

# ZKB MeinIndex Sustainable Energy Production

Reporting | CH Sec No. 10 687 116

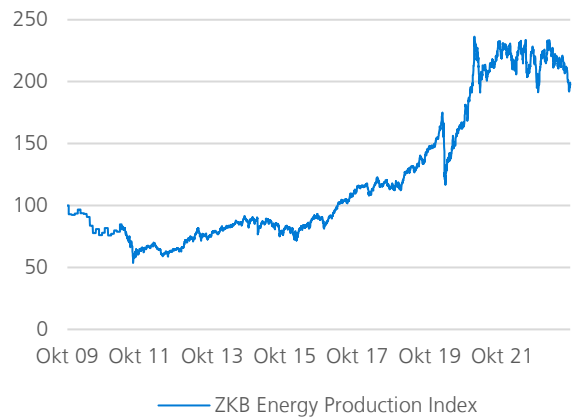
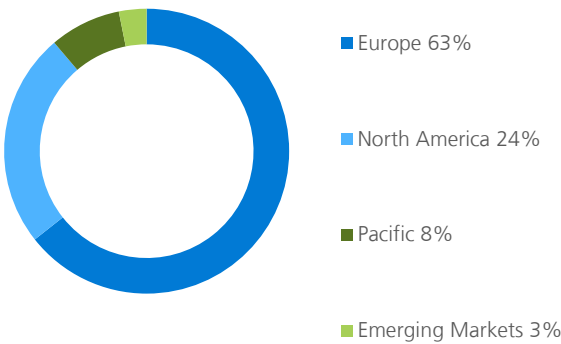
31.08.2023

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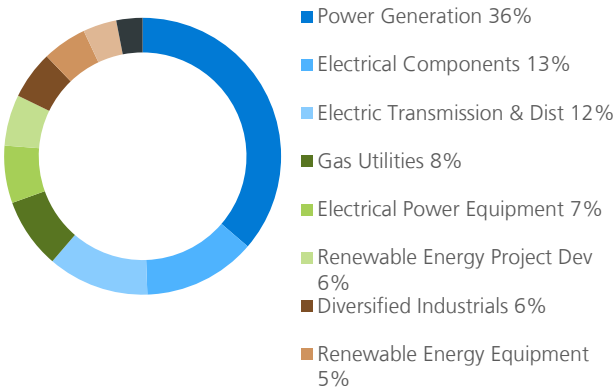
**In brief**

- Utility companies that focus exclusively or predominantly on producing energy from renewable sources.
- Energy production that has a significantly reduced impact on the climate and environment.
- By the middle of the 21st century, renewables could account for 50 % of energy consumption.
- Sustainable energy production plants are frequently decentralized in nature, resulting in lower transfer losses and/or the simultaneous use of electricity and heat.
- Power stations which use renewable energy sources have either no fuel costs or low fuel cost

Distribution by region as of 31.08.2023



Distribution by portfolio category as of 31.08.2023



**Performance figures ZKB MeinIndex Sustainable Energy Production**

Absolute	Annualized	
1m	-5.5%	
3mths	-6.5%	
1y	-9.5%	
3y	18.4%	6.1%
5y	72.3%	14.5%
since launch	97.9%	7.1%

Annual performance	
2015	-7.6%
2016	10.5%
2017	28.4%
2018	-2.0%
2019	36.3%
2020	38.1%
2021	7.3%
2022	-5.6%
2023 YTD	-8.3%

Index description  
With 25 % of the world's greenhouse gas emissions, the power station sector bears a high share of responsibility for tomorrow's climate. The production mix of coal, oil, natural gas, nuclear and hydro cannot be retained in its current form. New power stations must adapt to the needs of changed circumstances. The significance of climate change, and therefore the reduction in greenhouse gas emissions, will play a major role. However, there are also issues connected with fuel security of supply, environmental and social factors in the promotion and distribution of fuels, as well as the long-term profitability of new fossil-fuel and nuclear power stations in a rapidly changing environment. Society's acceptance of new, large-scale power stations will also be an issue. There is a new group of utility firms with a progressive answer to these questions: utility companies which focus exclusively or predominantly on producing energy from renewable sources. By the middle of the 21st century, renewables could account for 50 % of energy consumption (currently around 15 %). With energy production from renewable energies, there is generally no cost (or only minimal cost) involved in the use of energy sources; it is also significantly less damaging to the environment than conventional plants, and often decentralized in nature. Decentralized energy production also goes hand in hand with greater energy efficiency, as shorter routes result in smaller transfer losses and/or electricity and heat are used at the same time.

