

# ewz (Deutschland) GmbH Annual Report 2022



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ewz (Deutschland) GmbH is a wholly owned subsidiary of ewz  
(Zurich Municipal Electric Utility)

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# Foreword by the Executive Board

## Summary of 2022

ewz (Deutschland) GmbH is a wholly owned subsidiary of Zurich Municipal Electric Utility. The long-term strategic objective of ewz (Deutschland) GmbH is to maintain companies that produce renewable energies with focus on the countries Germany, France, Norway and Sweden. With this, the ewz Deutschland Group\* is making a targeted contribution to the expansion of renewable energies and the phasing out of nuclear energy. It favours investments in sites with optimal availability of natural resources for the technology in question and where standards related to efficiency, climate and environmental impact and acceptance of the investment can best be fulfilled. Thus, the ewz Deutschland Group contributes actively to energy transition, climate and environment protection and achievement of the City of Zurich's net zero targets by 2040.

In the reporting year, production varied across the countries. In Germany, output was lower than forecasted due to poor wind conditions. Although, German wind farms profited from high market prices for electricity, which exploded towards the end of the third quarter in particular. Electricity market prices ended up higher than feed-in tariffs, and the remuneration of this added value in the direct marketing system resulted in substantial additional income. The Crussow wind farm, which offered poor prospects for repowering, was sold at attractive conditions.

The French portfolio was extended by the new wind farm Le Mont Duquenne which was built in collaboration with project developer Ostwind and commissioned in spring; further three wind farms are currently under construction. In the reporting year, the ewz Deutschland Group assumed sole control of all companies with the complete takeover of shares in the partnership. The operation of the existing wind farms proceeded as expected, albeit with lower power production than forecasted due to poor wind conditions. As the feed-in tariff system is structured differently in France, wind farms there were unable to benefit from high market prices for electricity, in contrast to their equivalents in Germany.

The wind farms in Sweden and Norway functioned smoothly, and power production was in line with budgets. Norway is currently reviewing the introduction of new taxes for wind farm companies. Initial drafts are expected in mid-2023.

The ewz Deutschland Group recorded a strong net profit in 2022. This serves as confirmation of its long-term strategy. Further expansion is expected to result in increased revenues and yields in the future.



  
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Hanspeter Rahm

  
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\* The ewz Deutschland Group includes ewz (Deutschland) GmbH and its subsidiaries.

# Activities of ewz (Deutschland) GmbH Overview

## Key figures (as at December 2022)

Affiliates	31
Installed capacity (ewz share)	344.5 MW
Capacity under construction (ewz share)	32.4 MW
Production (ewz share)	977.6 GWh

## ewz (Deutschland) GmbH wind energy production sites

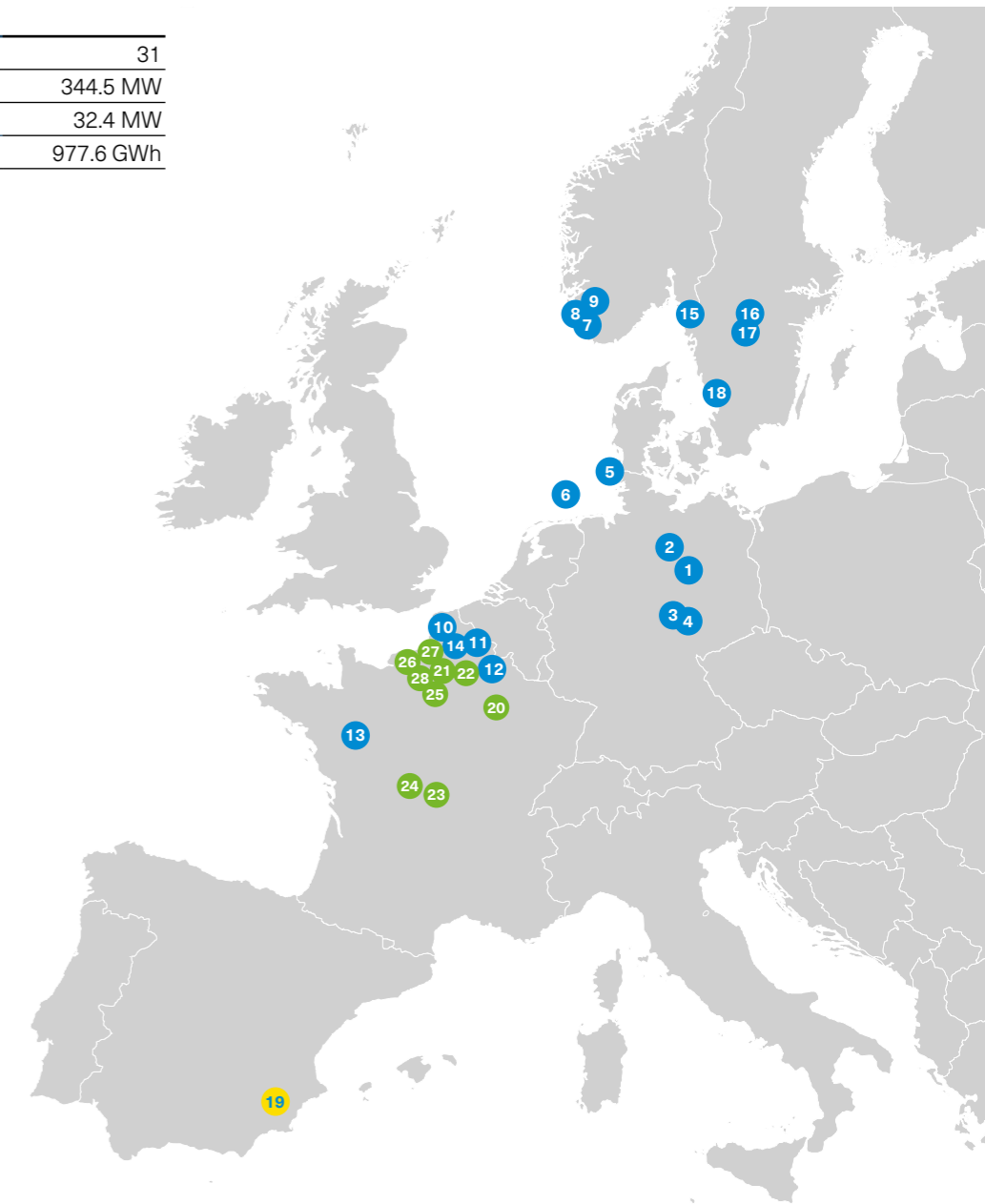
- 1 Schermen, wind onshore DE
- 2 Dörmte, wind onshore DE
- 3 Vogelsberg, wind onshore DE
- 4 Kleinbrembach, wind onshore DE
- 5 Butendiek, wind offshore DE
- 6 Borkum II, wind offshore DE
- 7 Høg-Jæren, wind onshore NO
- 8 Stigafjellet, wind onshore NO
- 9 Måkaknuten, wind onshore NO
- 10 Epinette, wind onshore FR
- 11 Graincourt, wind onshore FR
- 12 Autremencourt, wind onshore FR
- 13 Vihiersois, wind onshore FR
- 14 Le Mont Duquenne, wind onshore FR
- 15 Mungseröd, wind onshore SE
- 16 Ramsnäs, wind onshore SE
- 17 Skalleberg, wind onshore SE
- 18 Alered, wind onshore SE

