

# Windkraft in Europa

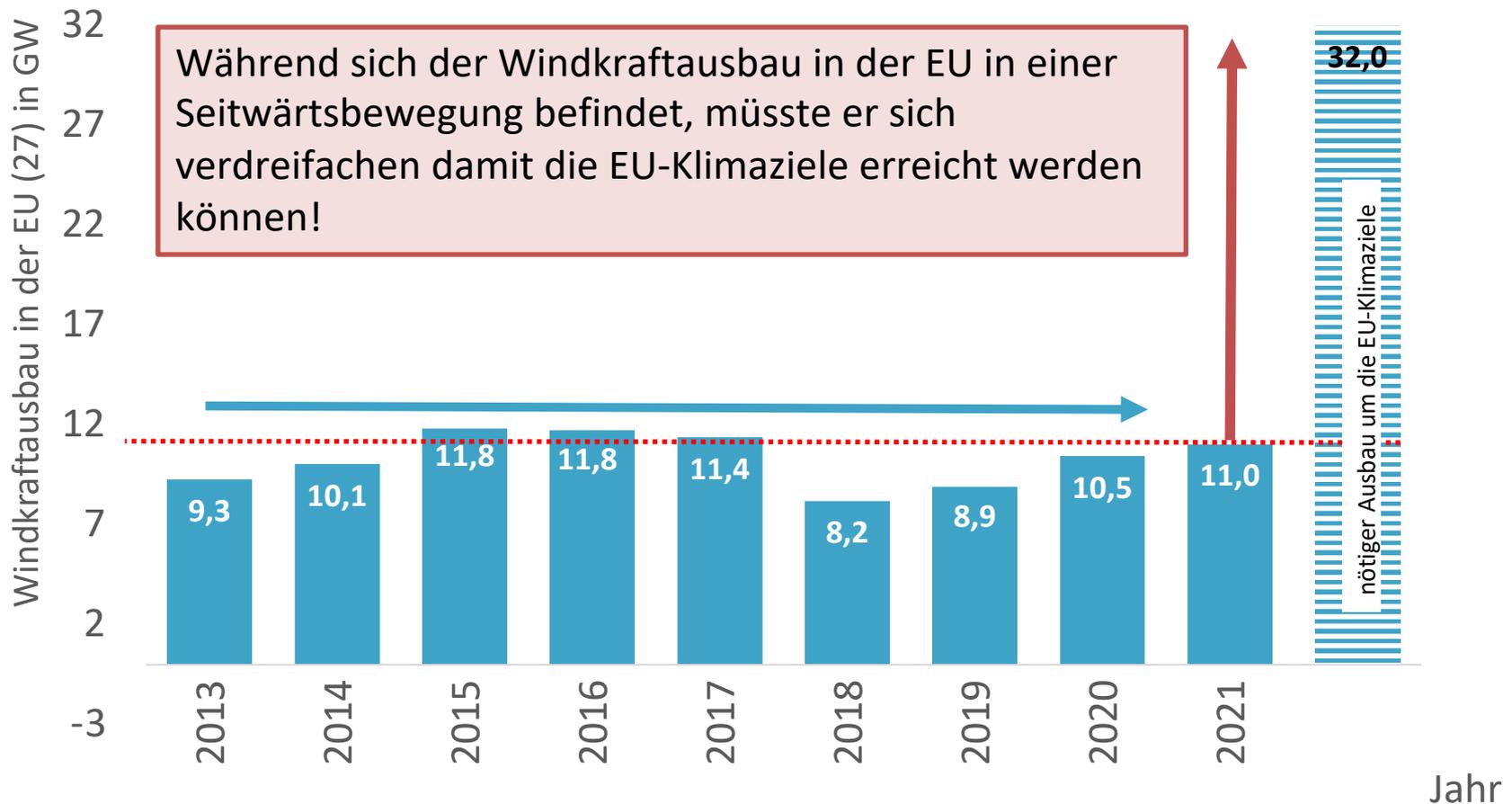
Ende 2021



[www.igwindkraft.at](http://www.igwindkraft.at)

