

**From:** Αθηνες <athens@mfa.kz>

**Subject:** Έργα για την κατασκευή ανανεώσιμων πηγών ενέργειας στην Δημοκρατία του Καζακστάν

Αξιότιμοι κύριοι,

Ο καζακστανικός φορέας της αγοράς ηλεκτρικής ενέργειας ισχύος προσκαλεί ελληνικές εταιρείες να συμμετάσχουν σε δημοπρατήσεις για την κατασκευή εγκαταστάσεων ανανεώσιμων πηγών ενέργειας. Πληροφορίες στα συνημμένα.

Σε ξένους επενδυτές που σχεδιάζουν να υλοποιήσουν έργα για την κατασκευή ανανεώσιμων πηγών ενέργειας παρέχονται όλα τα μέτρα κρατικής υποστήριξης που προβλέπονται από τη νομοθεσία του Καζακστάν.

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Με εκτίμηση,

Embassy of the Republic of Kazakhstan in the Hellenic Republic

Appendix to  
the order of the  
Minister of Energy of the  
Republic of Kazakhstan dated  
«07» March 2024  
No.105

**1. Auction schedule**

Trading date	The time of the auction (according to the time of the Astana city)	The period of acceptance of documents for inclusion in the register of auction participants	The EEC zone	Type of RES	The volume of purchased installed capacity, MW		The value of the maximum auction price, tg/kWh	The required date of commissioning, the term of the contract	Financial support of the application for participation in the auction based on 1 kW of installed capacity of the project	Financial support for the fulfillment of the terms of the purchase agreement based on 1 kW of installed capacity of the project	Availability of documentation (available/missing)
					small from 0.1 to 10 MW inclusive (for WPPs from 0.75 MW)	large over 10 MW					
June 10, 2024	From 2pm	22.04.2024-31.05.2024	All zones, except for the Tentek river	HPP	20		41,23	60 months from the date of conclusion of the contract / 20 years	2 000 tenge/kW	10 000 tenge/kW	absent

## 2. Auction schedule

Trading date	The time of the auction (according to the time of the Astana city)	The period of acceptance of documents for inclusion in the register of auction participants	The EEC zone	Type of RES	The volume of purchased installed capacity, MW		The value of the maximum auction price, tg/kWh	The required date of commissioning, the term of the contract	Financial support of the application for participation in the auction based on 1 kW of installed capacity of the project	Financial support for the fulfillment of the terms of the purchase agreement based on 1 kW of installed capacity of the project	Availability of document ation (available /missing)
					small from 0.1 to 10 MW inclusive (for WPPs from 0.75 MW)	large over 10 MW					
11 June, 2024	From 2pm	22.04.2024-31.05.2024	All zones, except for the Tentek river	HPP	20		41,23	60 months from the date of conclusion of the contract/ 20 years	2 000 tenge/kW	10 000 tenge/kW	absent

### 3. Auction schedule

Trading date	The time of the auction (according to the time of the Astana city)	The period of acceptance of documents for inclusion in the register of auction participants	The EEC zone	Type of RES	The volume of purchased installed capacity, MW		The value of the maximum auction price, tg/kWh	The required date of commissioning, the term of the contract	Financial support of the application for participation in the auction based on 1 kW of installed capacity of the project	Financial support for the fulfillment of the terms of the purchase agreement based on 1 kW of installed capacity of the project	Availability of documentation (available/missing)
					small from 0.1 to 10 MW inclusive (for WPPs from 0.75 MW)	large over 10 MW					
12 June, 2024	From 2pm	22.04.2024-31.05.2024	All zones, except for the Tentek river	HPP	10		41,23	60 months from the date of conclusion of the contract/ 20 years	2 000 tenge/kW	10 000 tenge/kW	absent

#### 4. Auction schedule

Trading date	The time of the auction (according to the time of the Astana city)	The period of acceptance of documents for inclusion in the register of auction participants	The EEC zone	Type of RES	The volume of purchased installed capacity, MW		The value of the maximum auction price, tg/kWh	The required date of commissioning, the term of the contract	Financial support of the application for participation in the auction based on 1 kW of installed capacity of the project	Financial support for the fulfillment of the terms of the purchase agreement based on 1 kW of installed capacity of the project	Availability of documentation (available/missing)
					small from 0.1 to 10 MW inclusive (for WPPs from 0.75 MW)	large over 10 MW					
13 June, 2024	From 2pm	22.04.2024-31.05.2024	The Northern zone	WPP		100	22,68	36 months from the date of conclusion of the contract/ 20 years	2 000 tenge/kW	10 000 tenge/kW	absent

**Table 1 with information on reserved land plots for planned construction of facilities for the use of renewable energy sources:**

№	Area	District	Locality	Land area, hectare	Land category
1	Aktobe	Mugalzhir	Zhem city	250 ha	48.754823 58.108441 (the area around this land plot)

**Table 2 with information on the possibility of connecting to points of electric networks of energy transmission organizations, indicating restrictions on the connected capacity and the number of new connections:**

Energy transmission organization	Area	District	PTL	Substation	The limit on the connected power (the maximum allowable amount of installed capacity), MW	Limit on the number of new connections (connections)
			Name, coordinates	Tires		
JSC «KEGOC»	Aktobe	-	Ulke	220 kW	100	1

### 5. Auction schedule

Trading date	The time of the auction (according to the time of the Astana city)	The period of acceptance of documents for inclusion in the register of auction participants	The EEC zone	Type of RES	The volume of purchased installed capacity, MW		The value of the maximum auction price, tg/kWh	The required date of commissioning, the term of the contract	Financial support of the application for participation in the auction based on 1 kW of installed capacity of the project	Financial support for the fulfillment of the terms of the purchase agreement based on 1 kW of installed capacity of the project	Наличие Availability of documentation (available/missing)
					small from 0.1 to 10 MW inclusive (for WPPs from 0.75 MW)	large over 10 MW					
14 June, 2024	From 2pm	22.04.2024-31.05.2024	The Northern zone	WPP		200	22,68	36 months from the date of conclusion of the contract/ 20 years	2 000 tenge/kW	10 000 tenge/kW	absent

**Table 1 with information on reserved land plots for planned construction of renewable energy facilities:**

№	Area	District	Locality	Land area, hectare	Land category
1	Kostanay	Kostanay	Zhdanovsky village	2237 ha	12-183-105-184

**Table 2 with information on the possibility of connecting to points of electric networks of energy transmission organizations, indicating restrictions on the connected capacity and the number of new connections:**

Energy transmission organization	Area	District	PTL	Substation	The limit on the connected power (the maximum allowable amount of installed capacity), MW	Limit on the number of new connections (connections)
			Name, coordinates	Tires		
JSC «KEGOC»	Kostanay	-	Kostanay 1150	220 kW	200	1



## 6. Auction schedule

Trading date	The time of the auction (according to the time of the Astana city)	The period of acceptance of documents for inclusion in the register of auction participants	The EEC zone	Type of RES	The volume of purchased installed capacity, MW		The value of the maximum auction price, tg/kWh	The required date of commissioning, the term of the contract	Financial support of the application for participation in the auction based on 1 kW of installed capacity of the project	Financial support for the fulfillment of the terms of the purchase agreement based on 1 kW of installed capacity of the project	Availability of documentation (available/missing)
					small from 0.1 to 10 MW inclusive (for WPPs from 0.75 MW)	large over 10 MW					
17 June, 2024	From 2pm	22.04.2024-31.05.2024	The Northern zone	WPP		100	22,68	36 months from the date of conclusion of the contract/ 20 years	2 000 tenge/kW	10 000 tenge/kW	absent

**Table 1 with information on reserved land plots for planned construction of renewable energy facilities:**

№	Area	District	Locality	Land area, hectare	Land category
1	Abay	Жанасемей	Приречный с/о	500 га	50.098340 80.407734
			Semey, Semey-Ust-Kamenogorsk highway	237 ha	50°20 21" 80° 19'12" 50°20 11" 80° 20'20" 50°19 48" 80° 21'7" 50°19 17" 80° 20'29" 50°19 57" 80° 19'13"

**Table 2 with information on the possibility of connecting to points of electric networks of energy transmission organizations, indicating restrictions on the connected capacity and the number of new connections:**

Energy transmission organization	Area	District	PTL	Substation	The limit on the connected power (the maximum allowable amount of installed capacity), MW	Limit on the number of new connections (connections)
			Name, coordinates	Tires		
JSC «KEGOC»	Abay		Semey	220	100	2

## 7. Auction schedule

Trading date	The time of the auction (according to the time of the Astana city)	The period of acceptance of documents for inclusion in the register of auction participants	The EEC zone	Type of RES	The volume of purchased installed capacity, MW		The value of the maximum auction price, tg/kWh	The required date of commissioning, the term of the contract	Financial support of the application for participation in the auction based on 1 kW of installed capacity of the project	Financial support for the fulfillment of the terms of the purchase agreement based on 1 kW of installed capacity of the project	Availability of documentation (available/missing)
					small from 0.1 to 10 MW inclusive (for WPPs from 0.75 MW)	large over 10 MW					
23 September, 2024	From 2pm	05.08.2024-13.09.2024	The southern zone	SPP		100	34,61	24 months from the date of conclusion of the contract / 20 years	2 000 tenge/kW	10 000 tenge/kW	absent

**Table 1 with information on reserved land plots for planned construction of renewable energy facilities:**

№	Area	District	Locality	Land area, hectare	Land category
1	Almaty	Ili	Konayev city	200 ha	77.09274472660809 43.916188968964576
					77.09274472660809 43.916188968964576
					77.08255209214212 43.913164466252596
					77.07338928343717 43.912422583620355
					77.06657658993413 43.91413460650941
					77.06092575113826 43.91780577842917
					77.06311743160649 43.91942254396258
					77.06670861887824 43.91921331795629
					77.07198977663359 43.91793892548594
					77.07756139806463 43.92604413141493
					77.08115258533644 43.92491921816966
					77.07888168750355 43.922732021102405
					77.08004354220856 43.922161434729844
					77.08310661370604 43.92398729185987
					77.08799168462917 43.921134365467395
77.09080023456274 43.91807207224477					

**Table 2 with information on the possibility of connecting to points of electric networks of energy transmission organizations, indicating restrictions on the connected capacity and the number of new connections:**

Energy transmission organization	Area	District	PTL	Substation	The limit on the connected power (the maximum allowable amount of installed capacity), MW	The limit on the connected power (the maximum allowable amount of installed capacity), MW
			Name, coordinates	Tires		
JSC «Alatau Zharyk Company»	Almaty	Ili		PS-143A Robot	100	1

**8. Auction schedule**

Trading date	The time of the auction (according to the time of the Astana city)	The period of acceptance of documents for inclusion in the register of auction participants	The EEC zone	Type of RES	The volume of purchased installed capacity, MW		The value of the maximum auction price, tg/kWh	The required date of commissioning, the term of the contract	Financial support of the application for participation in the auction based on 1 kW of installed capacity of the project	Financial support for the fulfillment of the terms of the purchase agreement based on 1 kW of installed capacity of the project	Availability of documentation (available/missing)
					small from 0.1 to 10 MW inclusive (for WPPs from 0.75 MW)	large over 10 MW					
24 September, 2024	From 2pm	05.08.2024-13.09.2024	The southern zone	SPP		20	34,61	24 months from the date of conclusion of the contract / 20 years	2 000 tenge/kW	10 000 tenge/kW	absent