## ewz (Deutschland) GmbH solar energy production sites

- 19 Puerto Errado 2, solar thermal ES

## Future production sites

- 20 Des Noues, wind onshore FR
- 21 Fontaine le Sec, wind onshore FR
- 22 Le Groseiller, wind onshore FR
- 23 Crèvecœur le Grand, wind onshore FR
- 24 Landes du Limousin, wind onshore FR
- 25 Mairy sur Marne, wind onshore FR
- 26 Mortemer, wind onshore FR
- 27 Oisemont, wind onshore FR
- 28 Sainte Beuve, wind onshore FR



Fontaine Le Sec wind farm, France, 2022

# Portfolio

## Brief description

### 1 Schermen wind farm, Saxony-Anhalt, Germany



The Schermen wind farm is located in the district of Jerichower Land, Saxony-Anhalt, 15 kilometres north-east of the city of Magdeburg. The wind farm benefits from varying wind strengths at different elevations, with up to 20 metres' difference between the individual wind power plants.

Capacity	16 MW
Turbines	8 Vestas V90; 2 MW
ewz share	100%
Commissioning	2007 (6) and 2009 (2)
Production	31 GWh

### 2 Dörmte wind farm, Lower Saxony, Germany



The Dörmte wind farm is located in the district of Uelzen, Lower Saxony, 70 kilometres south-east of Hamburg. The immediate vicinity of the wind farm consists of extensive arable farming land.

Capacity	16.5 MW
Turbines	11 REpower MD77; 1.5 MW
ewz share	100%
Commissioning	2006
Production	31 GWh

### 3 Vogelsberg wind farm, Thuringia, Germany



The Vogelsberg wind farm is located in the district of Sömmerda, Thuringia, 75 kilometres south-west of Leipzig. It sits atop a slight elevation and is surrounded by extensive grain fields. Only a high-voltage line and a local authority border separate the wind farms of Vogelsberg and Kleinbrenbach.

Capacity	6 MW
Turbines	3 Vestas V90; 2 MW
ewz share	100%
Commissioning	2009
Production	13 GWh

### 4 Kleinbrenbach wind farm, Thuringia, Germany



The Kleinbrenbach wind farm is located in the district of Sömmerda, Thuringia, 75 kilometres south-west of Leipzig. It is situated on an elevation in the midst of arable farming land directly adjacent to the Vogelsberg wind farm and cannot be seen from the village.

Capacity	10 MW
Turbines	5 Vestas V90; 2 MW
ewz share	100%
Commissioning	2006
Production	22 GWh

### 5 Butendiek wind farm, North Sea, Germany



The Butendiek offshore wind farm is located off the German coast of the North Sea, around 32 kilometres from the island of Sylt. Construction began in March 2014 and the first turbines started feeding electricity into the public grid just eleven months later, in February 2015. August 2015 saw the fastest completion of an offshore North Sea wind farm to date.

