

**APAELLA LLC & ALMEZ LLC**  
**EU. Latvia**

Wind power generation 99 MW  
36 MW+63 MW (In I & II stages)

**Real projects of the  
"European Green Deal"**

# European Green Deal

## WIND IS READY TO DELIVER EUROPE'S GREEN DEAL

"THE EU WILL HELP COMPANIES BECOME WORLD LEADERS IN CLEAN TECHNOLOGIES"

### EU INDUSTRIAL POLICIES MUST SUPPORT WIND

- ✓ Wind is recognised as a top strategic sector
- ✓ Clear investment signals
- ✓ Trade policies that keep down the cost of imported components
- ✓ Export strategy for renewables
- ✓ Continued innovation in 'mature' renewables

"THE EU WILL BECOME CARBON-NEUTRAL BY 2050"

### EU MUST SET THE COURSE FOR CLIMATE NEUTRALITY

- ✓ 55% decarbonisation goal for 2030
- ✓ Robust implementation of National Energy & Climate Plans
- ✓ Electricity to provide at least 50% of EU energy

"THE EU WILL HELP ENSURE A JUST AND INCLUSIVE TRANSITION"

### EU MUST SUPPORT A TRANSITION THAT WORKS FOR ALL

- ✓ Funding for regions dependent on coal and heavy industry
- ✓ Permitting that allows happy coexistence between wind and other interests
- ✓ Reskilling of workers affected by the transition

## WIND ENERGY TODAY

15% of Europe's electricity demand  
300,000 people work for the wind industry  
€36bn contribution to EU GDP  
€8bn exports to non-EU countries  
50% cost reduction in the last 5 years

The Wind Industry supply chain is present all over Europe.  
Find out more: [windeurope.org/ligl](http://windeurope.org/ligl)

## WIND ENERGY TOMORROW

The International Energy Agency:

"Wind is set to be the no. 1 source of power in Europe by 2027"

The European Commission:

"Wind can meet over 50% of Europe's power demand by 2050"

The European Commission:

"Onshore wind would represent close to two thirds of total wind capacity in 2050: up to 760 GW"

The International Energy Agency:

"Offshore wind will be the no. 1 source of power generation in a carbon neutral Europe by 2040"

## Financing the green transition: The European Green Deal Investment Plan and Just Transition Mechanism

Latvia, as a member of the European Union, also necessarily participates in the implementation of the "Green Deal".

In September 2020, a new Law "Regulation on electricity production from renewable energy sources, as well as on pricing and monitoring procedures" was adopted. [see page 17](#)

# Stage I.

APAELLA wind power  
plant – 18 MW

&

ALMEZ wind power  
plant – 18 MW

Final power value can be changed depending on applied turbines. In the range to 36 MW.

