



ewz solar power exchange – 15 years of experience.

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ewz - Facts and Figures.

Core Business	Production, transmission and distribution of electrical energy
Energy Production	4'386 GWh from own power plants and shareholdings (average over ten years)
Energy Supply	3'573 GWh (city of Zurich, the Grisons); number 2 in Switzerland
Personnel	1'080
Turnover 2010	CHF 732.7 Mio
Profit 2010	CHF 72.1 Mio

Power products. Overview.

100% solar power

ewz.solartop



Electricity from 100% ecological hydropower

ewz.wassertop



Electricity from 100% ecological sources

ewz.ökopower



Electricity from 100% renewable resources

ewz.naturpower



Electricity from conventional sources

ewz.mixpower

Solar Power - Strategy.

Goal: 10 GWh/a of solar power by 2018

Development path up to 2020:



Purchase of solar power from domestic photovoltaic power plants in the ewz.solarstrombörse (“ewz solar power exchange”)

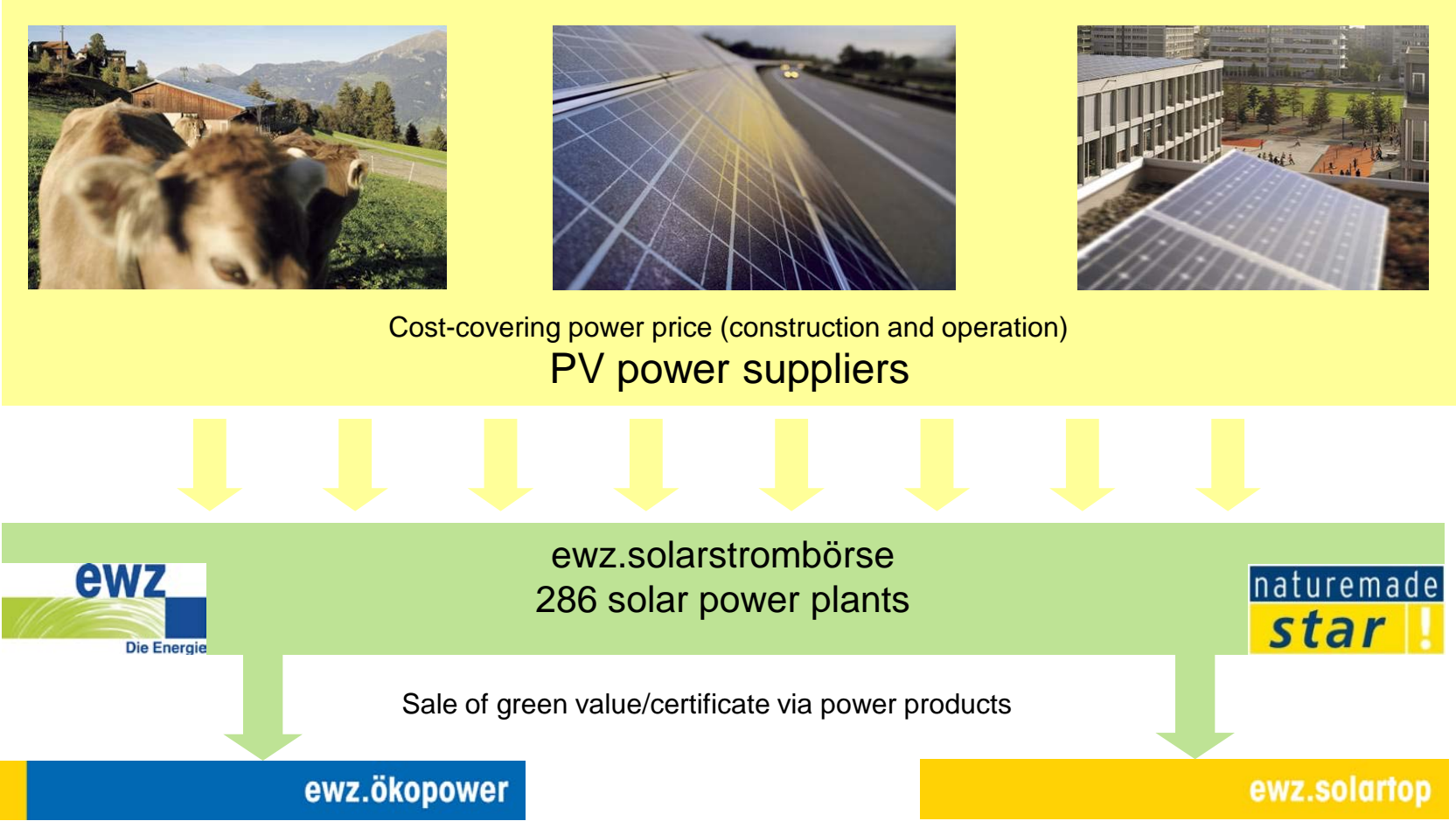


Investments in solar thermal power plants in Southern Europe



No investments in photovoltaic power plants outside Switzerland


ewz.solarstrombörse since 1997. (ewz “solar power exchange”).



ewz.solarstrombörse – Growth through open tender procedure.