**Table 1 with information on reserved land plots for planned construction of renewable energy facilities:**

№	Area	District	Locality	Land area, hectare	Land category
1	Zhetisu	Panfilov	Zharkent city	150 ha	44.28039N 80.04229 E 44.28018N 80.06101E 44.27042N 80.04310E 44.27032N 80.05828E

**Table 2 with information on the possibility of connecting to points of electric networks of energy transmission organizations, indicating restrictions on the connected capacity and the number of new connections:**

Energy transmission organization	Area	District	PTL	Substation	The limit on the connected power (the maximum allowable amount of installed capacity), MW	The limit on the connected power (the maximum allowable amount of installed capacity), MW
			Name, coordinates	Tires		
JSC «TJTEGC»	Zhetisu	Zharkent	175	134,133 kW	20	1

### 9. Auction schedule

Trading date	The time of the auction (according to the time of the Astana city)	The period of acceptance of documents for inclusion in the register of auction participants	The EEC zone	Type of RES	The volume of purchased installed capacity, MW		The value of the maximum auction price, tg/kWh	The required date of commissioning, the term of the contract	Financial support of the application for participation in the auction based on 1 kW of installed capacity of the project	Financial support for the fulfillment of the terms of the purchase agreement based on 1 kW of installed capacity of the project	Availability of documentation (available/missing)
					small from 0.1 to 10 MW inclusive (for WPPs from 0.75 MW)	large over 10 MW					
25 September, 2024	From 2pm	05.08.2024-13.09.2024	The southern zone	SPP		20	34,61	24 months from the date of conclusion of the contract / 20 years	2 000 tenge/kW	10 000 tenge/kW	absent

**Table 1 with information on reserved land plots for planned construction of renewable energy facilities:**

№	Area	District	Locality	Land area, hectare	Land category	
1	Almaty	Zhambyl	Kazybek village	40 ha	43037'36.88"C 43038'19.55"C 43038'17.82"C 43037'34.83"C	76022'59.47"B 76023'29.56"B 76024'15.80"B 76024'20.36"B

**Table 2 with information on the possibility of connecting to points of electric networks of energy transmission organizations, indicating restrictions on the connected capacity and the number of new connections:**

Energy transmission organization	Area	District	PTL	Substation	The limit on the connected power (the maximum allowable amount of installed capacity), MW	The limit on the connected power (the maximum allowable amount of installed capacity), MW
			Name, coordinates	Tires		
JSC «Alatau Zharyk Company»	Almaty	Zhambyl		PS 115 A Kazybek	20	1



**10. Auction schedule**

Trading date	The time of the auction (according to the time of the Astana city)	The period of acceptance of documents for inclusion in the register of auction participants	The EEC zone	Type of RES	The volume of purchased installed capacity, MW		The value of the maximum auction price, tg/kWh	The required date of commissioning, the term of the contract	Financial support of the application for participation in the auction based on 1 kW of installed capacity of the project	Financial support for the fulfillment of the terms of the purchase agreement based on 1 kW of installed capacity of the project	Availability of documentation (available/missing)
					small from 0.1 to 10 MW inclusive (for WPPs from 0.75 MW)	large over 10 MW					
26 September 2024	From 2pm	05.08.2024-13.09.2024	The southern zone	SPP		20	34,61	24 months from the date of conclusion of the contract / 20 years	2 000 tenge/kW	10 000 tenge/kW	absent

**Table 1 with information on reserved land plots for planned construction of renewable energy facilities:**

№	Area	District	Locality	Land area, hectare	Land category
1	Kyzylorda	Shieli	Enbekshinsky village	200	66°52'43,416""B 44°18'15,817""C 66°52'42,073""B 44°18'53,079""C 66°54'28,747""B 44°18'54,662""C 66°53'42,989""B 44°18'22,191""C 66°53'43,173""B 44°18'17,052""C

**Table 2 with information on the possibility of connecting to points of electric networks of energy transmission organizations, indicating restrictions on the connected capacity and the number of new connections:**

Energy transmission organization	Area	District	PTL	Substation	The limit on the connected power (the maximum allowable amount of installed capacity), MW	The limit on the connected power (the maximum allowable amount of installed capacity), MW
			Name, coordinates	Tires		
JSC «KEDC»	Kyzylorda		-	35 kW	20 MW	1

### 11.Auction schedule

Trading date	The time of the auction (according to the time of the Astana city)	The period of acceptance of documents for inclusion in the register of auction participants	The EEC zone	Type of RES	The volume of purchased installed capacity, MW		The value of the maximum auction price, tg/kWh	The required date of commissioning, the term of the contract	Financial support of the application for participation in the auction based on 1 kW of installed capacity of the project	Financial support for the fulfillment of the terms of the purchase agreement based on 1 kW of installed capacity of the project	Availability of document ation (available /missing)
					small from 0.1 to 10 MW inclusive (for WPPs from 0.75 MW)	large over 10 MW					
11 November, 2024	From 2pm	23.09.2024-01.11.2024	All zones, except for the Tentek river	HPP		200	41,23	60 months from the date of conclusion of the contract/ 20 years	2 000 tenge/kW	10 000 tenge/kW	absent

### 12. Auction schedule

Trading date	The time of the auction (according to the time of the Astana city)	The period of acceptance of documents for inclusion in the register of auction participants	The EEC zone	Type of RES	The volume of purchased installed capacity, MW		The value of the maximum auction price, tg/kWh	The required date of commissioning, the term of the contract	Financial support of the application for participation in the auction based on 1 kW of installed capacity of the project	Financial support for the fulfillment of the terms of the purchase agreement based on 1 kW of installed capacity of the project	Availability of document ation (available /missing)
					small from 0.1 to 10 MW inclusive	large over 10 MW					
12 November 2024	From 2pm	23.09.2024-01.11.2024	All zones, except for the Tentek river	HPP		100	41,23	60 months from the date of conclusion of the contract/ 20 years	2 000 tenge/kW	10 000 tenge/kW	absent

### 13.Auction schedule

Trading date	The time of the auction (according to the time of the Astana city)	The period of acceptance of documents for inclusion in the register of auction participants	The EEC zone	Type of RES	The volume of purchased installed capacity, MW		The value of the maximum auction price, tg/kWh	The required date of commissioning, the term of the contract	Financial support of the application for participation in the auction based on 1 kW of installed capacity of the project	Financial support for the fulfillment of the terms of the purchase agreement based on 1 kW of installed capacity of the project	Availability of document ation (available /missing)
					small from 0.1 to 10 MW inclusive (for WPPs from 0.75 MW)	large over 10 MW					
13 November 2024	From 2pm	23.09.2024-01.11.2024	All zones, except for the Tentek river	HPP	30		41,23	60 months from the date of conclusion of the contract/ 20 years	2 000 tenge/kW	10 000 tenge/kW	absent

### 14. Auction schedule

Trading date	The time of the auction (according to the time of the Astana city)	The period of acceptance of documents for inclusion in the register of auction participants	The EEC zone	Type of RES	The volume of purchased installed capacity, MW		The value of the maximum auction price, tg/kWh	The required date of commissioning, the term of the contract	Financial support of the application for participation in the auction based on 1 kW of installed capacity of the project	Financial support for the fulfillment of the terms of the purchase agreement based on 1 kW of installed capacity of the project	Availability of document ation (available /missing)
					small from 0.1 to 10 MW inclusive (for WPPs from 0.75 MW)	large over 10 MW					
14 November 2024	From 2pm	23.09.2024-01.11.2024	All zones, except for the Tentek river	HPP	20		41,23	60 months from the date of conclusion of the contract/ 20 years	2 000 tenge/kW	10 000 tenge/kW	absent

**15.Auction schedule**

Trading date	The time of the auction (according to the time of the Astana city)	The period of acceptance of documents for inclusion in the register of auction participants	The EEC zone	Type of RES	The volume of purchased installed capacity, MW		The value of the maximum auction price, tg/kWh	The required date of commissioning, the term of the contract	Financial support of the application for participation in the auction based on 1 kW of installed capacity of the project	Financial support for the fulfillment of the terms of the purchase agreement based on 1 kW of installed capacity of the project	Availability of document ation (available /missing)
					small from 0.1 to 10 MW inclusive (for WPPs from 0.75 MW)	large over 10 MW					
15 November 2024	From 2pm	23.09.2024-01.11.2024	The Northern zone	WPP		100	22,68	36 months from the date of conclusion of the contract/ 20 years	2 000 tenge/kW	10 000 tenge/kW	absent

**Table 1 with information on reserved land plots for planned construction of renewable energy facilities:**

№	Area	District	Locality	Land area, hectare	Land category
1	Kostanay	Kostanay	Zhdanovsky village	400 ha	12-183-105-036

**Table 2 with information on the possibility of connecting to points of electric networks of energy transmission organizations, indicating restrictions on the connected capacity and the number of new connections:**

Energy transmission organization	Area	District	PTL	Substation	The limit on the connected power (the maximum allowable amount of installed capacity), MW	The limit on the connected power (the maximum allowable amount of installed capacity), MW
			Name, coordinates	Tires		
JSC «KEGOC»	Kostanay	-	Sokol	220 kW	100	1



### 16. Auction schedule

Trading date	The time of the auction (according to the time of the Astana city)	The period of acceptance of documents for inclusion in the register of auction participants	The EEC zone	Type of RES	The volume of purchased installed capacity, MW		The value of the maximum auction price, tg/kWh	The required date of commissioning, the term of the contract	Financial support of the application for participation in the auction based on 1 kW of installed capacity of the project	Financial support for the fulfillment of the terms of the purchase agreement based on 1 kW of installed capacity of the project	Availability of documentation (available/missing)
					small from 0.1 to 10 MW inclusive (for WPPs from 0.75 MW)	large over 10 MW					
18 November6 2024	From 2pm	23.09.2024-01.11.2024	The Northern zone	WPP		100	22,68	36 months from the date of conclusion of the contract/ 20 years	2 000 tenge/kW	10 000 tenge/kW	absent

**Table 1 with information on reserved land plots for planned construction of renewable energy facilities:**

№	Area	District	Locality	Land area, hectare	Land category
1	Kostanay	Kostanay	Zhdanovsky village	341,2 ha	12-183-105-031

**Table 2 with information on the possibility of connecting to points of electric networks of energy transmission organizations, indicating restrictions on the connected capacity and the number of new connections:**

Energy transmission organization	Area	District	PTL	Substation	The limit on the connected power (the maximum allowable amount of installed capacity), MW	The limit on the connected power (the maximum allowable amount of installed capacity), MW
			Name, coordinates	Tires		
JSC «KEGOC»	Kostanay	-	Sokol	220 kW	100	1

### 17. Auction schedule

Trading date	The time of the auction (according to the time of the Astana city)	The period of acceptance of documents for inclusion in the register of auction participants	The EEC zone	Type of RES	The volume of purchased installed capacity, MW		The value of the maximum auction price, tg/kWh	The required date of commissioning, the term of the contract	Financial support of the application for participation in the auction based on 1 kW of installed capacity of the project	Financial support for the fulfillment of the terms of the purchase agreement based on 1 kW of installed capacity of the project	Availability of documentation (available/missing)
					small from 0.1 to 10 MW inclusive (for WPPs from 0.75 MW)	large over 10 MW					
19 November, 2024	From 2pm	23.09.2024-01.11.2024	The southern zone	WPP		100	22,68	36 months from the date of conclusion of the contract/ 20 years	2 000 tenge/kW	10 000 tenge/kW	absent