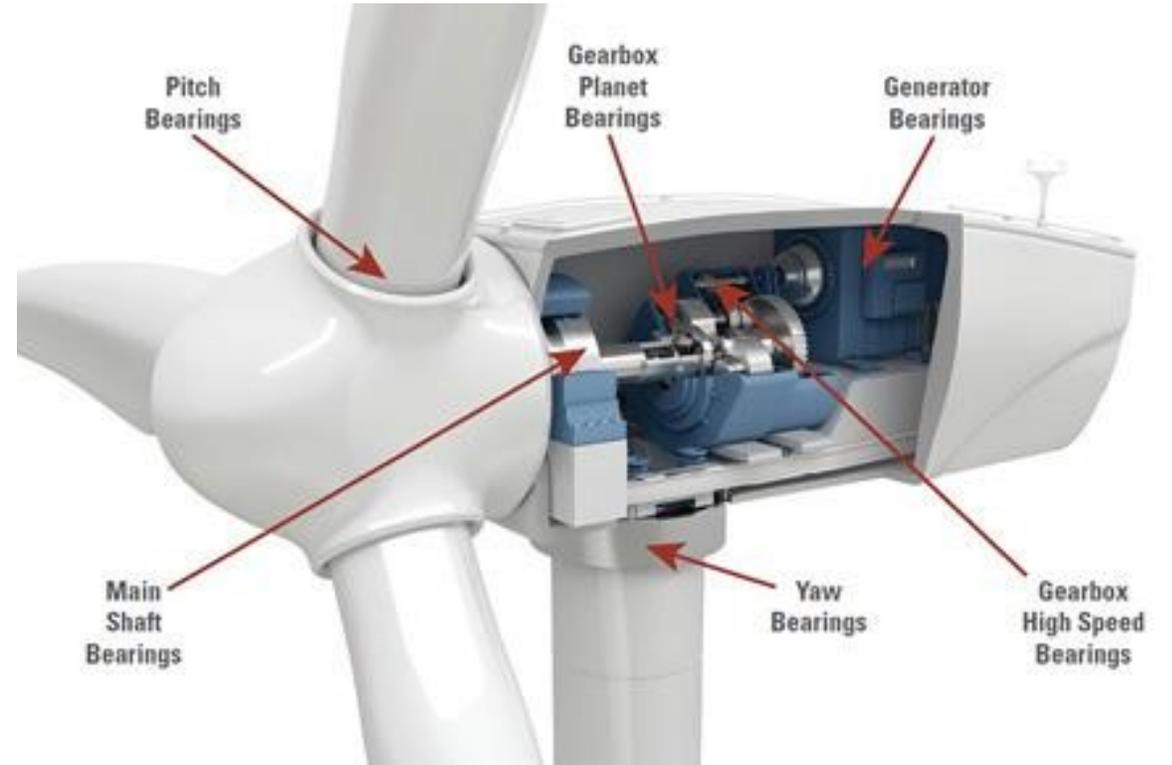
## Apaela LLC & Almez LLC

Our companies APAELLA and ALMEZ have carefully prepared two projects of wind power plants for implementation. Our location is EU, Latvia, Latgale (South-East of Latvia). Companies are residents of Latvia.