# Windkraftausbau in der EU 27

## 2013 bis 2021



# Ausbau der Windkraft in der EU 27

New installations and cumulative capacity in 2021<sup>5</sup>

EU-27 (MW)	NEW INSTALLATIONS 2021			CUMULATIVE CAPACITY			SHARE OF WIND IN 2021		
	ONSHORE	OFFSHORE	TOTAL	ONSHORE	OFFSHORE	TOTAL	ONSHORE	OFFSHORE	TOTAL
Austria	298	-	298	3,300	-	3,300	11%	-	11%
Belgium	305	-	305	2,741	2,261	5,002	5%	8%	13%
Bulgaria	2	-	2	707	-	707	4%	0%	4%
Croatia	187	-	187	990	-	990	11%	0%	11%
Cyprus	-	-	-	158	-	158	6%	0%	6%
Czechia	-	-	-	337	-	337	1%	-	1%
Denmark	149	605	754	4,870	2,308	7,178	24%	19%	44%
Estonia	-	-	-	320	-	320	9%	0%	9%
Finland	671	-	671	3,257	71	3,328	9%	0%	9%
France	1,192	-	1,192	19,079	2	19,081	8%	0%	8%
Germany	1,925	-	1,925	56,130	7,713	63,843	18%	5%	23%
Greece	338	-	338	4,452	-	4,452	18%	0%	18%
Hungary	-	-	-	329	-	329	1%	-	1%
Ireland <sup>6</sup>	54	-	54	4,380	25	4,405	31%	0%	31%
Italy <sup>7</sup>	201	-	201	11,108	-	11,108	7%	0%	7%
Latvia	-	-	-	66	-	66	2%	0%	2%
Lithuania	120	-	120	668	-	668	10%	0%	10%
Luxembourg	4	-	4	168	-	168	-	-	-
Malta	-	-	-	-	-	-	0%	0%	0%
Netherlands	952	392	1,344	5,179	2,986	8,165	8%	7%	15%
Poland	660	-	660	6,347	-	6,347	9%	0%	9%
Portugal	126	-	126	5,587	25	5,612	26%	0%	26%
Romania	-	-	-	3,029	-	3,029	11%	0%	11%
Slovakia	-	-	-	3	-	3	0%	-	0%
Slovenia	-	-	-	3	-	3	0%	0%	0%
Spain <sup>8</sup>	759	-	759	28,191	5	28,196	24%	0%	24%
Sweden	2,104	-	2,104	11,905	192	12,097	19%	0%	19%
<b>Total EU-27</b>	<b>10,047</b>	<b>997</b>	<b>11,044</b>	<b>173,304</b>	<b>15,588</b>	<b>188,892</b>	<b>12%</b>	<b>2%</b>	<b>14%</b>

## EUROPEAN WIND ENERGY GENERATION | 2021

**15%**

of Europe's electricity demand

44% 31% 26% 24% 23% 22% 19%



Highest wind energy shares

ONSHORE

**207 GW**

onshore wind capacity

OFFSHORE

**28 GW**

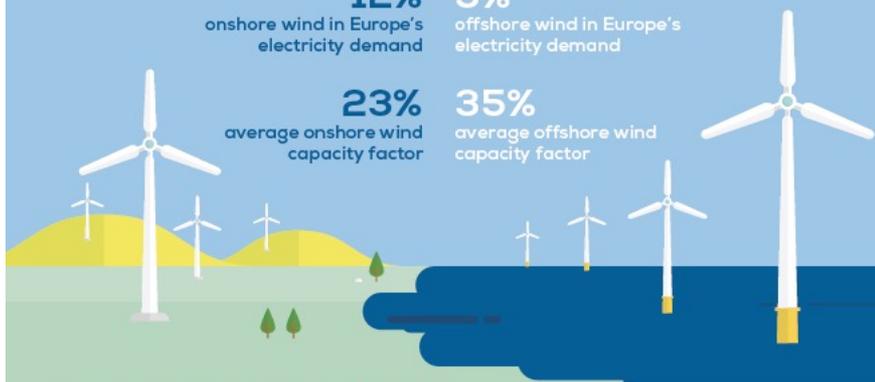
offshore wind capacity

**12%**  
onshore wind in Europe's  
electricity demand

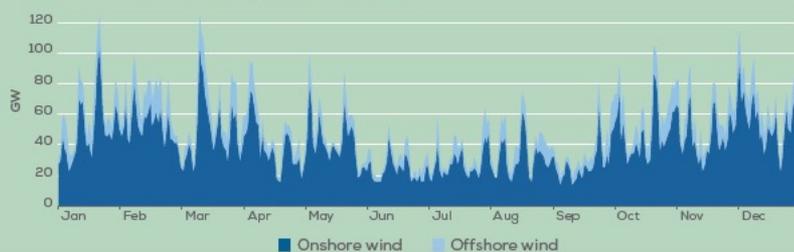
**3%**  
offshore wind in Europe's  
electricity demand

**23%**  
average onshore wind  
capacity factor

**35%**  
average offshore wind  
capacity factor



European wind energy generation in 2021



Data refers to EU Member States and the UK.

# IG Windkraft

Austrian Wind Energy Association

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## **Rückfragehinweis**

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[www.igwindkraft.at](http://www.igwindkraft.at)  
[www.windfakten.at](http://www.windfakten.at)

   [/igwindkraft](https://www.instagram.com/igwindkraft)

**IG WINDKRAFT**   
Austrian Wind Energy Association

gegründet 1993

Interessenverband der gesamten Branche  
rund 2.000 Mitglieder

>95 % der Windkraftleistung

Mitglied beim Bundesverband  
Erneuerbare Energie Österreich und bei  
den europäischen Dachverbänden EREF  
und WindEurope