Capacity	288 MW
Turbines	80 Siemens SWT-3.6-120; 3.6 MW
ewz share	4.9%
Commissioning	2015
Production	1267 GWh

### 6 Borkum II wind farm, North Sea, Germany



The Trianel Borkum II offshore wind farm is located in Germany's North Sea territory, around 45 kilometres from the North Sea island of Borkum and some 65 kilometres from the German mainland. ewz acquired a 12.26% share in this construction-ready project in February 2017. The wind farm was commissioned in July 2020.

Capacity	202.6 MW
Turbines	32 Senvion 6.2M152; 6.33 MW
ewz share	12.26%
Commissioning	2020
Production	881 GWh

### 7 Høg-Jæren wind farm, Rogaland, Norway



Since mid-2011, 26 wind power plants have been in operation in the Høg-Jæren wind farm, with a further six added in late 2012. They are located south of the port city of Stavanger, one of the most productive domestic locations for wind energy. The Høg-Jæren wind farm was named 'Wind Warrior of the Year' in 2013 and 2014.

Capacity	73.6 MW
Turbines	32 Siemens SWT-2.3-93; 2.3 MW
ewz share	20%
Commissioning	2011 (26) and 2012 (6)
Production	235 GWh

### 8 Stigafjellet wind farm, Rogaland, Norway



The wind farm is located just 12 kilometres east of the Høg-Jæren wind farm, in which ewz has a 20% share, in the wind-rich Rogaland region of south-western Norway. The developer Eolus was also responsible for the construction of the wind farm, which was commissioned in September 2020.

Capacity	30.1 MW
Turbines	7 Siemens SWT-DD-130; 4.3 MW
ewz share	100%
Commissioning	2020
Production	117 GWh

### 9 Måkaknuten wind farm, Rogaland, Norway



The wind farm is located in the Rogaland region of south-western Norway. It is directly linked to the Stigafjellet wind farm and is located around 12 kilometres east of the Høg-Jæren wind farm in which ewz has had a stake since 2010. The wind farm was commissioned in late November 2020.

Capacity	94.6 MW
Turbines	22 Siemens SWT-DD-130; 4.3 MW
ewz share	100%
Commissioning	2020
Production	343 GWh

**10 Epinette wind farm, Hauts-de-France (formerly Nord-Pas-de-Calais), France**



This location near the coast, around 30 kilometres from the English Channel, boasts particularly good wind potential. ewz (Deutschland) GmbH acquired a share in the construction-ready wind farm in 2013. It is the first wind farm that ewz has operated as a builder, constructed after just one year, and through which ewz gained experience with gearless wind turbines.

Capacity	12 MW
Turbines	6 Enercon E-82; 2 MW
ewz share	100%
Commissioning	2014
Production	36 GWh

**11 Graincourt wind farm, Hauts-de-France, France**



The Graincourt wind farm is located in the Hauts-de-France region in north-eastern France, in the vicinity of the Epinette wind farm which has been operational since 2014. The ownership of the construction-ready project carried out by Nordex was transferred to ewz (Deutschland) GmbH in February 2018. Operation began in the first quarter of 2019.

Capacity	12 MW
Turbines	4 Nordex N117 R91; 3.0 MW
ewz share	100%
Commissioning	2019
Production	34 GWh

**12 Autremencourt wind farm, Hauts-de-France, France**



Like the Graincourt wind farm, the Autremencourt wind farm is located in the Hauts-de-France region of north-eastern France, relatively close to the Epinette wind farm. ewz acquired the construction-ready project from Nordex in December 2017. The wind farm was taken over in July 2019.

Capacity	14.4 MW
Turbines	6 Nordex N117 R91; 2.4 MW
ewz share	100%
Commissioning	2019
Production	39 GWh

**13 Vihierois wind farm, Pays de la Loire, France**



The Vihierois wind farm is located in the Pays de la Loire region of western France, around 80 kilometres east of Nantes. Construction work began in autumn 2017. ewz acquired the wind farm project from the developer Nordex in December 2017. It went into operation in October 2019.

Capacity	21.6 MW
Turbines	9 Nordex N117 R91; 2.4 MW
ewz share	100%
Commissioning	2019
Production	64 GWh

**14 Le Mont Duquenne wind farm, Hauts-de-France, France**



The Le Mont Duquenne wind farm is located in the Hauts-de-France region of north-eastern France. ewz has been operating the nearby Epinette wind farm since 2014 and the Graincourt wind farm since 2017. In 2020, ewz entered into a collaboration with developer Ostwind International S.A.S. Construction began in March 2021 and operations began in March 2022.

Capacity	12 MW
Turbines	4 Vestas V112; 3 MW
ewz share	100%
Commissioning	March 2022
Production	26 GWh

**Atlantic wind farm portfolio, southern Sweden**

The four wind farms of Mungseröd, Ramsnäs, Skalleberg, and Alered are located on elevations in forested regions (around 200 kilometres apart) and benefit from different wind regimes. ewz (Deutschland) GmbH acquired a 51% share in three of the four turnkey wind farms in January 2015, and the fourth, Skalleberg, in March 2015.