# Wind generation technology.

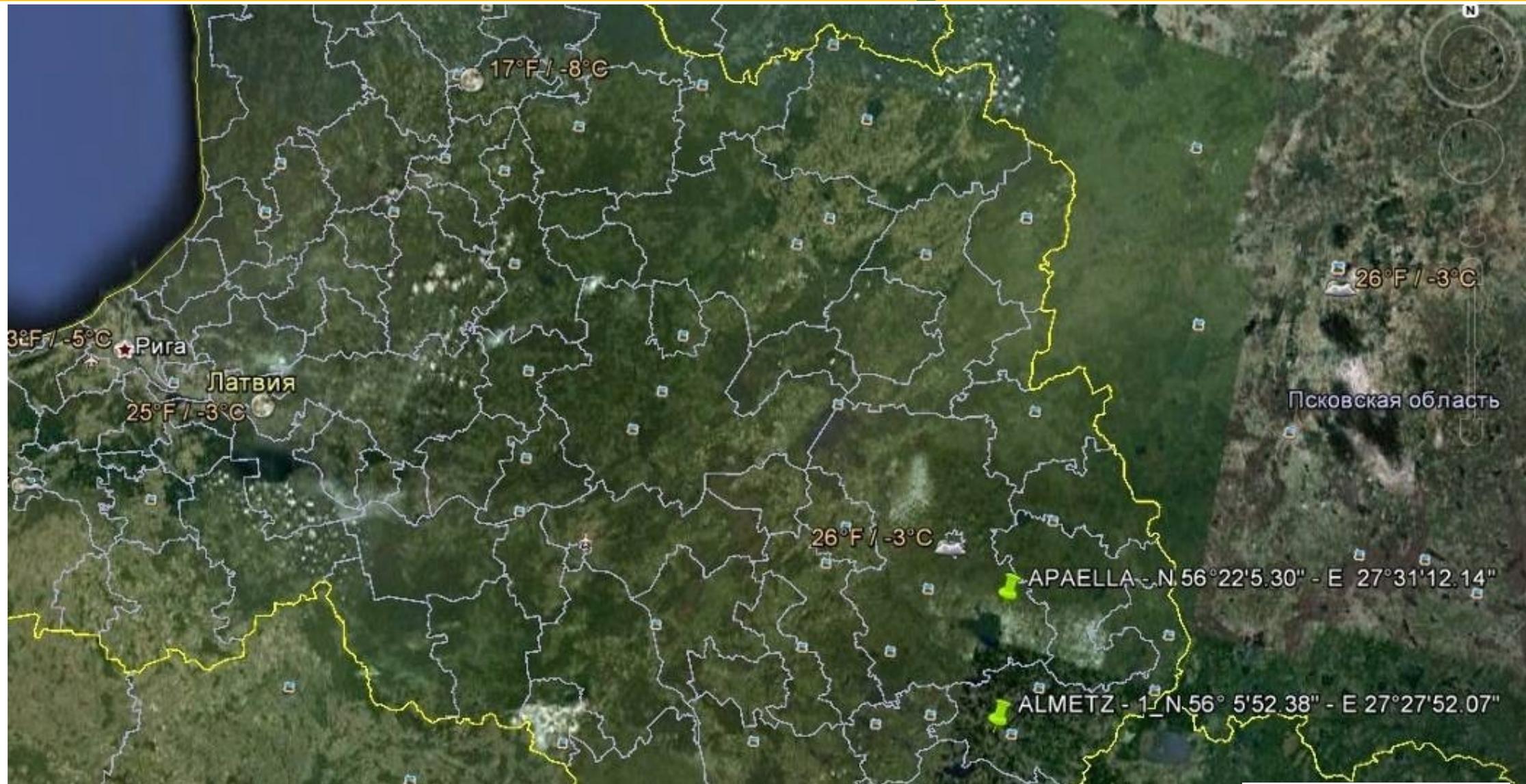


Apaela wind park – 4 turbines of 4.50 MW each. 18 MW in total.  
&  
Almez wind park – 4 turbines of 4,50 MW each. 18 MW in total.