**Table 1 with information on reserved land plots for planned construction of renewable energy facilities:**

№	Area	District	Locality	Land area, hectare	Land category
1	Turkestan я	Sauran	Zhana Ikan village	400 ha	43°18'54.1"N 68°38'38.9"E 43°19'05.4"N 68°38'59.7"E 43°19'50.7"N 68°39'41.0"E 43°20'15.8 "N 68°37'52.5"E 43°19'47.6"N 68°37'31.9"E

**Table 2 with information on the possibility of connecting to points of electric networks of energy transmission organizations, indicating restrictions on the connected capacity and the number of new connections:**

Energy transmission organization	Area	District	PTL	Substation	The limit on the connected power (the maximum allowable amount of installed capacity), MW	The limit on the connected power (the maximum allowable amount of installed capacity), MW
			Name, coordinates	Tires		
JSC «KEGOC»	Turkestan		Ortalyk	220	100	1

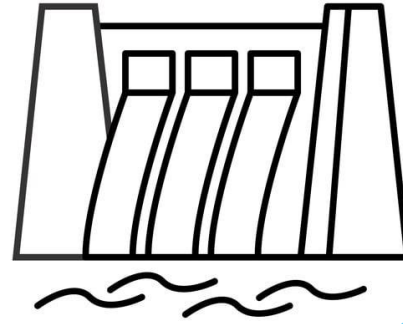
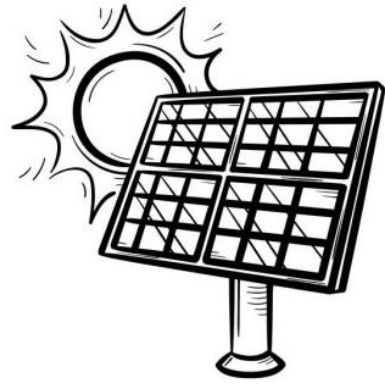
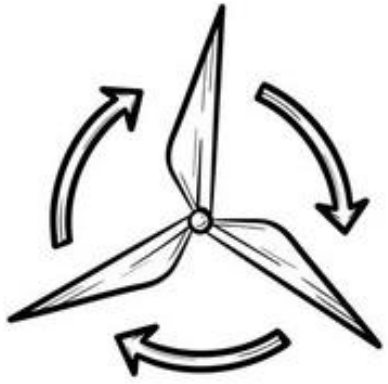
**18.Auction schedule**

Trading date	The time of the auction (according to the time of the Astana city)	The period of acceptance of documents for inclusion in the register of auction participants	The EEC zone	Type of RES	The volume of purchased installed capacity, MW		The value of the maximum auction price, tg/kWh	The required date of commissioning, the term of the contract	Financial support of the application for participation in the auction based on 1 kW of installed capacity of the project	Financial support for the fulfillment of the terms of the purchase agreement based on 1 kW of installed capacity of the project	Availability of documentation (available/missing)
					small from 0.1 to 10 MW inclusive (for WPPs from 0.75 MW)	large over 10 MW					
20 November, 2024	From 2pm	23.09.2024-01.11.2024	All zones	BioPP	10		32,23	36 months from the date of conclusion of the contract/ 20 years	2 000 tenge/kW	10 000 tenge/kW	absent

Appendix 1. Brief information on projects from the Auction Schedule

Project type	The volume of purchased capacity MW	The EEC zone	The trading date 2024	The auction price is tenge/kWh	Cost, USD. cent/kWh*
Wind Power Plant (WPP)	100,200,100,100, 100,100 MW (large ones over 10 MW)	<b>The Northern zone</b> (Aktobe, Kostanay, Abai).	June, November	22,68	5,04
Solar Power Plant (WPP)	100,20,20,20 MW (large ones over 10 MW)	<b>The Southern zone</b> (Almaty, Zhetysu, Kyzylorda).	September	34,61	7,69
HydroElectric Power Plant (HPP)	20,20,10,30,20, MW (small from 0.1 to 10 MW); 100,200 MBT (large ones over 10 MW)	<b>The Northern zone</b> (Akmola, Aktobe, East Kazakhstan, Karaganda, Kostanay, Pavlodar, North Kazakhstan regions); <b>The Southern zone</b> (Almaty, Zhambyl, Kyzylorda, Turkestan regions). <b>Except the Tentek River.</b>	June, November	41,23	9,16
Biogas Power Plant (BioPP)	10 MBT (small from 0.1 to 10 MW)	<b>The Northern zone:</b> Akmola, Aktobe, East Kazakhstan, Karaganda, Kostanay, Pavlodar, North Kazakhstan regions; <b>The Southern zone:</b> Almaty, Zhambyl, Kyzylorda, Turkestan regions.	November	32,23	7,16

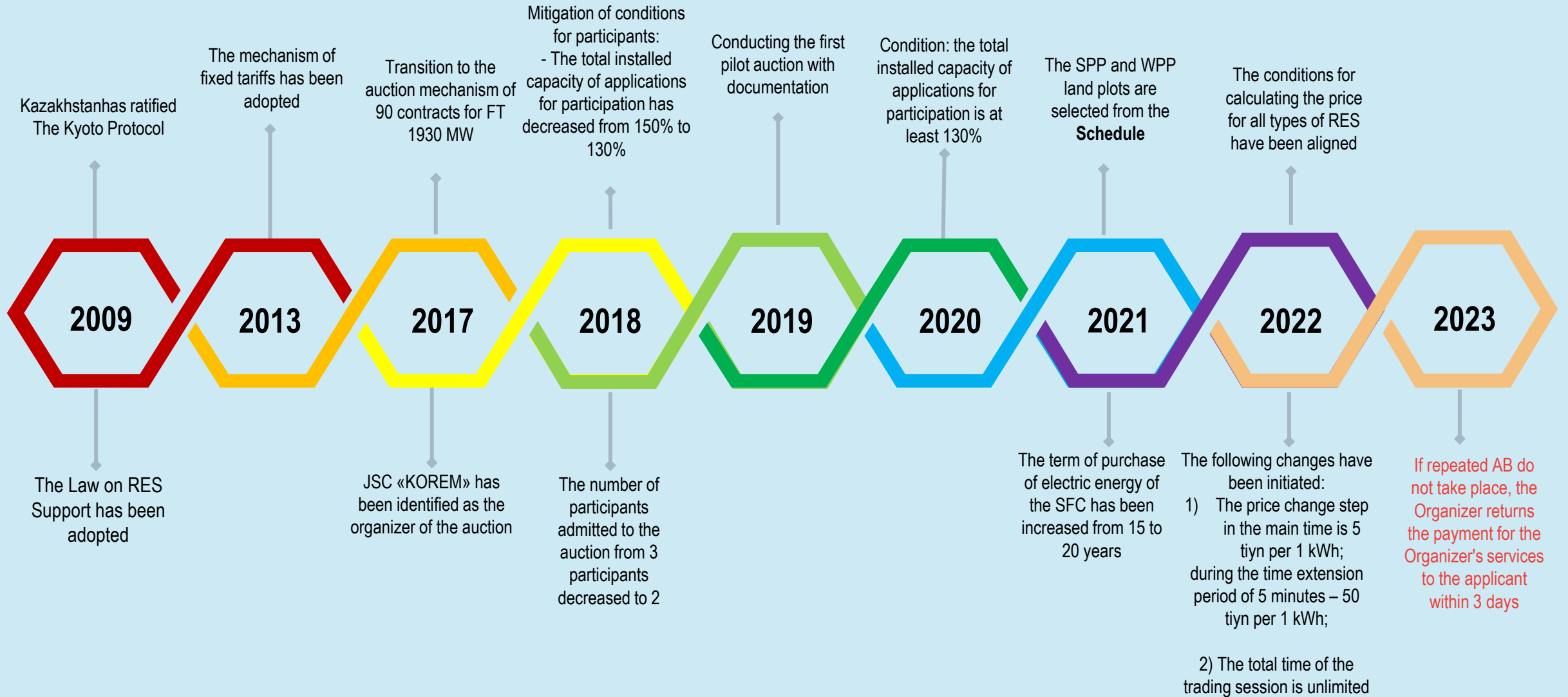
\* The dollar exchange rate is 450 tenge/US dollar



# Auction bidding

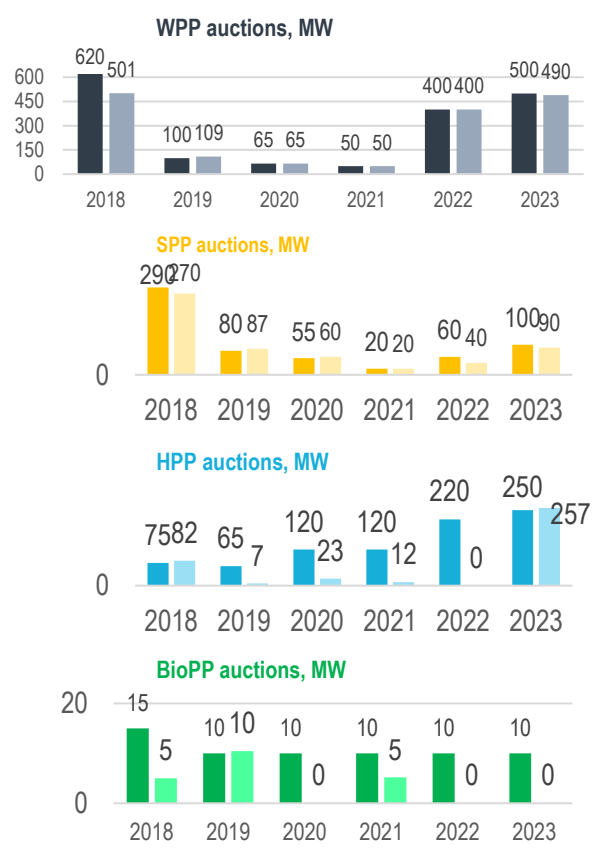
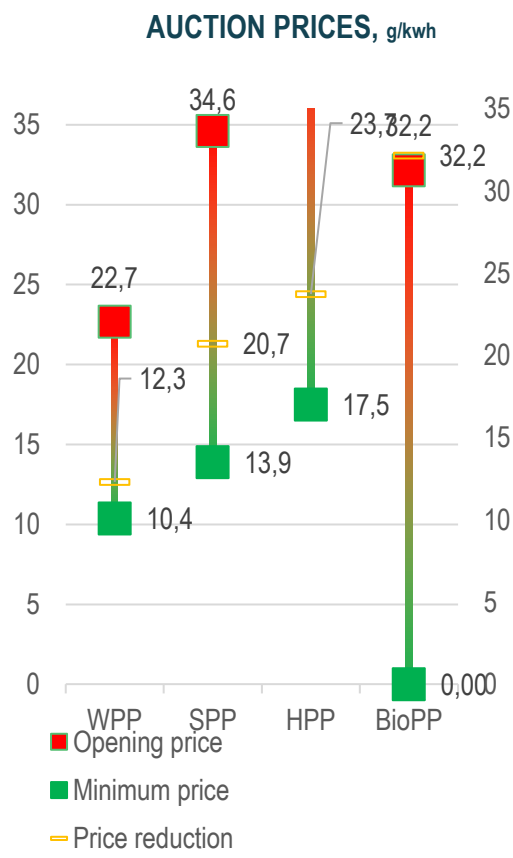
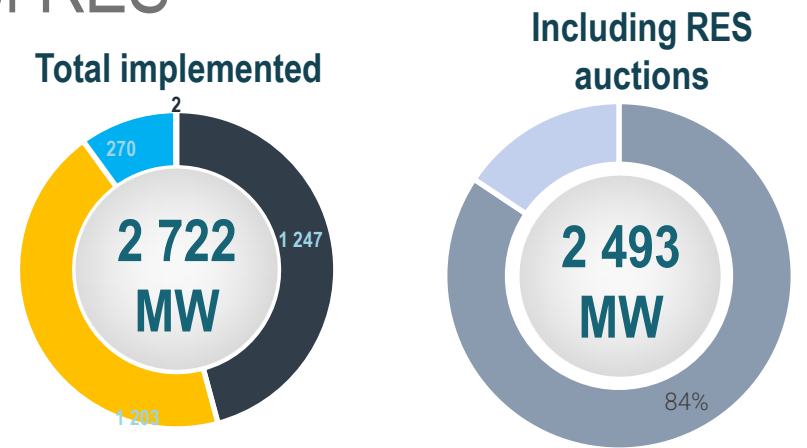
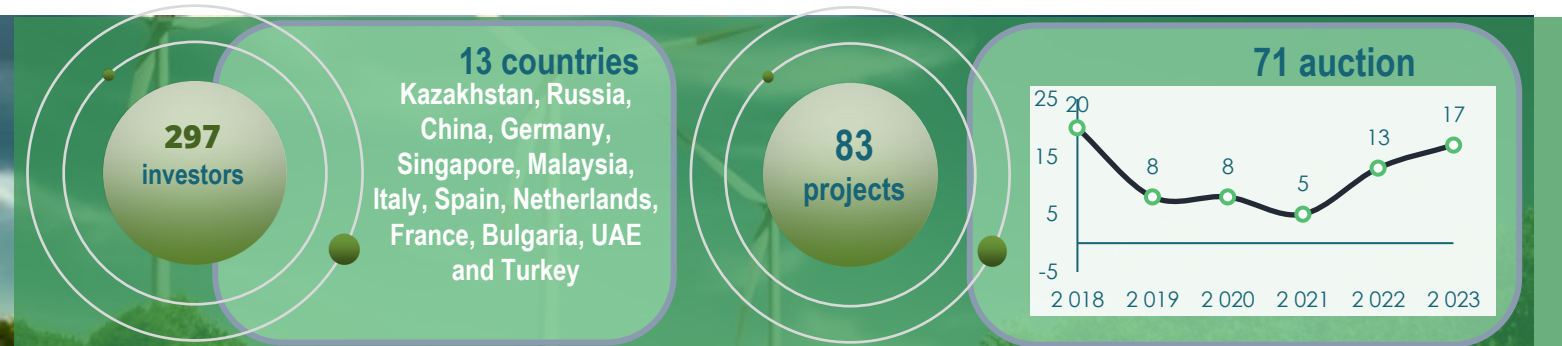
RENEWABLE ENERGY SOURCES