**15 Mungseröd wind farm**

Capacity	15.2 MW
Turbines	4 Vestas V100; 1.8 MW 4 Vestas V100; 2.0 MW
ewz share	51%
Commissioning	2014
Production	46 GWh

**16 Ramsnäs wind farm**

Capacity	13.4 MW
Turbines	1 Vestas V100; 1.45 MW 1 Vestas V100; 1.95 MW 5 Vestas V100; 2.0 MW
ewz share	51%
Commissioning	2014
Production	41.5 GWh

**17 Skalleberg wind farm**

Capacity	19.4 MW
Turbines	2 Vestas V90; 2.0 MW 3 Vestas V100; 1.8 MW 5 Vestas V100; 2.0 MW
ewz share	51%
Commissioning	2015
Production	59.5 GWh

**18 Alered wind farm**

Capacity	13.2 MW
Turbines	4 Vestas V112; 3.3 MW
ewz share	51%
Commissioning	2014
Production	34.7 GWh

**19 Puerto Errado 2, Calasparra, Spain**



Located in the sunny Spanish region of Murcia, the Puerto Errado 2 thermal solar power plant went into operation in 2012 and is based on Fresnel technology with direct evaporation. It was constructed under Swiss management. Along with two conventional power plant blocks, the facility encompasses a solar field with around 302 000 square metres of reflective surfaces.

Capacity	30 MW
Technology	Linear Fresnel collectors
ewz share	10%
Commissioning	2012
Production	45 GWh

# Financial Report 2022

## Positive Group result

### Future wind farm projects

ewz (Deutschland) GmbH entered into a strategic cooperation with Ostwind International S.A.S. for the development, construction and operation of 10 wind farm projects (which were divided into 16 project companies for planning approval purposes) with a total of 67 turbines, a planned nominal output of around 173 MW and expected power production of around 450 GWh (from the point at which all projects are commissioned, expected to be 2029). Ostwind is one of the most experienced development companies for wind farms in France and known to ewz since 2013. The Le Mont Duquenue wind farm was completed in March 2022. The commissioning of the Des Noues, Fontaine le Sec and Le Groseiller wind farms is scheduled for the first half of 2023.



Fontaine le Sec wind farm, France, 2022

### 20 Des Noues wind farm

Project company  
SEPE Des Noues S.A.S.

Capacity	15.4 MW
Turbines	7 Vestas V100; 2.2 MW
ewz share	100%
Commissioning	expected in 2023
Production	expected: 37 GWh

### 21 Fontaine le Sec wind farm

Project company  
SEPE Fontaine Le Sec S.A.S.

Capacity	6 MW
Turbines	2 Vestas V117; 3 MW
ewz share	100%
Commissioning	expected in 2023
Production	expected: 18 GWh

### 22 Le Groseiller wind farm

Project company  
SEPE Le Groseiller S.A.S.

Capacity	11 MW
Turbines	5 Vestas V110; 2.2 MW
ewz share	100%
Commissioning	expected in 2023
Production	expected: 33 GWh

### Income situation

Along with the availability of facilities, the income situation is largely dependent on weather conditions and as such dependent on the volume of electricity produced. In 2022, wind farms in France experienced below-average wind conditions, while production volumes for all other focus countries were largely in line with expectations.

In the past financial year, the holdings in 16 French companies increased from 50 or 70% to 100%. Within this portfolio, production at SEPE Le Mont Duquenue S.A.S. began in early 2022, with a further three companies under construction. The ewz Windpark Crussow GmbH, with an output of 6 MW, was sold in 2022.

The consolidated profit after minority interests of other shareholders amounted to TEUR 10915 (previous year: TEUR 2573). This result was TEUR 4300 better than forecasted. This positive development was driven by increased remuneration from the high electricity market prices achieved by the German wind farms, the unscheduled grid benefits in Norway and proceeds from the sale of one of the German wind farms. Revenues increased from TEUR 45174 in the previous year to TEUR 54626 in 2022. This is TEUR 2600 higher than forecasted, largely due to higher remuneration from the German wind farms. In 2022, the revenue shares per counties are: Germany TEUR 14126 (previous year: TEUR 9302), Sweden TEUR 10929 (previous year: TEUR 10869), France TEUR 14333 (previous year: TEUR 12327), Norway TEUR 15239 (previous year: TEUR 12676).

The cost of materials reduced to TEUR 9246 compared to TEUR 10415 in the previous year, mainly due to the positive grid costs (reimbursements) in Norway. As a result, the EBITDA increased to TEUR 47384 (previous year: TEUR 34963). The result was TEUR 8180 higher than forecasted. Depreciation and amortisation expenses increased to TEUR 26372 (previous year: TEUR 26075), which was mainly driven by the commissioning of the new wind farm in France.

Interest expenses increased in 2022 to reach TEUR 4765 (previous year: TEUR 4217). Within the ewz Deutschland Group, interest costs are not capitalised during construction of wind farms.

### Financial situation

The balance sheet total increased by TEUR 34212 to reach TEUR 499078 (previous year: TEUR 464866).

Non-current assets increased, largely due to construction activities in the new French wind farms. Technical plant and machinery, and advance payments for assets under construction increased from TEUR 319664 to TEUR 355157. Cash and cash equivalents rose to TEUR 22153 in 2022 (previous year: TEUR 13305).

On the liabilities side, provisions increased from TEUR 3914 to 6201, which largely represented tax provisions (TEUR 2142, previous year: TEUR 821). Provisions for dismantling were TEUR 3429 at year end (previous year: TEUR 2867). Other provisions also include levy amounts for German wind farms as stipulated by electricity pricing laws.