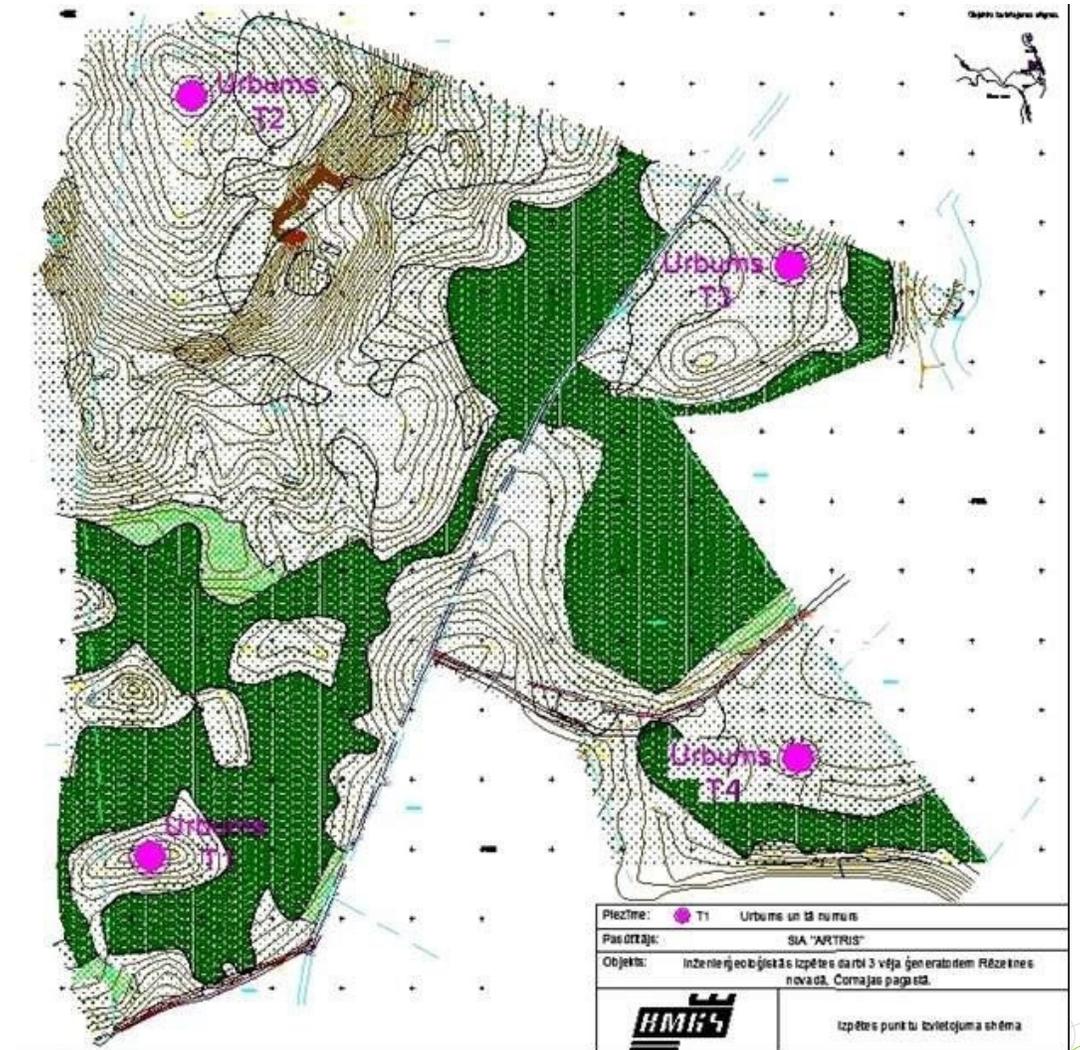


Wind turbines with a horizontal axis of rotation.  
The height of the generator tower is up to 145 m.  
Rotor diameter up to 155 m. (Dongfang Co)