# The history of RES development in Kazakhstan



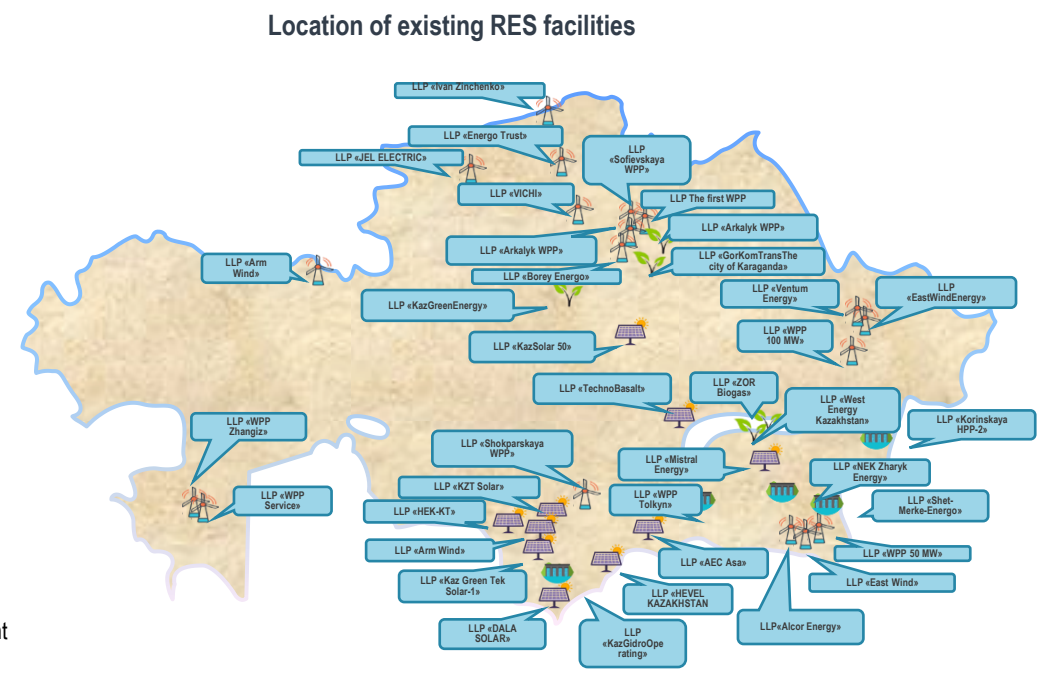


# Auctions for the selection of projects for the construction of RES



As a result of the auction for the period 2018-2023, projects were selected

- 87,9%** WPP construction of wind power plants
- 93,6%** SPP construction of solar power plants
- 44,8%** HPP construction of hydroelectric power plants
- 31,6%** Bio PP bioelectric power plant construction projects



01

### 5 year PLAN

On the organization and conduct of auctions for the selection of projects for the construction of RES facilities

The maximum auction price of tg/kWh 2023-2027.

HPP – 41,23  
SPP – 34,61  
WPP – 22,68  
BioPP – 32,23

## Key indicators of the industry's development by 2050

Implementation of the strategy to achieve carbon neutrality of the economy of the Republic of Kazakhstan by 2060

02

### 7 GW by 2030

It is planned to introduce RES generating capacities

03

### 15% from the total generation

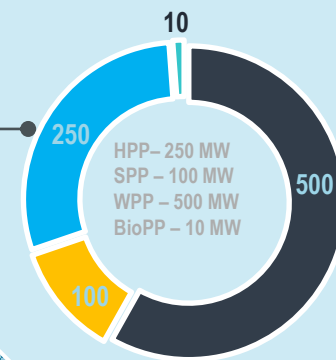
the share of RES from the total generation in the country by 2030

04

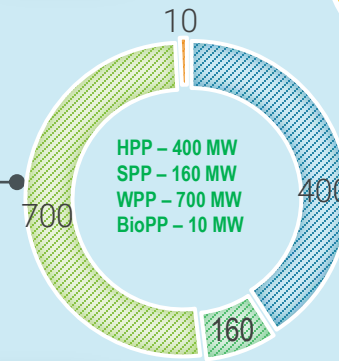
### 50% of the volume of production

the share of alternative energy sources and RES by 2050.