Loans and liabilities to banks increased from TEUR 224000 in the previous year to TEUR 244000. This includes TEUR 50000 taken out in loans and TEUR 30000 in loan repayments. Investments made in 2022 were predominantly covered by operational cash flow.

ewz Deutschland Group has set itself the goal of maintaining an equity capital ratio of at least 40%. As previously, the subordinated loans from ewz (Zurich Municipal Electric Utility) in the amount of TEUR 34000 (previous year: TEUR 31000) are defined as economic equity, and they are included when calculating the equity capital ratio. Subordinated loans of minority shareholdings of TEUR 12576 (previous year: TEUR 15674) are also included in the calculation of the equity capital ratio. These loans were granted in full as hedging for ewz Deutschland GmbH. The resulting equity ratio for 2022 is 44% (previous year: 46%) – in excess of 40% as forecasted.

Net debt decreased in the past financial year by TEUR 18014 to TEUR 231268.



# Profit and loss statement

## 2022

The KPI net debt/EBITDA improved to 4.9 years (previous year: 6.1 years). This was primarily driven by the higher EBITDA. In 2022, additional loans of TEUR 20 000 were taken out.

In its function as a holding company, ewz (Deutschland) GmbH is responsible for financial management within the ewz Deutschland Group. ewz (Deutschland) GmbH finances fully consolidated companies through loans and current accounts and ensures optimisation of financing while also guaranteeing sufficient liquidity reserves. There are cash pooling agreements with all fully consolidated wind farm companies.

In 2022, Zurich Municipal Electric Utility (CH) made no payments into the capital reserve of ewz (Deutschland) GmbH (previous year: TEUR 0). In addition, ewz (Deutschland) GmbH has an unused loan facility in the amount of TEUR 49 000 with the Zurich Municipal Electric Utility (CH).

Operating cash flow for 2022 amounted to TEUR 45 066 (previous year: TEUR 39 264). Cash flow from financing activities of TEUR –54 510 (previous year: TEUR –42 535) largely reflects the total buy-out of 16 companies of Ostwind International and the construction activities of three of the associated wind farms. Cash flow from financing activity of TEUR 18 293 (previous year: TEUR –1 315) primarily reflects the new loans.

The return on equity for 2022 increased to 5.1% (1.3% in 2021). This was primarily driven by the positive result.

Profit and loss statement*	2022	2021
	TEUR	TEUR
1. Revenues	54 626	45 174
2. Other operating income	3 167	351
3. Cost of materials		
a) Cost of purchased services	–9 246	–10 415
4. Depreciation and amortisation of intangible assets of fixed assets and property, plant and equipment	–26 372	–25 912
5. Other operating expenses	–1 617	–1 204
6. Income from affiliated companies	93	897
7. Earnings from investments	360	160
8. Earnings from loans of financial assets	622	671
9. Other interest and similar earnings	229	151
10. Depreciation and amortisation of financial assets	0	–163
11. Interest and similar expenses, of which from affiliated companies	–4 765 –617	–4 217 –372
12. Taxes on income and earnings	–3 884	–1 216
<b>13. Net income after taxes</b>	<b>13 215</b>	<b>4 278</b>
14. Other taxes	–1 950	–1 572
<b>15. Consolidated annual net profit</b>	<b>11 265</b>	<b>2 706</b>
16. Profit(–)/loss from non-controlling interests	–349	–133
<b>17. Consolidated net profit</b>	<b>10 915</b>	<b>2 573</b>

\* For technical reasons, the following tables (profit and loss statement, balance sheet and cash flow statement) may include rounding differences in the amount of +/- one unit (TEUR).

# Balance sheet 2022

Consolidated balance sheet*	31/12/2022	31/12/2021
	TEUR	TEUR
<b>A. Non-current assets</b>		
I. Intangible assets		
1. Paid concessions, industrial property rights and similar rights and values, as well as licences to such rights and assets	36817	39268
2. Goodwill	12125	10246
	48942	49514
II. Property, plant and equipment		
1. Land, land rights, and buildings including buildings on third-party land	919	864
2. Technical plant and machinery	293074	292918
3. Advance payments and assets under construction	62083	26747
	356076	320528
III. Financial assets		
1. Shares in affiliated companies	31176	34546
2. Other investments	7547	7557
3. Loans to companies related through investment	16342	23216
4. Other loans	618	684
	55684	66003
	<b>460702</b>	<b>436045</b>
<b>B. Current assets</b>		
I. Receivables and other assets		
1. Trade accounts receivable	8167	9,501
2. Receivables from companies related through investment	935	756
3. Other assets	6377	4451
	15479	14708
II. Cash on hand and cash at banks	22153	13305
	<b>37632</b>	<b>28012</b>
<b>C. Deferred income</b>	<b>744</b>	<b>809</b>
<b>ASSETS</b>	<b>499078</b>	<b>464866</b>

\* For technical reasons, the following tables (profit and loss statement, balance sheet and cash flow statement) may include rounding differences in the amount of +/- one unit (TEUR).