# APAELLA & ALMETZ wind parks location.

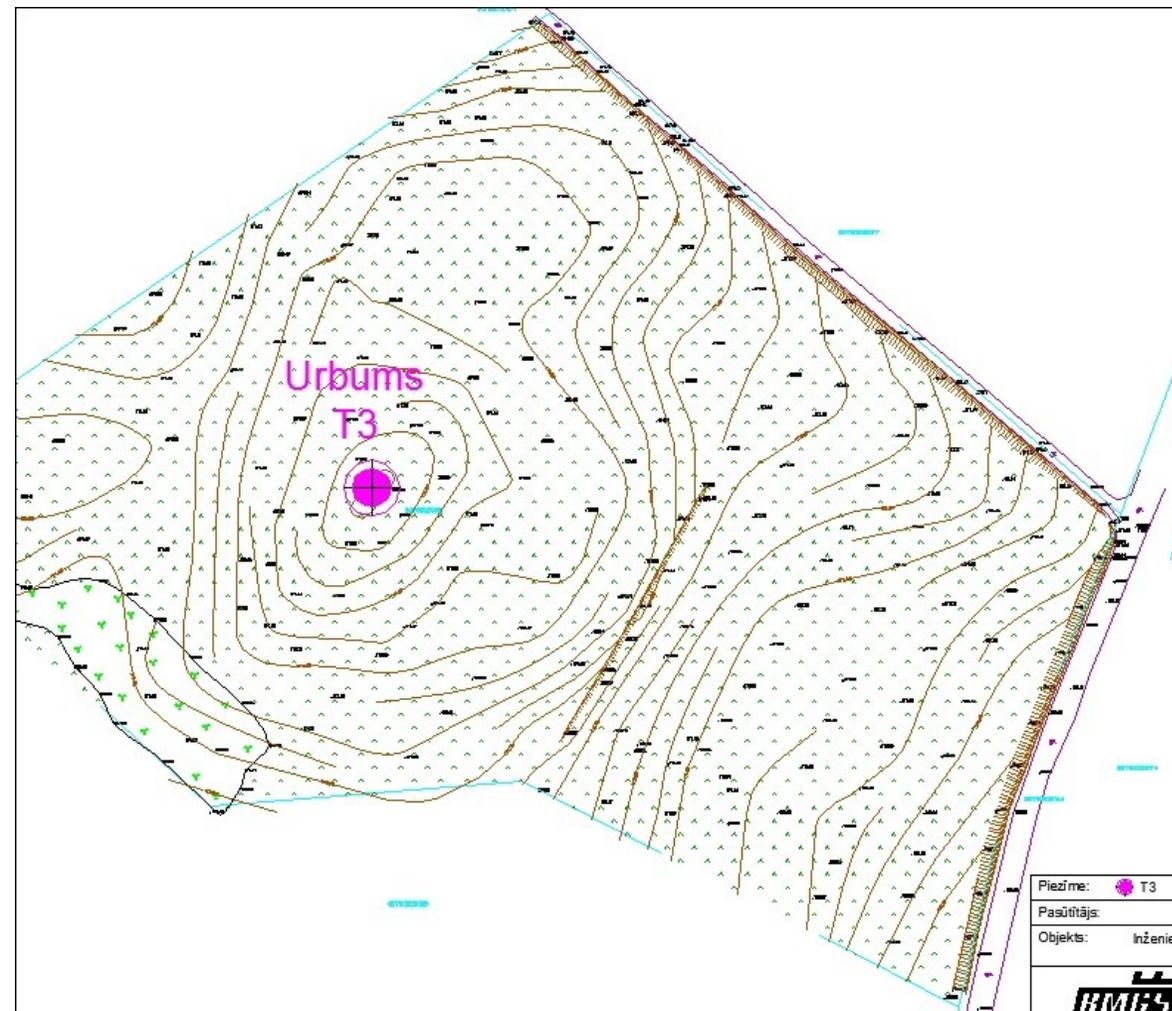
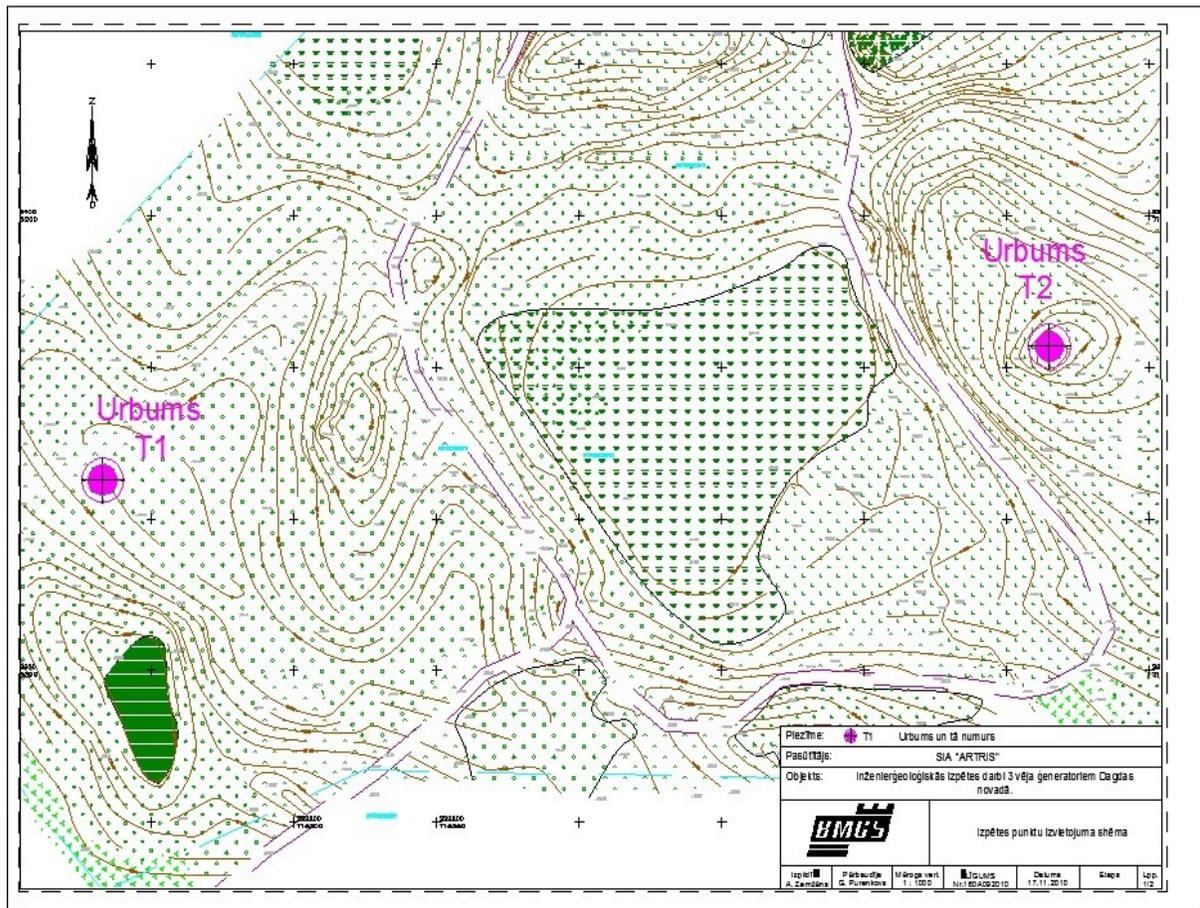


# APAELLA - 28.9 ha, layout and topography.



# ALMEZ - 24 ha, layout and topography.





# Permissions.



Ekonomikas ministrija

3100, fakss 67280882, e-pasts [pasts@em.gov.lv](mailto:pasts@em.gov.lv), [www.em.gov.lv](http://www.em.gov.lv)

