

Wind Energy (WNX) - components

	<u>Theme</u>	<u>Sector</u>	<u>Activity</u>
Abb Ltd.	Wind turbines, generators and converters.	WM	SWITZERLAND
Acciona	Sustainability infrastructure, engineering.	SG	SPAIN
Aker Horizons	Sustainable energy includes wind, hydrogen.	WI	NORWAY
Azure Power Global	Expanding to wind, from solar farms, India.	WF	INDIA
Boralex Inc	Development and operation of wind farms.	WF	CANADA
Brookfield Renewable Corp.	Pure plays renewables wind, hydro, solar.	WF	USA
Cadeler A/S	Offshore windfarm installation vessels.	WI	NORWAY
China Datang Corp Renewable Power Co Ltd	Among largest listed wind operators in China.	WF	CHINA
China High Speed Transmission	Wind turbine gearboxes, heavy duty.	WM	CHINA
Corporacion Acciona Energias Renovables SA	Wind, global energy exclusively on renewables.	WI	SPAIN
CS Wind	Wind power, both onshore, and also offshore.	WF	S. KOREA
Dongkuk Structures	Wind tower steel structures.	WM	S. KOREA
EDP Renovaveis SA	Wind, among the world's largest generators.	WI	PORTUGAL
Elia Group SA	High voltage power transmission, Europe/UK.	SG	BELGIUM
Encavis AG	Wind energy plants across Europe, solar too.	WF	GERMANY
Energiekontor AG	Wind Farm Developer, and group ownership.	WF	GERMANY
Energy Vault	Energy storage, re-purposing old wind blades.	WI	USA
Enlight Renewable Energy Ltd	Builds and operates wind, also solar sites.	WF	ISRAEL
Fastned BV	EV Chargers use local renewable wind power.	SG	NETHERLANDS
FREYR	Wind used for new green battery manufacture.	SG	NORWAY
Greenvolt Energias	Wind, residual biomass & urban demo waste.	WF	PORTUGAL
Greenergy Renovables SA	Wind projects in Chile, Peru, elsewhere.	WF	SPAIN
Gurit Holding AG	Wind turbine blade tooling, composites.	WM	SWITZERLAND
Hexagon Composites ASA	Composite material inspection technology.	WM	NORWAY
Infrastructure and Energy Alternatives Inc	Initial layout to construction of wind farms.	WM	USA
Innergex Renewable Energy Inc	Independent renewable producer, wind.	WF	CANADA
JL Mag Rare Earth	Rare Earths, in wind turbines, EVs, fuel cells.	WI	CHINA
Neoen SA	Wind, a lead French independent producer.	WF	FRANCE

Nexans SA	Subsea cables for offshore wind farms.	SG	FRANCE
NKT A/S	High voltage DC offshore wind, cables.	SG	DENMARK
Nordex SE	One of world's largest wind turbine makers.	WI	GERMANY
Orsted A/S	Renewable energy - transitioned from fossils.	WI	DENMARK
OX2 AB	Wind power generation, Europe.	WF	SWEDEN
Prysmian SpA	Cables for new offshore wind and grid.	SG	ITALY
Renew Energy Global	Utility scale wind farms, India.	WF	INDIA
Renova Inc	Independent renewable power producer.	WF	JAPAN
Schneider Electric	Advanced grid, wind energy management.	SG	FRANCE
SGL Carbon SE	Composite and graphite materials in wind.	WM	GERMANY
Siemens Gamesa Renewable Energy SA	Among largest offshore & onshore wind.	WI	SPAIN
SKF AB	Wind gear rolling bearings, seals, mechatronics.	WM	SWEDEN
SMA Solar Technology	Wind power conversion; green H2 from wind.	SG	GERMANY
Terna Rete	Europe's largest independent grid operator.	SG	ITALY
Toray Industries	Carbon fiber for wind turbine blades.	WI	JAPAN
TPI Composites Inc	Wind blade manufacturer, assemblies.	WM	USA
Unison Co Ltd	Wind turbine manufacturing, S Korea.	WM	S. KOREA
Vestas Wind Systems A/S	One of first, largest, wind turbine makers.	WI	DENMARK
Voltaia SA	Renewables wind, solar, hydro, biomass, H2.	SG	FRANCE
Xinjiang Goldwind Science & Technology	Wind turbine maker onshore & offshore, China.	WM	CHINA

48 components = 100/48 = 2.08% Weight each

4 WilderHill Wind Index Sectors

	<u>Number</u>
SMARTER GRID (SG)	11
WIND FARMS (WF)	15
WIND INNOVATION (WI)	11
WIND MATERIALS (WM)	11
Total =	48