Consolidated balance sheet	31/12/2022	31/12/2021
	TEUR	TEUR
<b>A. Equity capital</b>		
I. Subscribed capital	25	25
II. Capital reserve	164313	164313
III. Loss carried forward	- 8735	- 11309
IV. Consolidated net profit	10915	2573
V. Non-controlling interests	6483	10036
	<b>173002</b>	<b>165639</b>
<b>B. Provisions</b>		
1. Tax provisions	2142	821
2. Other provisions	4059	3093
	<b>6201</b>	<b>3914</b>
<b>C. Liabilities</b>		
1. Loans	30000	30000
2. Liabilities to banks	214000	194000
3. Trade accounts payable	15282	7857
4. Liabilities to shareholders, <i>of which to non-controlling shareholders of subsidiaries</i>	46875	48136
	12875	17136
5. Other liabilities, <i>of which taxes</i>	3377	5441
	1186	1290
	<b>309534</b>	<b>285435</b>
<b>D. Deferred income</b>	<b>41</b>	<b>53</b>
<b>E. Deferred tax assets</b>	<b>10302</b>	<b>9826</b>
<b>LIABILITIES</b>	<b>499078</b>	<b>464866</b>

# Cash flow statement

## 2022

Consolidated cash flow statement from 1 January to 31 December 2022*		2022	2021
		TEUR	TEUR
1.	Period result (consolidated annual net profit including profit share of other shareholders)	11 265	2 706
2.	+/- Depreciation and amortisation/appreciation on non-current assets	26 372	26 075
3.	+/- Increase/decrease in provisions	1 236	363
4.	+/- Other non-cash expenses/earnings	1 877	-192
5.	-/+ Increase/decrease in inventories, trade accounts receivable as well as other assets not included under investment or financing activity	1 120	-5 131
6.	+/- Increase/decrease in trade accounts payable as well as other liabilities not included under investment or financing activity	-1 961	14 450
7.	+/- Interest expenses/income	3 913	3 394
8.	- Other investment income	-453	-1 057
9.	+/- Income tax expenses/income	3 884	1 216
10.	-/+ Income tax payments	-2 187	-2 559
<b>11.</b>	<b>= Operating cash flow</b>	<b>45 066</b>	<b>39 264</b>
12.	- Payments for investments in intangible assets	-343	-20 199
13.	+ Payments from disposals of property, plant and equipment	59	0
14.	- Payments for investments in property, plant and equipment	-47 635	-22 154
15.	+ Payments from disposals of financial assets	4 196	2 630
16.	- Payments for investments in financial assets	0	-3 103
17.	+ Payments from disposals from the scope of consolidation	2 463	0
18.	- Payments for additions to scope of consolidation	-13 846	132
19.	+ Interest received	235	0
20.	+ Dividends received	360	160
<b>21.</b>	<b>= Cash flow from investment activity</b>	<b>-54 510</b>	<b>-42 535</b>
22.	+ Payments from additions to equity capital from other shareholders	0	3 104
23.	+ Payments from issuance of bonds and raising of (financial) loans	53 000	63 700
24.	- Payments from proceeds of bonds and repayment of (financial) loans	-30 003	-63 700
25.	- Interest paid	-3 822	-3 341
26.	- Dividends paid to other shareholders	-882	-1 078
<b>27.</b>	<b>= Cash flow from investment activity</b>	<b>18 293</b>	<b>1 315</b>
28.	Net change in cash and cash equivalents	8 848	-4 587
29.	+ Cash and cash equivalents at beginning of period	13 305	17 892
<b>30.</b>	<b>= Cash and cash equivalents at end of period</b>	<b>22 153</b>	<b>13 305</b>

\* For technical reasons, the following tables (profit and loss statement, balance sheet and cash flow statement) may include rounding differences in the amount of +/- one unit (TEUR).



## General principles and statement

ewz Deutschland Group, with parent company ewz (Deutschland) GmbH, is located in 78467 Constance, and registered in the commercial register in Freiburg, Germany (HRB 706311).

With the balance sheet total and expected revenues from the 2022 financial year exceeding the threshold set out in section 293(1)(2) of the German Commercial Code (Handelsgesetzbuch, HGB), there is a statutory obligation to produce consolidated financial statements under the HGB from 2022 reporting onward.

Nonetheless, for reasons of transparency, ewz Deutschland Group has voluntarily prepared consolidated financial statements according to the provisions of the German Commercial Code (HGB) since 2018 reporting. The parent company of the largest and at the same time of the smallest scope of consolidation is ewz (Deutschland) GmbH, whose consolidated financial statements are submitted for publication to the operator of the Bundesanzeiger.

The consolidated balance sheet is structured in line with section 266 HGB. The consolidated profit and loss statement is structured using the total cost method in line with section 275(2) HGB.

The annual financial statements are prepared in Euros, with amounts shown in thousands of Euros (TEUR).