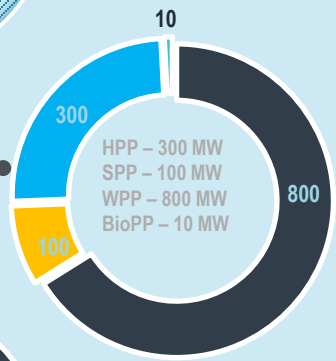
2023



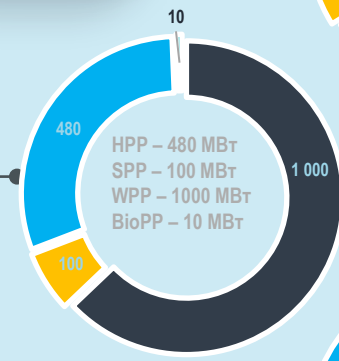
2024



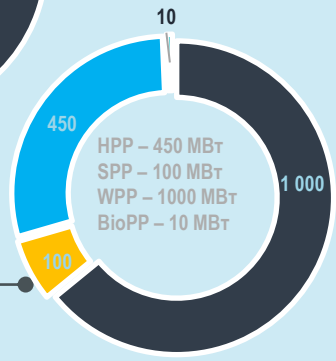
2025



2026



2027



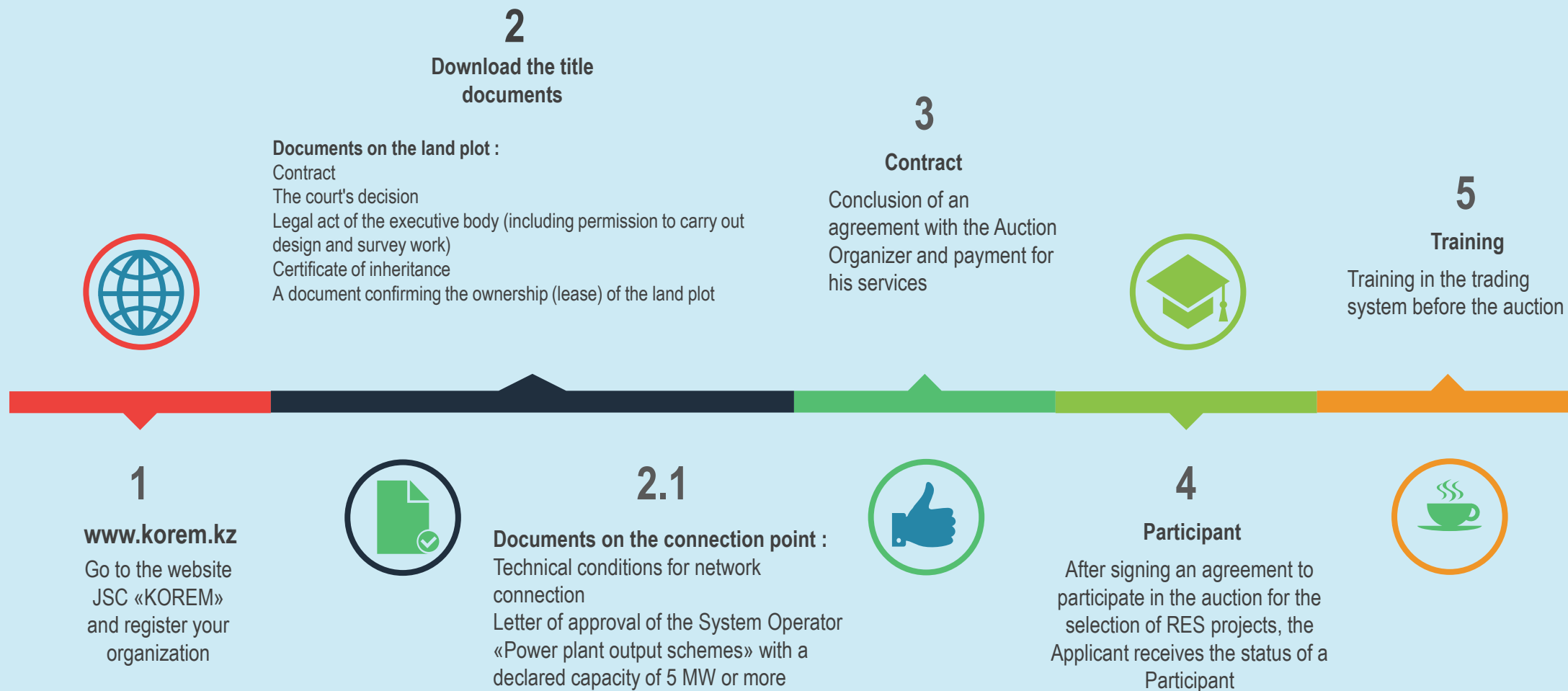
# AUCTION SCHEDULE

	The volume of purchased capacity, MW	The UES Zone of the Republic of Kazakhstan	Trading date	Coordinates of the land plot	The size of the project	The maximum auction price, tg/kWh	S/S	Type of auction
HPP	20	All zones except R.Tentek	10 June 2024	--	Small	41,23	--	Without documentation
HPP	20	All zones except R.Tentek	11 June 2024	--	Small	41,23	--	Without documentation
HPP	10	All zones except R.Tentek	12 June 2024	--	Small	41,23	--	Without documentation
WPP	100	The Northern zone	13 June 2024	48.754823 58.108441 (the area around the site)	Large	22,68	Ulke	Without documentation
WPP	200	The Northern zone	14 June 2024	12-183-105-184	Large	22,68	Kostanay 1150	Without documentation
WPP	100	The Northern zone	17 June 2024	50,098340 80.407734 50°20'21" 80°19'12"...	Large	22,68	Semey	Without documentation
SPP	100	The southern zone	23 September 2024	77.09274472660809 43.916188968964576	Large	34,61	SS-143A Robot	Without documentation
				...				
SPP	20	The southern zone	24 September 2024	44.28039N 80.04229E ...	Large	34,61	175 («JSC TATEK»)	Without documentation
SPP	20	The southern zone	25 September 2024	43037'19.55"C 76022'59.47B ...	Large	34,61	SS 115A Kazybek bek	Without documentation
SPP	20	The southern zone	26 September 2024	66°52'436416""B 44°18'15,817""C ...	Large	34,61	--	Without documentation

# AUCTION SCHEDULE

	The volume of purchased capacity, MW	The UES Zone of the Republic of Kazakhstan	Trading date	Land	The size of the project	The maximum auction price, tg/kWh	S/S	Type of auction
HPP	200	All zones except R.Tentek	11 November 2024	--	Large	41,23	--	Without documentation
HPP	100	All zones except R.Tentek	12 November 2024	--	Large	41,23	--	Without documentation
HPP	30	All zones except R.Tentek	13 November 2024	--	Large	41,23	--	Without documentation
HPP	20	All zones except R.Tentek	14 November 2024	--	Large	41,23	--	Without documentation
WPP	100	The Northern zone	15 November 2024	12-183-105-036	Large	22,68	Sokol	Without documentation
WPP	100	The Northern zone	18 November 2024	12-183-105-031	Large	22,68	Sokol	Without documentation
WPP	100	The southern zone	19 November 2024	43°18'54.101"N 68°38'38.9"E	Large	22,68	Ortalyk	Without documentation
BioPP	10	All zones	20 November 2024	--	Small	32,23	--	Without documentation

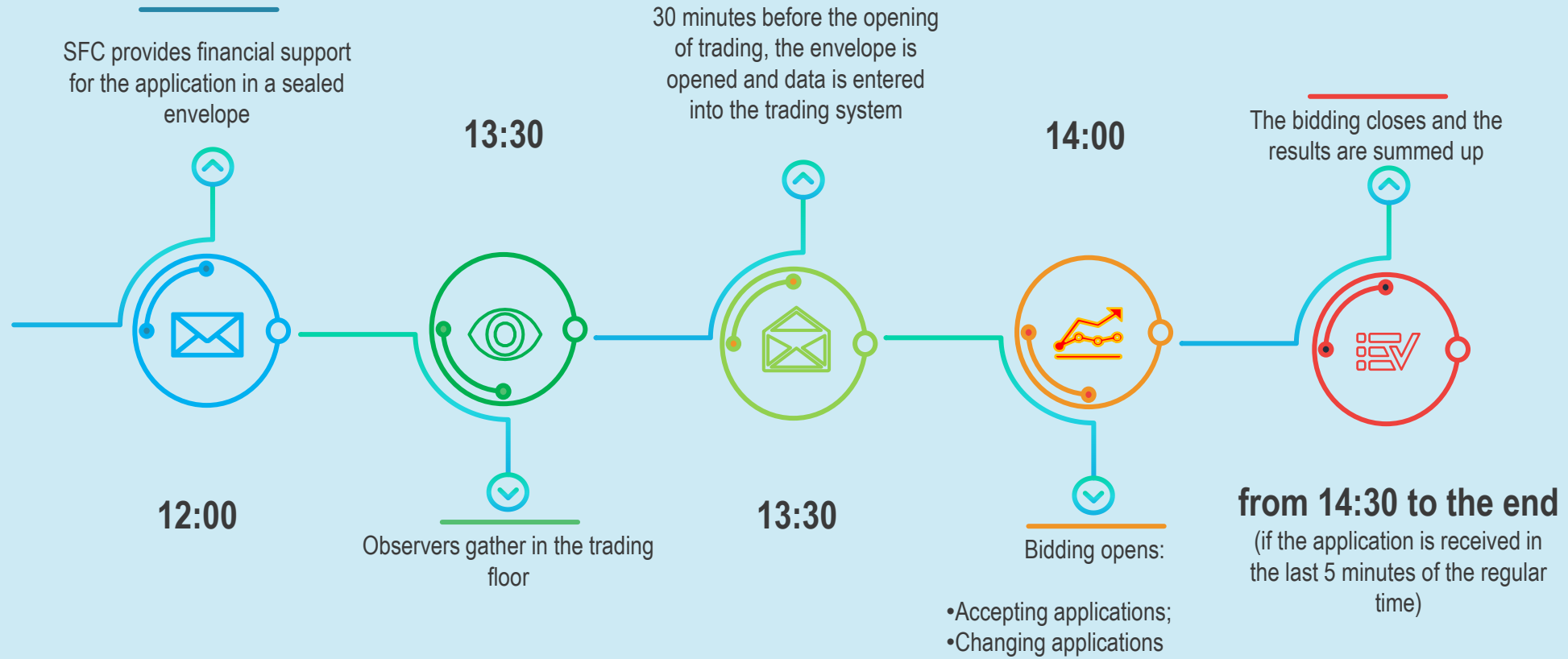
# Registration in the trading system



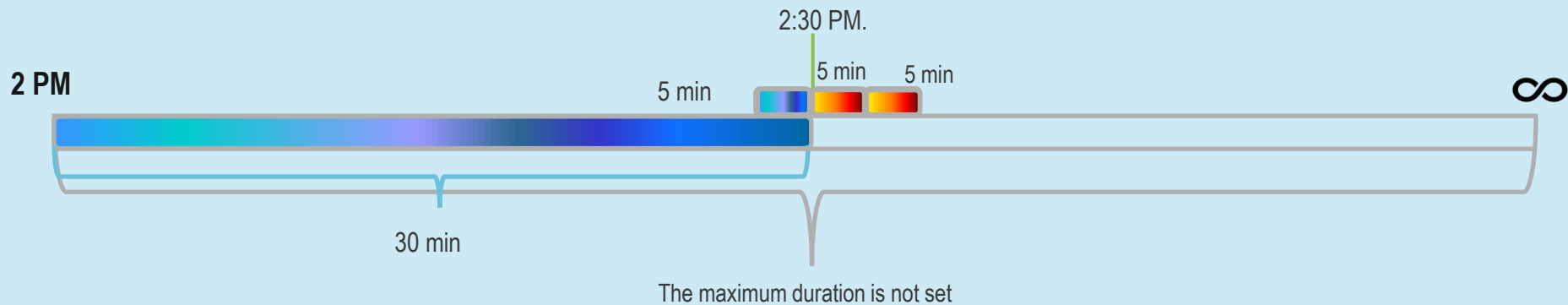
Иностранные Заявители загружают аналогичные документы, переведенные на государственный или русский языки, и засвидетельствованные нотариально



## RES AUCTION TRADING DAY



## DURATION OF THE TRADING SESSION



# Application conditions

Name of the participant

The price of electric energy per 1 kWh without VAT

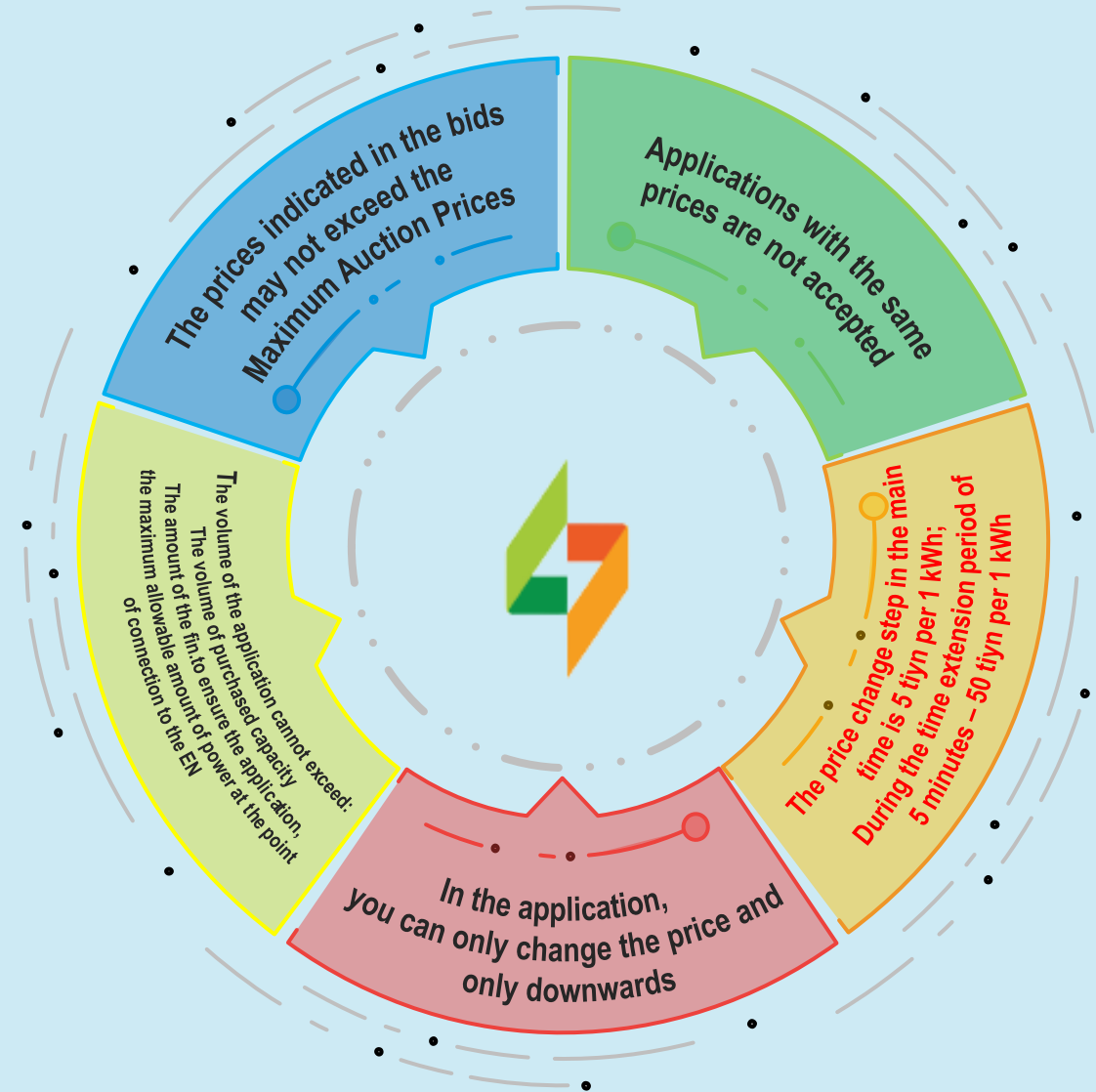
The installed capacity is at least 100 kW and a multiple of 1 kW