- ewz calls for tender if additional solar power is needed
- Key Criteria:
 - New plants, not yet grid - connected
 - No use of public subsidies (KEV)
 - Capacity between 10 – 250 kWp
 - Certification acc. to Naturemade star
- Contractual term: 20 years



Selection of projects
according to price of energy,
size, location etc.

ewz.solarstrombörse and KEV - a comparison (I/II).

ewz.solarstrombörse

according to Art.7b, direct marketing of electricity

- Market based model
- Sale of energy and ecological benefit via products (voluntary)
- Admission of most efficient PV power plants
- Size independent acceptance of plants
- 20 year-supply contracts

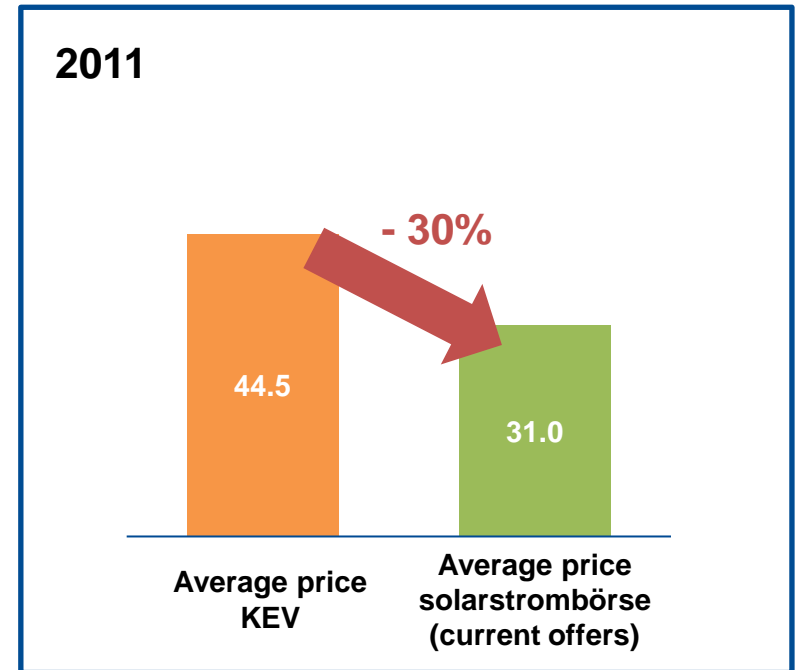
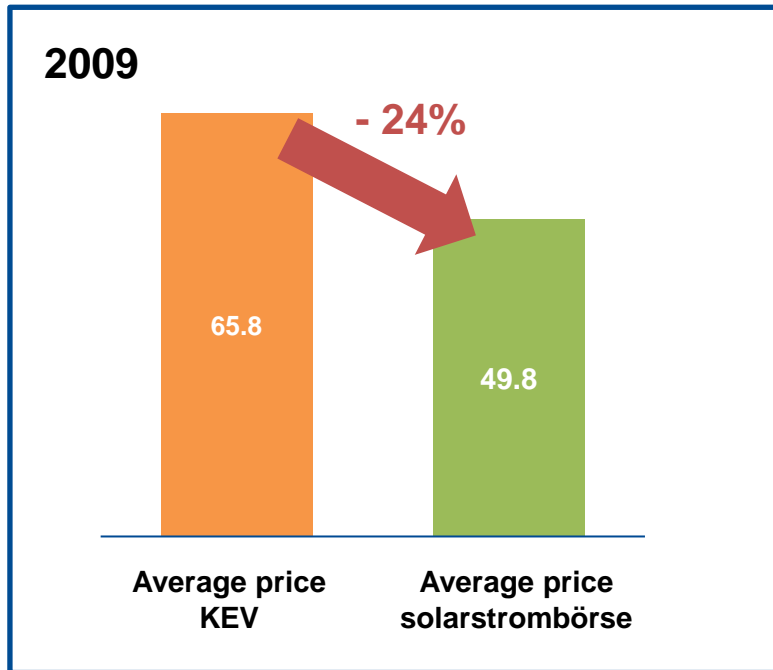


KEV

according to Art.7a, feed-in tariff system

- Fixed payment rates
- Payed by consumers due to surcharge on grid use
- No specific standards to be reached
- Prioritised acceptance of large PV power plants
- 25 year-supply contracts
- Redelivery of electricity to electricity companies

ewz.solarstrombörse and KEV - a comparison (II/II).



⇒ 20-30% lower prices in the market based model compared to the feed-in tariff system.

⇒ No subsidies needed for PV-plants within the ewz.solarstrombörse.

ewz.solarstrombörse - Status quo



- 286 solar power plants in 16 cantons of Switzerland
- Total capacity: 12.4 MWp
- Average size: 43.47 kWp
- Production: 11,8 GWh

Future growth - depending
on customer demand for
solar power

Thank you very much.



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