ZKB MeinIndex Sustainability Energy Production  
For the ZKB MeinIndex Sustainability Energy Production, companies in the following five categories of renewable energy are selected from the sustainable investment universe of Zürcher Kantonalbank. Energy production can consist of the production of electricity, heat or cold. The types of renewable energy are divided into five categories:

Wind  
The operators and owners of wind farms, which are used to produce electricity. This also includes operators of networks that have a substantial input from renewable energy sources.

Solar  
The operators and owners of solar equipment and parks (photovoltaics and solar thermal power stations) that are used for electricity production and/or heat or cold generation.

Geothermal  
Operators and owners of geothermal power plants that are used for electricity production and/or heat or cold generation.

Hydroelectricity  
Operators and owners of hydroelectric power plants that are used to generate electricity. This includes run-of-river and storage power plants, drinking water plants, as well as new forms of marine hydroelectricity (e.g. wave, tidal, osmosis and ocean current energy).

Biomass/waste-to-energy  
Operators and owners of power plants fired by biomass, which is used to generate electricity and/or heat. Biomass also includes the following materials: biogas, landfill gas and sewer gas, as well as gas from the biodegradable element of household and industrial waste. A major emphasis is placed on the sustainability of biomass extraction.

**Key data ZKB MeinIndex Sustainable Energy Production**

CH Sec No.	10 687 116
Bloomberg Symbol	ZKBINHEN

**Open End ZKB Tracker Certificates**

CH Sec No.	ISIN	Symbol	Tranche
10 716 403	CH0107164037	TRERZO	Retail

**Contact**  
Sales Structured Products  
Zürcher Kantonalbank  
P.O. Box, 8010 Zürich  
Phone: +41 (0)44 293 66 65  
E-Mail: [derivate@zkb.ch](mailto:derivate@zkb.ch)

**ZKB MeinIndex Sustainable Energy Production Components as of 31.08.2023**

Underlying	Currency	Portfolio category	Weight as of 31.08.2023
ABB Ltd	CHF	Electrical Components	4.36%
Atkore Inc	USD	Electrical Components	4.81%
Boliden AB	SEK	Base Metals	3.01%
Concord New Energy Group Ltd	HKD	Power Generation	3.86%
Corp ACCIONA Energias Renovabl	EUR	Renewable Energy Project Dev	3.26%
Eaton Corp PLC	USD	Diversified Industrials	5.54%
EDP Renovaveis SA	EUR	Power Generation	3.35%
Energiedienst Holding AG	CHF	Electric Transmission & Dist	3.89%
First Solar Inc	USD	Renewable Energy Equipment	3.28%
Hera SpA	EUR	Gas Utilities	4.24%
MasTec Inc	USD	Infrastructure Construction	3.87%
Meridian Energy Ltd	NZD	Power Generation	4.10%
Nexans SA	EUR	Electrical Components	3.79%
Northland Power Inc	CAD	Power Generation	2.93%
Ormat Technologies Inc	USD	Power Generation	3.61%
Orsted AS	DKK	Power Generation	2.80%
OX2 AB	SEK	Renewable Energy Project Dev	2.62%
Redeia Corp SA	EUR	Electric Transmission & Dist	3.78%
Scatec ASA	NOK	Power Generation	3.98%
Schneider Electric SE	EUR	Electrical Power Equipment	4.21%
Siemens Energy AG	EUR	Electrical Power Equipment	2.39%
Snam SpA	EUR	Gas Utilities	3.86%
SolarEdge Technologies Inc	USD	Renewable Energy Equipment	1.82%
Solaria Energia y Medio Ambien	EUR	Power Generation	3.88%
Terna - Rete Elettrica Nazionale	EUR	Electric Transmission & Dist	3.99%
Terna Energy SA	EUR	Power Generation	3.09%
Verbund AG	EUR	Power Generation	4.12%

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