The minimum allowable amount of installed capacity

Type and amount of financial support for the application

The land plot and the point of connection to the electric network

THE CONTENT OF THE RES AUCTION APPLICATION





## Conditions for calculating prices

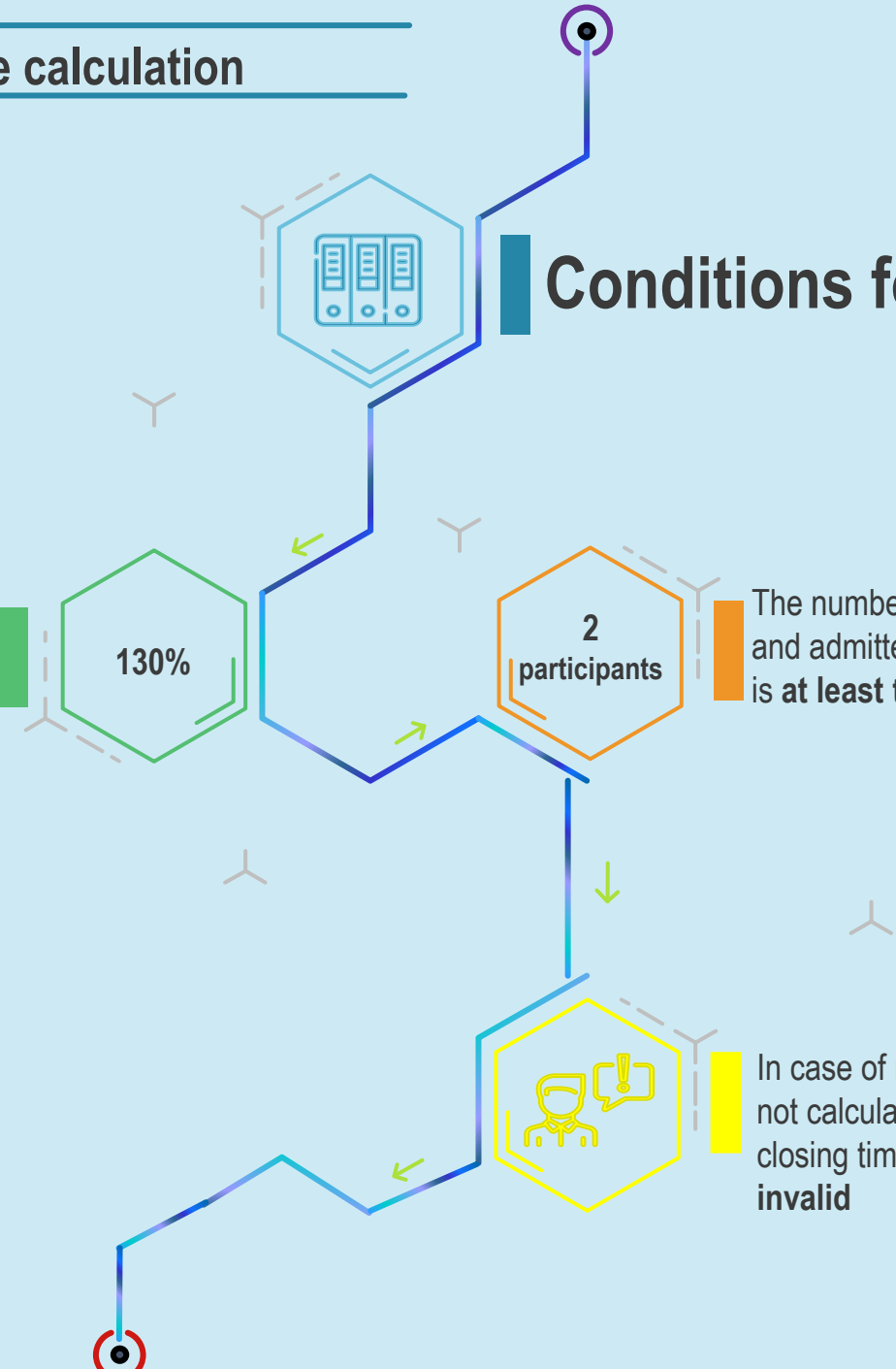
The total volume of installed capacity of applications for participation in auction auctions for sale is **not less than 130% of the demand volume**

130%

The number of participants registered and admitted to the relevant auctions is **at least two**

2 participants

In case of non-fulfillment of these conditions, **the Organizer** does not calculate prices, closes the auction before the end of the closing time of the trading session and **declares the auction invalid**

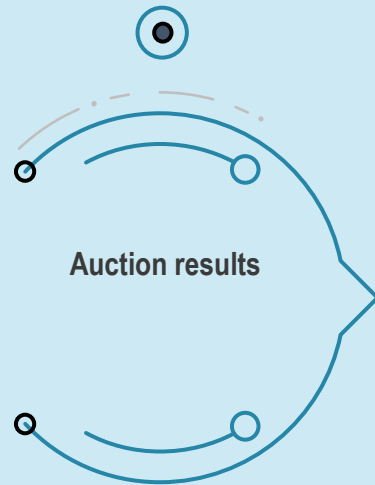


# Auction results

**1**

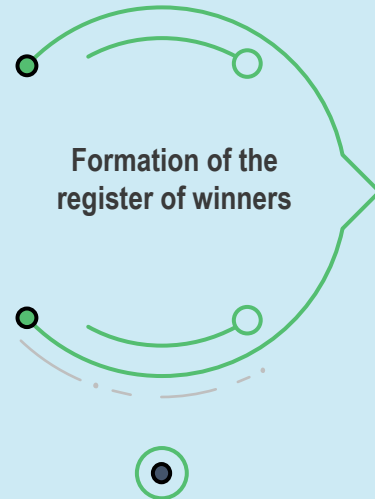
According to the results of the auction, the following are determined :

- I. **The winners** of the auction;
- II. Auction **prices**;
- III. **Volumes** of selected capacity



**2**

A register of auction winners is formed and published on the Organizer's website **within 1 hour** after the closing of the trading session



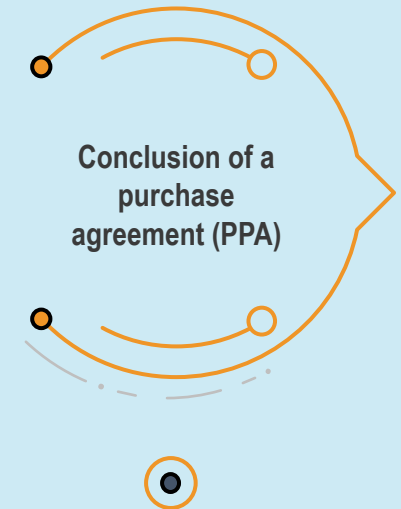
**3**

The Ministry of Energy of the Republic of Kazakhstan, **within 5 working days** from the date of receipt from the Organizer of the Register of Winners, includes the winners in the plan for the placement of RES facilities and the list of energy-producing organizations using RES.



**4**

The winners submit applications to conclude a purchase agreement with the SFC **within 60 calendar days** after being included in the register of auction winners



# Auction observers

The number of observers is up to 8 people

Tasks of observers :

Checking the integrity of the envelope, the list of applicants with financial security

Monitoring the actions of the Organizer of the auction

Monitoring the process of conducting the trading session and determining the winners of the auction



## The service for organizing and conducting auctions includes:



registration of bidders at auctions for the selection of renewable energy projects



ensuring modification of software and information components of the Trading System in accordance with current legislation in the field of electric power industry



maintaining the trading system in constant working order for conducting auctions for the selection of renewable energy projects.



instructing the bidding operators of the auction participant on the selection of renewable energy projects



organizing and conducting auctions for the selection of renewable energy projects;

In order to learn how to work with the software applications of the trading system, you have several options :

To be trained by the auction organizer

Complete the training yourself

# TRAINING

To receive training from the organizer, you need to:

You can learn how to work with the trading system software on your own

Your company has decided to become a participant in the auction and you are faced with the task of learning how to work with the trading system software

To do this, you need to:

Sign a contract and pay for its service

1

Choose the time and date of the training

2

Examine the organizer's internal documents

1

Take interactive training on the website [www.vie.korem.kz](http://www.vie.korem.kz)

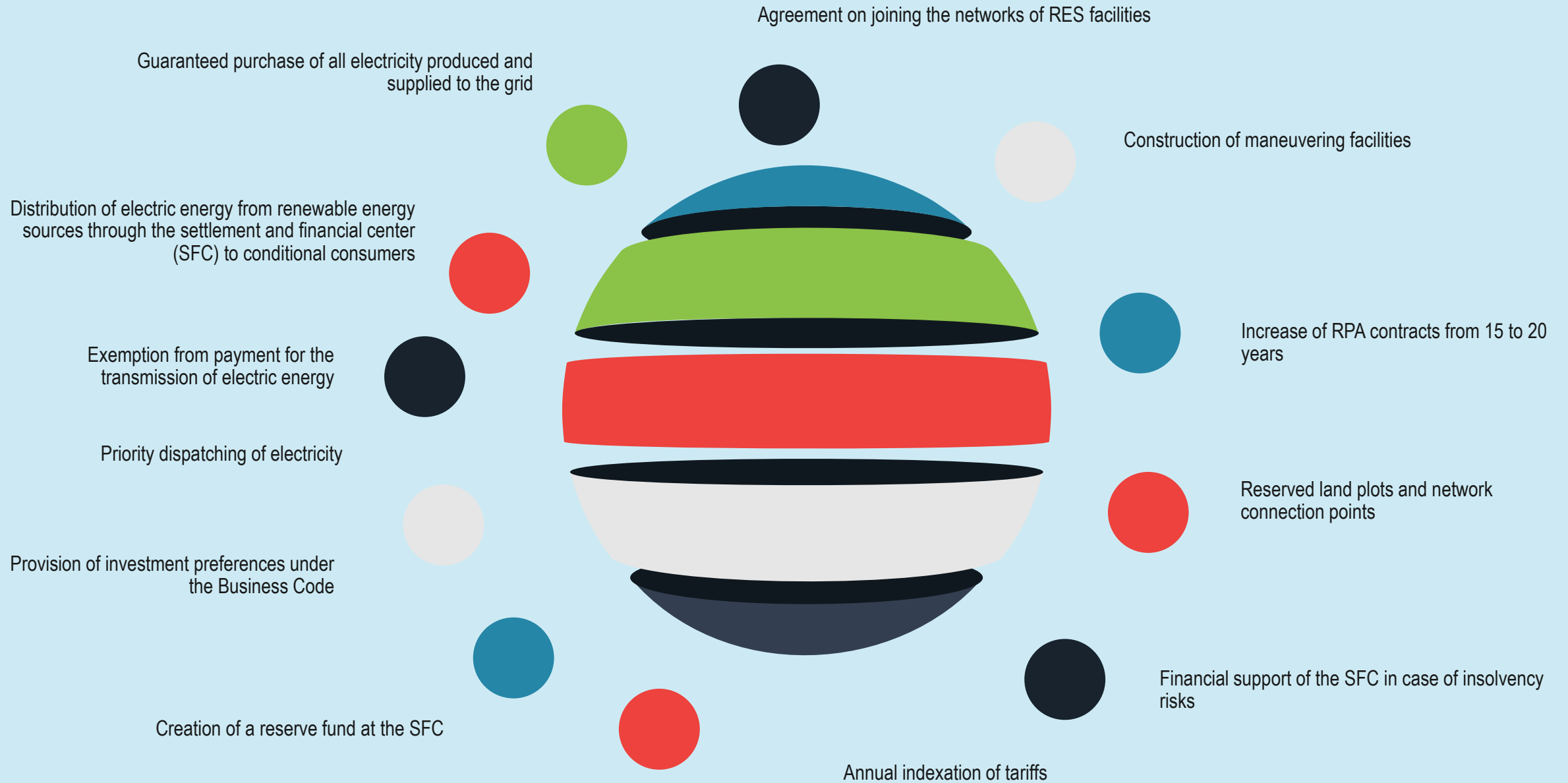
2

To get acquainted with the briefing program.

