Air, and Water Resource, and Solid Waste Management Programs	924110			
Emissions Control	Administration of Air, and Water Resource, and Solid Waste Management Programs	924110			
Energy Efficiency	Administration of Air, and Water Resource, and Solid Waste Management Programs	924110			
Energy Efficiency and Demand Response	Administration of Air, and Water Resource, and Solid Waste Management Programs	924110			
Waste Management	Administration of Air, and Water Resource, and Solid Waste Management Programs	924110			

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Industry Titles Cited in Green Reports	NAICS Titles	NAICS	Context Notes	Recommendation Notes	Green Code
Air, Water and Waste Program Admin	Administration of Air, and Water Resource, and Solid Waste Management Programs	924110			
Waste Reduction & Management	Administration of Air, and Water Resource, and Solid Waste Management Programs	924110			
Land Management	Administration of Conservation Programs	924120			
Local and State government Administration of Conservation Programs	Administration of Conservation Programs	924120			
Water Conservation	Administration of Conservation Programs	924120			
Management	Administration of Conservation Programs	924120		Term too non-specific.	
Urban and Rural Development Admin	Administration of Urban Planning and Community and Rural Development	925120			
Land Management	Administration of Urban Planning and Community and Rural Development	925120			
Green Space	Administration of Urban Planning and Community and Rural Development	925120	Author refers to land (including open waters offshore) needed for solar and wind farms, and tidal or wave generation.	Broad term to include all NAICS cited here, plus others.	
Transportation Program Administration	Regulation and Administration of Communications, Electric, Gas, and Other Utilities	926120			
Energy Development and Conservation Programs, Govt.	Regulation and Administration of Communications, Electric, Gas, and Other Utilities	926130			
Utility Regulation and Administration	Regulation and Administration of Communications, Electric, Gas, and Other Utilities	926130			

Draft "Green" Industries Sorted by NAICS

Industry Titles Cited in Green Reports	NAICS Titles	NAICS	Context Notes	Recommendation Notes	Green Code
Water Conservation	Regulation and Administration of Communications, Electric, Gas, and Other Utilities	926130			
Manufacturing/Industrial	Regulation and Administration of Communications, Electric, Gas, and Other Utilities	926130	Study refers to "Advance packaging (already coded), monitoring and control processes (already coded), and smart production."	Term too non-specific.	
Management	Regulation and Administration of Communications, Electric, Gas, and Other Utilities	926130		Term too non-specific.	
Monitoring/Compliance	Regulation and Administration of Communications, Electric, Gas, and Other Utilities	926130	air & environment		
Licensing/Regulating Commercial Sectors	Regulation, Licensing, and Inspection of Miscellaneous Commercial Sectors	926150			
Monitoring/Compliance	Regulation, Licensing, and Inspection of Miscellaneous Commercial Sectors	926150	air & environment		
Gas-Greenhouse			Report refers to "industries that produce greenhouse gases".	Recommend Delete this reference from list. Major industries that pollute (transportation, coal, etc.) are already cited with Coding.	
GHG-intensive industries			Report refers to "energy sector and other GHG-intensive industries".	Recommend Delete this reference from list. Transportation (48-49) is the largest GHG producing industry group (30%) according to CARB and we have that already.	
Green Infrastructure			There was no reference to "green infrastructure" in any report. Just "energy Infrastructure"	See Energy Infrastructure	

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Industry Titles Cited in Green Reports	NAICS Titles	NAICS	Context Notes	Recommendation Notes	Green Code
Lighting				copy from Household appliances line	
Maintenance			Did not show in the study cited.	Term too non-specific.	
Chemical					
Renewable Electricity Distributed Generation - Consumer side of the market					
Renewable energy			Hard to classify cover many areas	They would be a brake out oof specific naics	
Renewable energy generation: wind energy, biomass					
Renewable energy systems					
Renewable energy technologies					
Renewable Fuels					
Smart Production					
Social Assistance					
Solar			221119, 237130, 238160, 238220, 333414, 334413, 334519, 335121, 335122, 335121, 335122, 423330, 423690, 423720, 926130	Too general to clasify, cover many NAICS	
Solar industry			333414, 238220, 423720,		
Solar Thermal			333414, 238220, 423720,		
Storm water management-(green roof, permeable pavement, rain water collection)					
Structures			237130, 237130,		
System Integrators and Packagers					
Technology					
Transportation				The entire sector cannot be green	