## Lēmums

Rīgā

1-4/2018/461

**SIA "ALMEZ"**  
**Reģ. Nr.40003864903**  
Mazā Zolitūdes iela 14A  
Rīga, LV-1029  
e-pasts: [alb112@inbox.lv](mailto:alb112@inbox.lv)

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**AS "Augstsprieguma tīkls"**  
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3100, fakss 67280882, e-pasts [pasts@em.gov.lv](mailto:pasts@em.gov.lv), [www.em.gov.lv](http://www.em.gov.lv)

## Lēmums

Rīgā

1-4/2018/458

**SIA "APAELLA"**  
**Reģ. Nr.40003681371**  
Mazā Zolitūdes iela 14A  
Rīga, LV-1029  
e-pasts: [alb112@inbox.lv](mailto:alb112@inbox.lv)

Informācijai:  
**AS "Augstsprieguma tīkls"**  
[ast@ast.lv](mailto:ast@ast.lv)

# Permissions. &

## APAELLA

## ALMEZ

1	Resolution local governments after a public discussion of the project.	Permit self <b>Čornajas pag. Rēzeknes nov.</b> for the construction of wind farms. № 10 of 19.09.2007 - <i>actual</i>	1	Resolution local governments after a public discussion of the project.	Permit self <b>Konstantinovas pag. Kraslavas nov.</b> for the construction of wind farms. № 04 of 16.05.2007 - <i>actual</i>
2	Final approval of the Ministry of Environment, <i>after studying</i> the impact of the project on the environment.	The tasks of the <b>Ministry of Environment, Regional Office Rēzekne</b> : <i>actual, need to confirm</i>	2	Final approval of the Ministry of Environment, <i>after studying</i> the impact of the project on the environment.	The tasks of the <b>Ministry of Environment, Regional Office Daugavpils</b> : <i>actual, need to confirm</i>
3	<u><b>The main and crucial document</b></u> - Ministry of Economy LR Decision On permission for new electricity production equipment introduction	<b>No. 2.8.1-4 / 2018/458 - actual until November 2023</b>	3	<u><b>The main and crucial document</b></u> - Ministry of Economy LR Decision On permission for new electricity production equipment introduction	<b>No. 2.8.1-4 / 2018/461 - actual until November 2023</b>
4	Permission to connect to the network government public power company SC "High-voltage Network"	"Electrical Installation Specification (design task)» from <b>"High-voltage Network"</b> – <i>actual, need to confirm</i>	4	Permission to connect to the network government public power company SC "High-voltage Network"	"Electrical Installation Specification (design task)» from <b>"High-voltage Network"</b> – <i>actual, need to confirm</i>

## Investments, cost of construction of the APAELLA park – 20, 256 mln. EUR.

The cost of turbines (820) per 1 MW

Power: 18.00 MW

No	Description	1 year												2 year				total	
		I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	I	II	III	IV		
1	<b>Engineering design</b>	(55)	-	(55)	(36)	-	-	-	-	-	-	-	-	-	-	-	-	-	(145)
2	<b>Manufacturing and installation of foundations WTG (n) piec</b>	-	-	-	-	(382)	(382)	-	(382)	-	-	-	(382)	-	-	-	-	-	(1 527)
3	<b>WTG Manufacturing - (n) piec</b>	-	(2 952)	-	-	-	(2 952)	-	-	(2 952)	-	-	(2 952)	(1 476)	-	(738)	(738)	(14 760)	
4	<b>Installation of 20kV cable connection ~ 15 + 8 km</b>	-	-	-	-	(300)	(200)	(200)	(200)	-	(100)	(100)	(100)	-	(150)	(150)	-	(1 500)	
5	<b>Building the new HV station substation</b>	-	-	-	-	-	-	-	-	(410)	-	(295)	-	-	(295)	-	-	(1 000)	
6	<b>Project management</b>	(27)	(27)	(27)	(24)	(24)	(24)	(24)	(24)	(24)	(24)	(24)	(24)	(24)	(24)	(24)	(24)	(395)	
7	<b>All Risk Insurance</b>	(86)	-	-	-	-	-	-	-	-	-	-	-	(29)	-	-	-	(115)	
8	<b>Verification of wind measurement 2009 - 2010 - 2011 years</b>	(64)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(64)	
9	<b>Unplanned expenses 3%</b>	(8)	(115)	(3)	(2)	(27)	(137)	(8)	(23)	(131)	(5)	(16)	(133)	(59)	(18)	(35)	(29)	(750)	
10	<b>Total capital expenditure:</b>	<b>(240)</b>	<b>(3 094)</b>	<b>(85)</b>	<b>(63)</b>	<b>(733)</b>	<b>(3 695)</b>	<b>(233)</b>	<b>(629)</b>	<b>(3 517)</b>	<b>(129)</b>	<b>(435)</b>	<b>(3 591)</b>	<b>(1 587)</b>	<b>(487)</b>	<b>(947)</b>	<b>(791)</b>	<b>(20 256)</b>	
11	<b>VAT</b>	(25)	(620)	(11)	(8)	(143)	(742)	(42)	(122)	(706)	(21)	(83)	(721)	(310)	(93)	(186)	(155)	(3 989)	
12	<b>Government grants</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13	<b>3rd party Investments</b>	265	3 714	96	70	876	4 437	275	751	4 223	150	518	4 312	1 897	581	1 134	946	<b>24 245</b>	
14	<b>Investments total</b>	265	3 714	96	70	876	4 437	275	751	4 223	150	518	4 312	1 897	581	1 134	946	24 245	
15	<b>Balance</b>	-	0	(0)	0	(0)	0	(0)	(0)	0	(0)	0	0	(0)	0	(0)	(0)	(0)	