3

The employee who is sent for training must study the internal documents of the Organizer

# Legislatively fixed preferential conditions for the development of RES in Kazakhstan



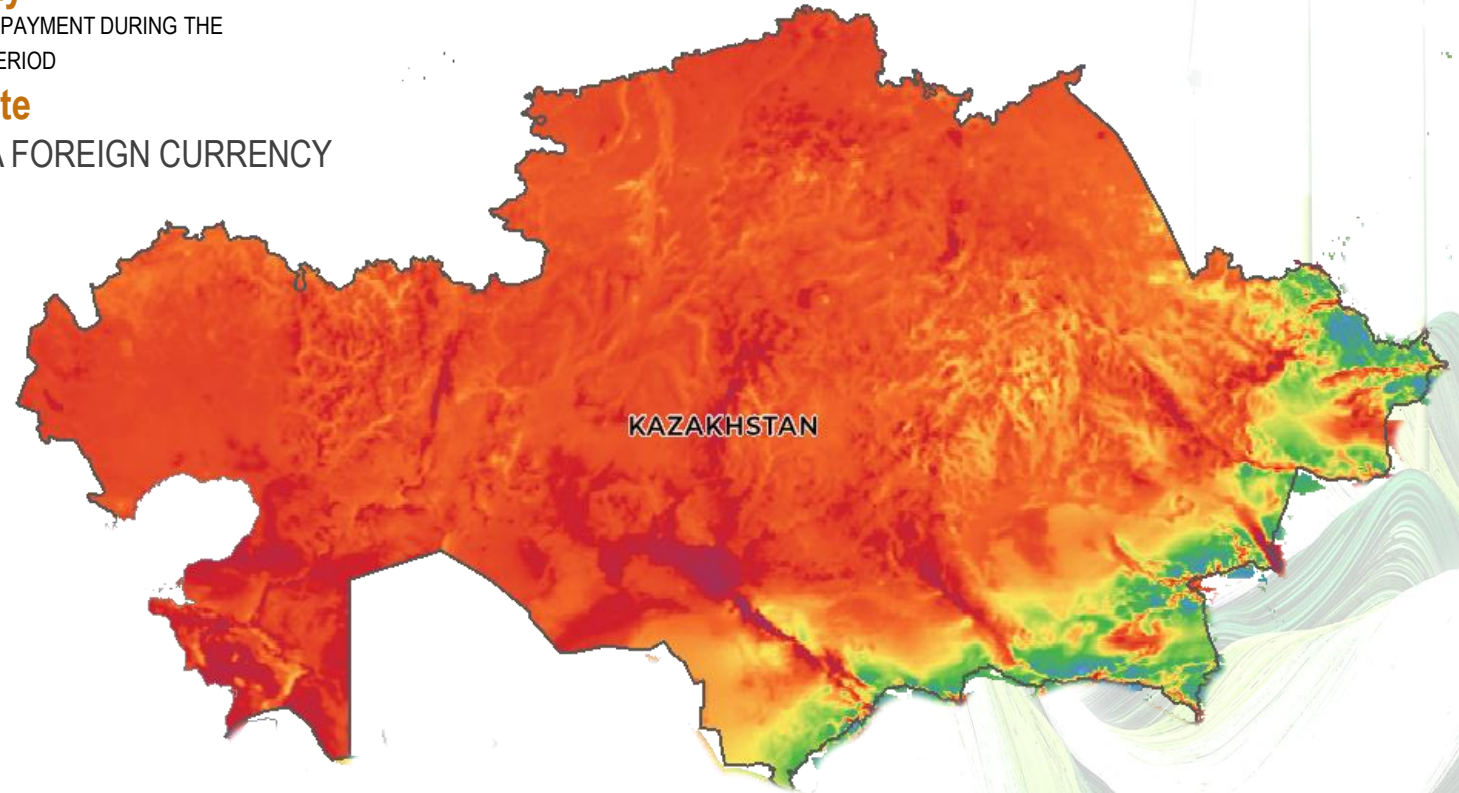
# The Republic of Kazakhstan

- occupies the 9th place in the world in terms of land area
- significant potential of wind energy
- in the next 7 years, it has every opportunity to take a leading position in the world in the development of wind generation, which will be:
  - as stable as possible;
  - evenly distributed (throughout the country);
  - minimally affect the growth of tariffs for end users.

## Legislative measures to support RES in Kazakhstan

- ① **at least 20 years old**  
GUARANTEED PERIOD OF COMPULSORY PURCHASE OF ALL GENERATED ENERGY
- ② **custom duty**  
EXEMPTION FROM PAYMENT DURING THE CONSTRUCTION PERIOD
- ③ **vacation rate**  
LINKED TO A FOREIGN CURRENCY

## Wind potential map



The climate in Kazakhstan is favorable for the construction of wind farms due to the presence of wind corridors with wind speeds of more than 5 m/s, which is necessary for the operation of wind turbines.

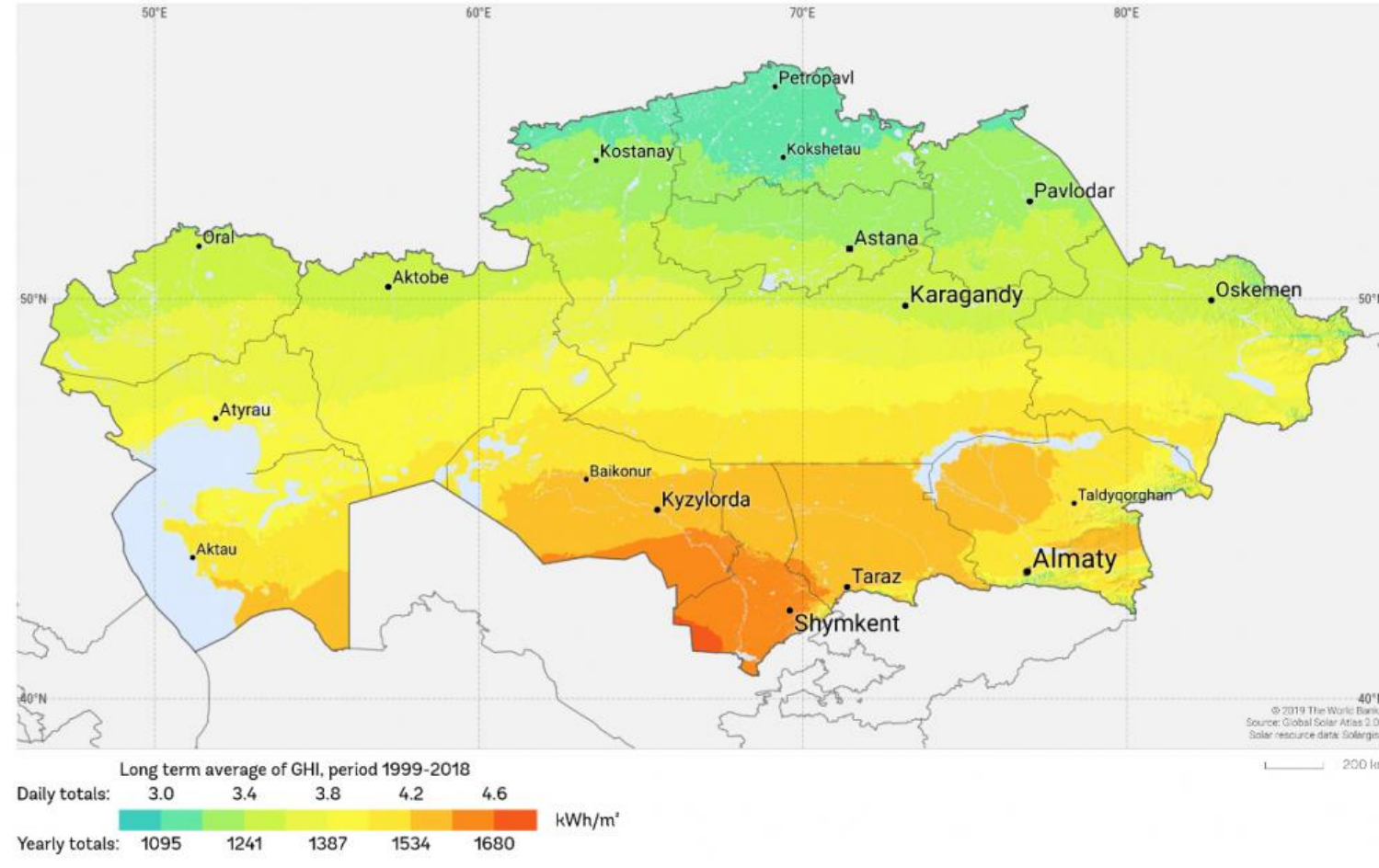
The Caspian region, central and northern Kazakhstan, as well as southern and southeastern Kazakhstan have the highest potential for wind energy.