## Scope of consolidation

The consolidated financial statements are prepared as stipulated in section 290(1) HGB. For the consolidated financial statements, the following subsidiaries are included (directly or indirectly) in addition to the parent company ewz (Deutschland) GmbH in accordance with section 294(1) HGB:

### Shareholding of ewz (Deutschland) GmbH at 31/12/2022

Company	Takeover year	Location	Share in %	Consolidation
<b>Holding company</b>				
ewz (Deutschland) GmbH		Constance (DE)	n/a	n/a
<b>Fully consolidated companies</b>				
ewz Windpark Crussow GmbH	2008	Constance (DE)	100%	Deconsolidated in 2022
ewz Windpark Dörmte GmbH	2010	Constance (DE)	100%	Full consolidation
ewz Windpark Kleinbrembach GmbH	2010	Constance (DE)	100%	Full consolidation
ewz Windpark Schermen GmbH	2010	Constance (DE)	100%	Full consolidation
ewz Windpark Vogelsberg GmbH	2010	Constance (DE)	100%	Full consolidation
ewz parc éolien Epinette S.A.S.	2013	Schiltigheim (FR)	100%	Full consolidation
ewz parc éolien Autremencourt S.A.S.	2017	Schiltigheim (FR)	100%	Full consolidation
ewz parc éolien Vihiersois S.A.S.	2017	Schiltigheim (FR)	100%	Full consolidation
ewz parc éolien Graincourt S.A.S.	2018	Schiltigheim (FR)	100%	Full consolidation
SEPE Le Mont Duquenue S.A.S. <sup>3</sup>	2020	Schiltigheim (FR)	100%	Full consolidation
SEPE Le Groseiller S.A.S. <sup>3</sup>	2020	Schiltigheim (FR)	100%	Full consolidation
SEPE Fontaine le Sec S.A.S. <sup>3</sup>	2020	Schiltigheim (FR)	100%	Full consolidation
SEPE Des Noues S.A.S. <sup>3</sup>	2020	Schiltigheim (FR)	100%	Full consolidation
ewz Stigafjellet Vind AS	2018	Oslo (NO)	100%	Full consolidation
ewz Måkaknuten Vind AS	2019	Stavanger (NO)	100%	Full consolidation
ewz Atlantic Sverige AB	2015	Malmö (SE)	51%	Full consolidation
<b>Project development companies<sup>3</sup></b> (expected execution between 2025 and 2029)				
SEPE La Garenne S.A.S.	2020	Schiltigheim (FR)	100%	Full consolidation
SEPE Le Coqliamont S.A.S.	2020	Schiltigheim (FR)	100%	Full consolidation
SEPE Les Beaux Voisins S.A.S.	2020	Schiltigheim (FR)	100%	Full consolidation
SEPE Les Haillis S.A.S.	2020	Schiltigheim (FR)	100%	Full consolidation
SEPE La Longe S.A.S.	2020	Schiltigheim (FR)	100%	Full consolidation
SEPE Landes des Verrines S.A.S.	2020	Schiltigheim (FR)	100%	Full consolidation
SEPE La Côte Ronde S.A.S.	2020	Schiltigheim (FR)	100%	Full consolidation
SEPE Les Trente Journées S.A.S.	2020	Schiltigheim (FR)	100%	Full consolidation
SEPE Les Havettes S.A.S.	2020	Schiltigheim (FR)	100%	Full consolidation
SEPE Les Mottes S.A.S.	2020	Schiltigheim (FR)	100%	Full consolidation
SEPE Mortemer S.A.S.	2020	Schiltigheim (FR)	100%	Full consolidation
SEPE Sainte Beuve S.A.S.	2020	Schiltigheim (FR)	100%	Full consolidation
<b>Affiliated companies</b>				
ewz Offshore Borkum GmbH <sup>1</sup>	2017	Constance (DE)	50.008%	At equity
<b>Minority shareholdings</b>				
wpd Butendiek Beteiligungs GmbH <sup>2</sup>	2013	Bremen (DE)	49%	Acquisition value principle
Jæren Energi AS	2010	Stavanger (NO)	20%	Acquisition value principle
Tubo Sol Puerto Errado 2 S.L.	2011	Calasparra (ES)	10%	Acquisition value principle

<sup>1</sup> Offshore Borkum GmbH has a 24.51% share in Trianel Windkraftwerk Borkum II GmbH & Co. KG.

<sup>2</sup> wpd Butendiek Beteiligungs GmbH has a 10% share in OWP Butendiek GmbH & Co. KG.

<sup>3</sup> Former cooperation companies with Ostwind International S.A.S.

In 2022, the investment stake in all 16 companies in cooperation with Ostwind was increased to 100%. Shareholdings increased from 50% to 100% for 13 project development companies; as such, these companies were consolidated for the first time in the year under review. For three companies from the cooperation, shareholdings were increased from 70% to 100%. In 2022, construction of turbines began at the SEPE Des Noues S.A.S. wind farm. The farm will begin producing electricity in 2023.

As of 1 January 2022, ewz Windpark Crussow GmbH was sold and deconsolidated for 2022.

ewz Offshore Borkum GmbH was first incorporated into the consolidated accounts as an affiliated company on 31 December 2017. In line with the consolidation option provided for by sections 296(1)(1) and (3) HGB, and in light of significant, long-term restriction of the rights of ewz (Deutschland) GmbH, it chose not to incorporate the company into the consolidated financial statements. This significant, long-term restriction exists in the articles of association, under which the business policy of the company can only be decided upon jointly.

In 2022, ewz Offshore Borkum GmbH was recognised in the consolidated financial statements with the following balance sheet and profit and loss statement. The financial statements for the company are prepared according to the provisions of commercial law and recorded within the Group. There is no goodwill acquired through payment.