According to the Ministry of Energy of Kazakhstan, the country's wind energy potential is estimated at 920 billion. kWh of electricity annually

# Solar Potential Map

Solar energy has huge potential as a renewable energy source due to sparsely populated large areas and climatic conditions, especially in the south of Kazakhstan, where the sun shines from 2,200 to 3,000 hours per year

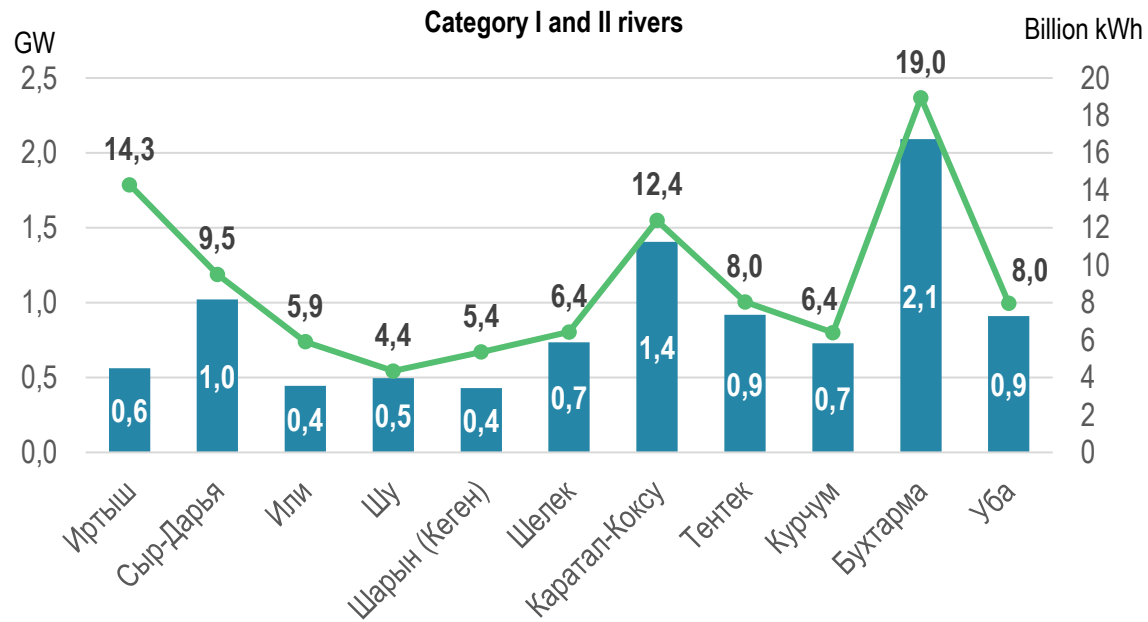
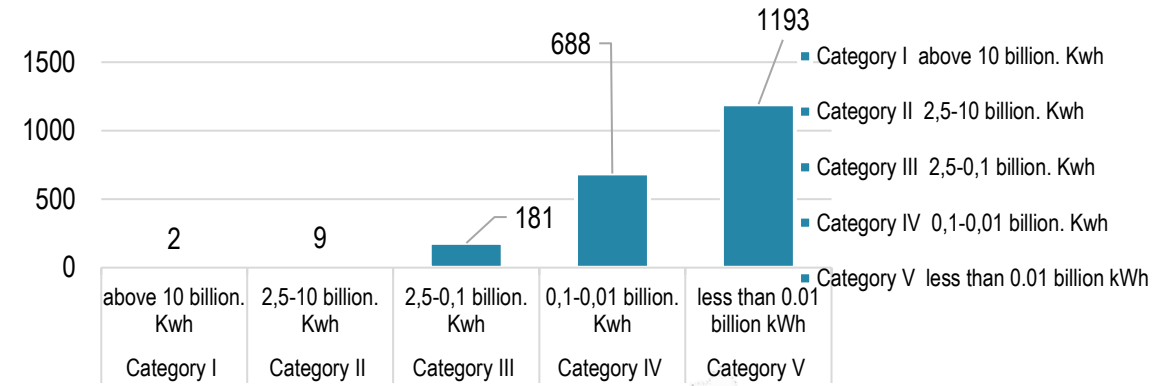
In Kazakhstan, the potential of solar energy is 1 trillion. kWh. The most preferred areas for solar generation are the Aral Sea region and the southern regions of Kazakhstan, which are experiencing a shortage of electricity



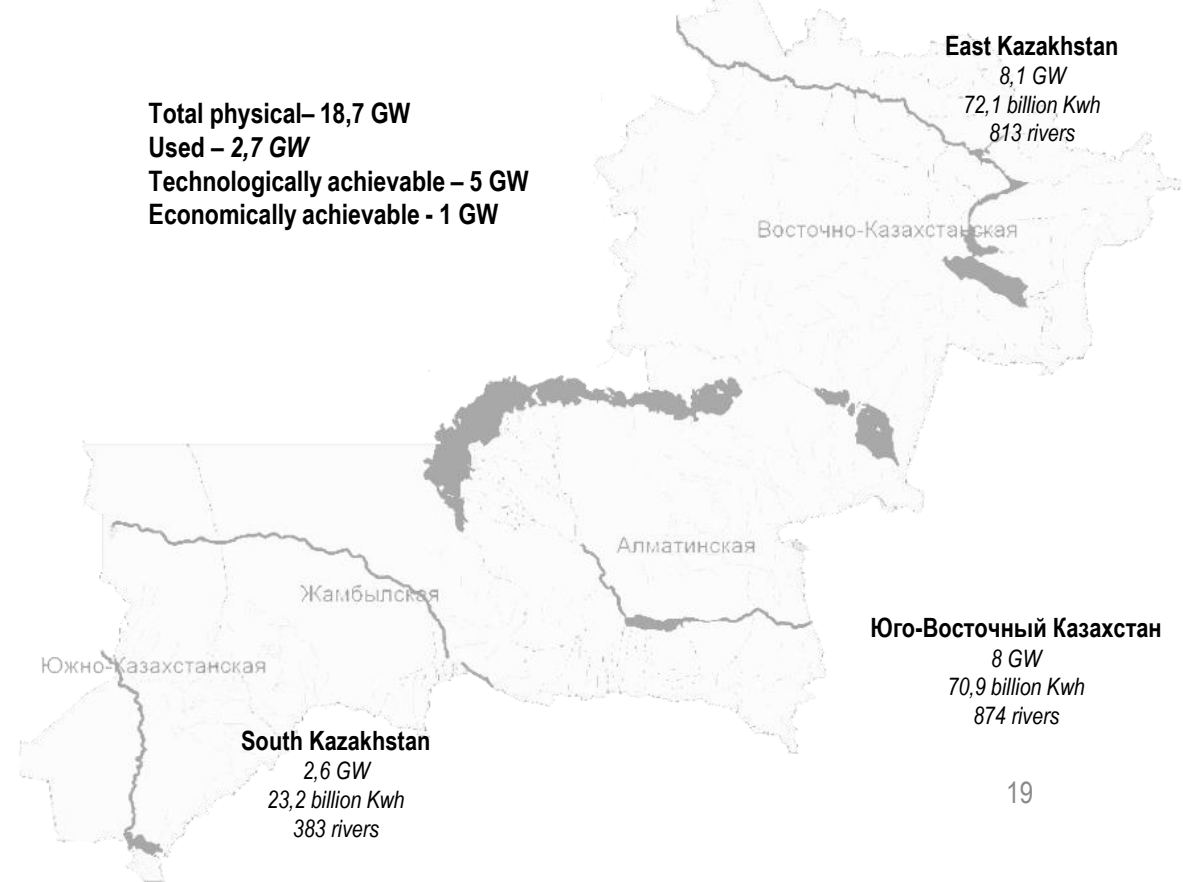


# Information and characteristics of Kazakhstan's hydropower potential

The hydropotential of Kazakhstan	Number of rivers	Category I is above 10 billion kwh	Category II 2,5-10 billion kwh	Category III 2,5-0,1 billion kwh	Category IV 0,1-0,01 billion kwh	Category V less than 0.01 billion kwh
South Kazakhstan	383	1	1	20	74	287
Southeastern Kazakhstan	874	-	5	89	340	440
East Kazakhstan	813	1	3	72	274	466
<b>TOTAL</b>	<b>2070</b>	<b>2</b>	<b>9</b>	<b>181</b>	<b>688</b>	<b>1193</b>



**Total physical – 18,7 GW**  
**Used – 2,7 GW**  
**Technologically achievable – 5 GW**  
**Economically achievable - 1 GW**



# The calendar plan

## Auction bidding in 2024

HPP, All zones, with the exception of the Tentek river, with a total capacity of 400 MW, Tariff - 41.23 tenge, June 10, 11, 12, 2024 and November 11, 12, 13, 14, 2024

WPP, Northern and Southern zones with a total capacity of 700 MW, Tariff - 22.68 tenge, June 13, 14, 17, 2024 and November 15, 18, 19, 2024

SPP, Southern zone, with a total capacity of 160 MW, Tariff – 34.61 tenge, September 23, 24, 25, 26, 2024

BioPP, All zones, with a total capacity of 10 MW, Tariff – 32.23 tenge, November 20, 2024

### Acceptance of documents

From April 22, 2024

Document verification (2 business days), the direction of the draft Agreement and invoice for payment of JSC «KOREM»

### Contract and payment

The deadline for the delivery of the signed Contract to JSC «KOREM» is one day before the auction (no later than 12:00 Astana time)

The deadline for payment for the services of JSC «KOREM» is one day before the auction (no later than 18:00 Astana time)

### Financial support of the agreement

within 30 calendar days after signing the purchase agreement

### Financial security

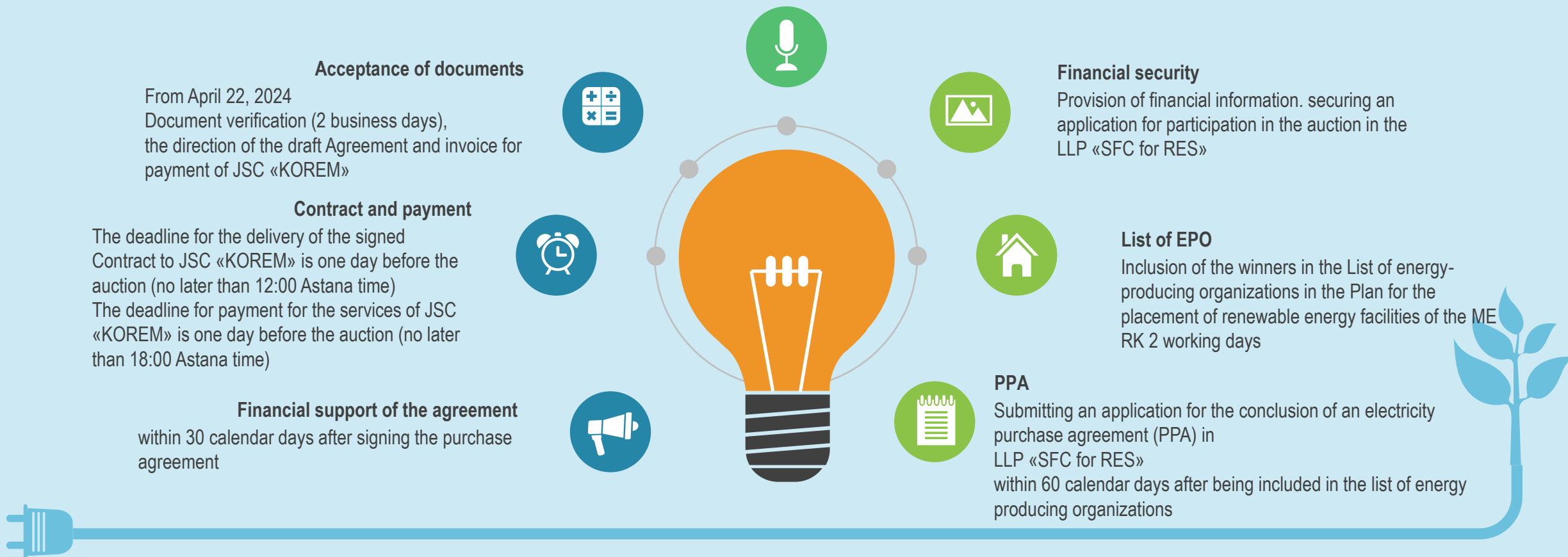
Provision of financial information. securing an application for participation in the auction in the LLP «SFC for RES»

### List of EPO

Inclusion of the winners in the List of energy-producing organizations in the Plan for the placement of renewable energy facilities of the MERK 2 working days

### PPA

Submitting an application for the conclusion of an electricity purchase agreement (PPA) in LLP «SFC for RES» within 60 calendar days after being included in the list of energy producing organizations



# THANK YOU FOR YOUR ATTENTION!



[vie.korem.kz](http://vie.korem.kz)



[@Korem\\_res](https://t.me/Korem_res)



[vie@korem.kz](mailto:vie@korem.kz)

8 (7172) 982 972, 982 973