<b>ewz Offshore Borkum GmbH</b>	
<b>Balance sheet</b>	<b>2022</b>
	<b>TEUR</b>
Non-current assets	69 816
Current assets	4 669
<b>Total assets</b>	<b>74 485</b>
Equity capital	62 342
<i>of which annual profit</i>	<i>187</i>
Provisions	10
Liabilities	10 303
Deferred tax assets	1 830
<b>Total liabilities</b>	<b>74 485</b>

<b>Profit and loss statement</b>	<b>2022</b>
	<b>TEUR</b>
Cost of materials	- 34
Other operating expenses	- 15
Amortisations on financial investments	- 1 593
Other interest and similar earnings,	2 670
<i>of which to companies</i>	
<i>related through investment</i>	<i>2 670</i>
Other operating expenses	- 502
Taxes on income and earnings	- 340
<b>Annual profit</b>	<b>187</b>

### Consolidation principles

The assets and debts of the companies included in the consolidated financial statements were recognised according to Group-wide uniform accounting and valuation methods. The consolidated financial statements were prepared from a summary of the annual financial statements of all companies concerned. For purchases after 31 December 2009, capital consolidation was carried out according to the revaluation method (section 301(1)(2) HGB). In applying the revaluation method, the carrying amount of the capital to be consolidated is determined by the fair value of the subsidiary's balance sheet items at the time of their initial inclusion in the consolidated financial statements.

The investment is offset against the pro rata equity capital of the subsidiary in proportion with the parent company's share in the subsidiary. Hidden reserves are disclosed. Any remaining asset difference from capital consolidation is capitalised in the form of goodwill. Minority interests in equity capital are recognised in an adjustment item for holdings of external shareholders (under 'Non-controlling interests') within consolidated equity capital. In the context of debt consolidation, all receivables and liabilities between the companies included in the consolidated financial statements were offset against each other in accordance with section 303(1) HGB.

All revenues and other income and expenses between the companies included in the consolidated financial statements were eliminated by expense and income consolidation in accordance with section 305(1) HGB. Affiliated companies were accounted for by applying the book value method in accordance with section 312(1) HGB.

### Accounting and valuation

All annual financial statements included in the consolidated financial statements were prepared in TEUR as of 31 December 2022. The accounting and valuation were carried out in accordance with section 297 et seq. HGB, applying the provisions of the HGB applicable to stock corporations.

The accounting and valuation methods are largely unchanged from the previous year. The following accounting and valuation methods were decisive for the preparation of the consolidated financial statements. Purchased **intangible assets** are entered in the balance sheet at acquisition cost and reclassified according to their probable useful life and reduced by scheduled depreciation according to the straight-line method. Useful life of 15 to 20 years is assumed. The **goodwill** arising from capital consolidation was calculated and capitalised using the revaluation method. As goodwill divides the fate of intangible assets and property, plant and equipment, scheduled straight-line depreciation is based on the respective useful life of 15 to 20 years. **Property, plant and equipment** is recognised at acquisition or production cost and is subject to scheduled amortisation. The normal useful lives are taken as follows:

<b>Useful life of property, plant and equipment</b>	
Wind power plants (installed before 2009)	16 years
Wind power plants (installed 2010 and later)	20 years
Tools, furnishings, fittings	5 years

Interest on external capital is not included in manufacturing costs.

**Investments in affiliated companies** are valued using the equity method according to the pro rata equity capital in the affiliated company. Equity capital of the affiliated company is increased by its annual profit and reduced by profit distributions. **Investments** are accounted for at acquisition cost. **Loans to companies that are related through investment** include long-term interest-bearing loans and receivables that are accounted for at their acquisition costs or their fair value. **Other loans** are generally stated at nominal value. **Unscheduled depreciation and amortisation** is carried out on non-current assets if permanent impairments are expected. Appreciation due to the requirement to reinstate original values is carried out up to the acquisition cost or amortised acquisition cost if the grounds for permanent impairment no longer apply. **Liabilities and other assets** are stated at nominal value.

**Cash and cash equivalents** are stated at nominal value. Expenses recorded under **deferred charges** were recognised in the amount of the prepayment. **Subscribed capital** is stated at nominal value.

**Provisions** (tax provisions and other provisions) take into account all foreseeable risks and contingent liabilities based on prudent commercial assessment with the required settlement amount. For provisions with a remaining term of more than one year, price and cost increases are taken into account and discounted to the balance sheet date. The discount rates used are the average market interest rates for the past seven financial years corresponding to the residual terms of the provisions, as published monthly by the Bundesbank. Expenses and income from the compounding or discounting of provisions are recorded under 'Interest and similar expenses' or 'Other interest and similar earnings', as appropriate. Obligations that arise in an economic sense from current operations are accrued pro rata temporis in equal instalments.

**Liabilities** are posted at the settlement amount. Income recorded under **deferred income** is recognised in the amount of the prepayment.

**Deferred taxes** are calculated on the basis of temporary differences between the commercial value of assets, debts and deferred income and their tax valuations on the basis of tax losses carried forward or tax interest carried forward. The amount of the resulting tax burden or relief is valued according to company-specific tax rates. Deferred tax assets and liabilities are determined for the individual companies of the ewz Deutschland Group. Should there be a net deferred tax asset at the individual financial statement level, the option to recognise it provided for in section 274(1)(2) HGB in association with section 306 HGB is waived and there is no capitalisation.



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