- Cost of construction of the park (loans needed) is around – 24, 245 mln. EURO (**20, 256 mln. EURO without VAT**), where ~3, 989 mln. EURO is VAT to be repaid by the government as park starts operating. If the investment – 20, 256 mln. EURO - is in a form of loan, it will be easily repaid within ~9 years period @ 2,50 %.

# Investments, cost of construction of the ALMEZ park – 19, 737 mln. EUR.

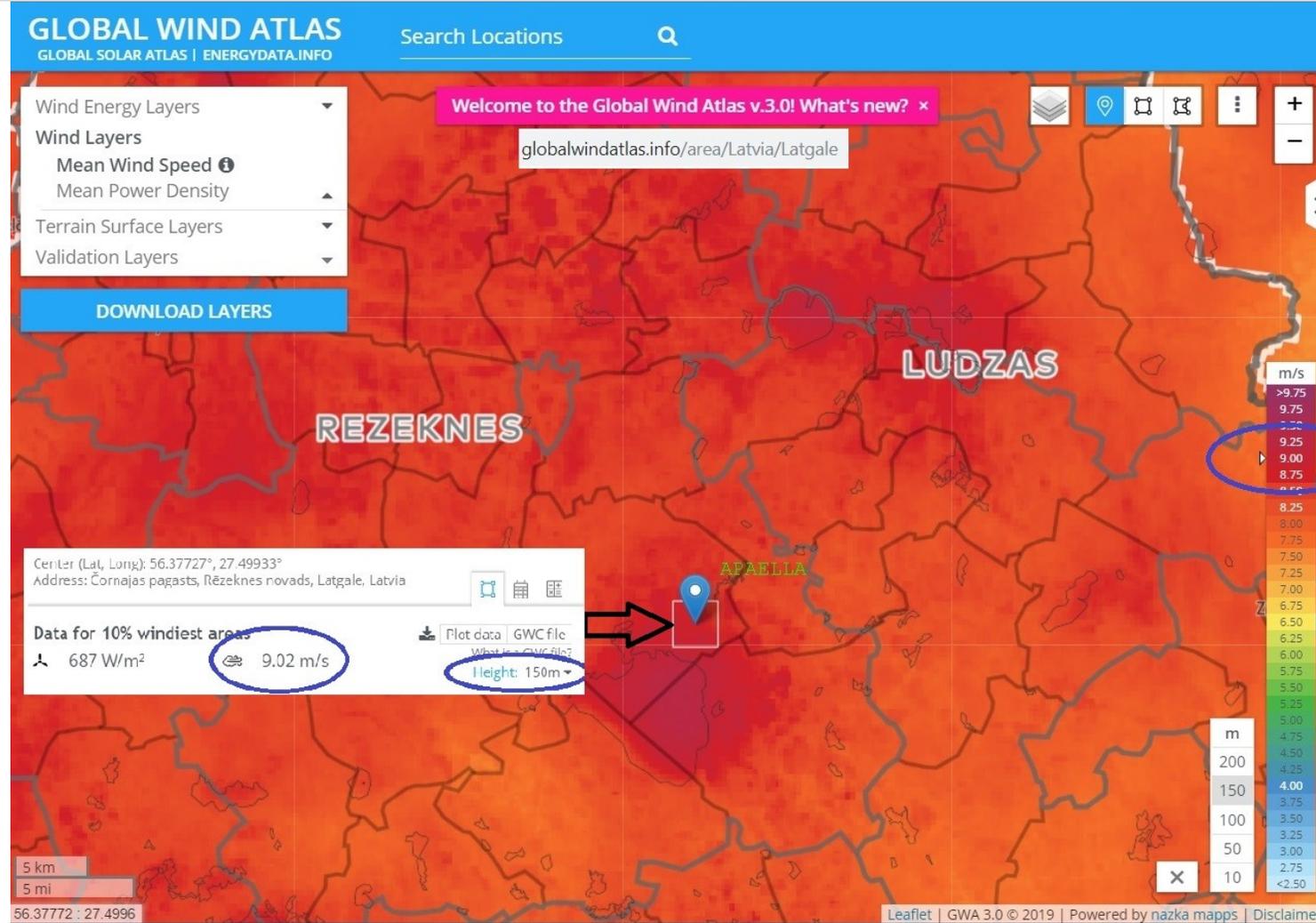
The cost of turbines (820) per 1 MW

Power: 18.00 MW

No	Description	1 year												2 year				total	
		I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	I	II	III	IV		
1	<b>Engineering design</b>	(55)	-	(55)	(36)	-	-	-	-	-	-	-	-	-	-	-	-	-	(145)
2	<b>Manufacturing and installation of foundations WTG (n) piec</b>	-	-	-	-	(382)	(382)	-	(382)	-	-	-	(382)	-	-	-	-	-	(1 527)
3	<b>WTG Manufacturing - (n) piec</b>	-	(2 952)	-	-	-	(2 952)	-	-	(2 952)	-	-	(2 952)	(1 476)	-	(738)	(738)	(14 760)	
4	<b>Installation of 20kV cable connection ~ 15 + 8 km</b>	-	-	-	-	(300)	(200)	(100)	(100)	-	(100)	(50)	(50)	-	(50)	(50)	-	(1 000)	
5	<b>Building the new HV station substation</b>	-	-	-	-	-	-	-	-	(410)	-	(295)	-	-	(295)	-	-	(1 000)	
6	<b>Project management</b>	(27)	(27)	(27)	(24)	(24)	(24)	(24)	(24)	(24)	(24)	(24)	(24)	(24)	(24)	(24)	(24)	(395)	
7	<b>All Risk Insurance</b>	(86)	-	-	-	-	-	-	-	-	-	-	-	(29)	-	-	-	(115)	
8	<b>Verification of wind measurement 2009 - 2010 - 2011 years</b>	(64)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(64)	
9	<b>Unplanned expenses 3%</b>	(8)	(115)	(3)	(2)	(27)	(137)	(5)	(19)	(131)	(5)	(14)	(131)	(59)	(14)	(31)	(29)	(731)	
10	<b>Total capital expenditure:</b>	<b>(240)</b>	<b>(3 094)</b>	<b>(85)</b>	<b>(63)</b>	<b>(733)</b>	<b>(3 695)</b>	<b>(129)</b>	<b>(525)</b>	<b>(3 517)</b>	<b>(129)</b>	<b>(383)</b>	<b>(3 539)</b>	<b>(1 587)</b>	<b>(383)</b>	<b>(843)</b>	<b>(791)</b>	<b>(19 737)</b>	
11	<b>VAT</b>	(25)	(620)	(11)	(8)	(143)	(742)	(21)	(101)	(706)	(21)	(72)	(711)	(310)	(72)	(165)	(155)	(3 884)	
12	<b>Government grants</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13	<b>3rd party Investments</b>	265	3 714	96	70	876	4 437	150	626	4 223	150	456	4 250	1 897	456	1 009	946	<u>23 621</u>	
14	<b>Investments total</b>	265	3 714	96	70	876	4 437	150	626	4 223	150	456	4 250	1 897	456	1 009	946	23 621	
15	<b>Balance</b>	-	0	(0)	0	(0)	0	0	(0)	0	(0)	(0)	(0)	(0)	(0)	0	0		

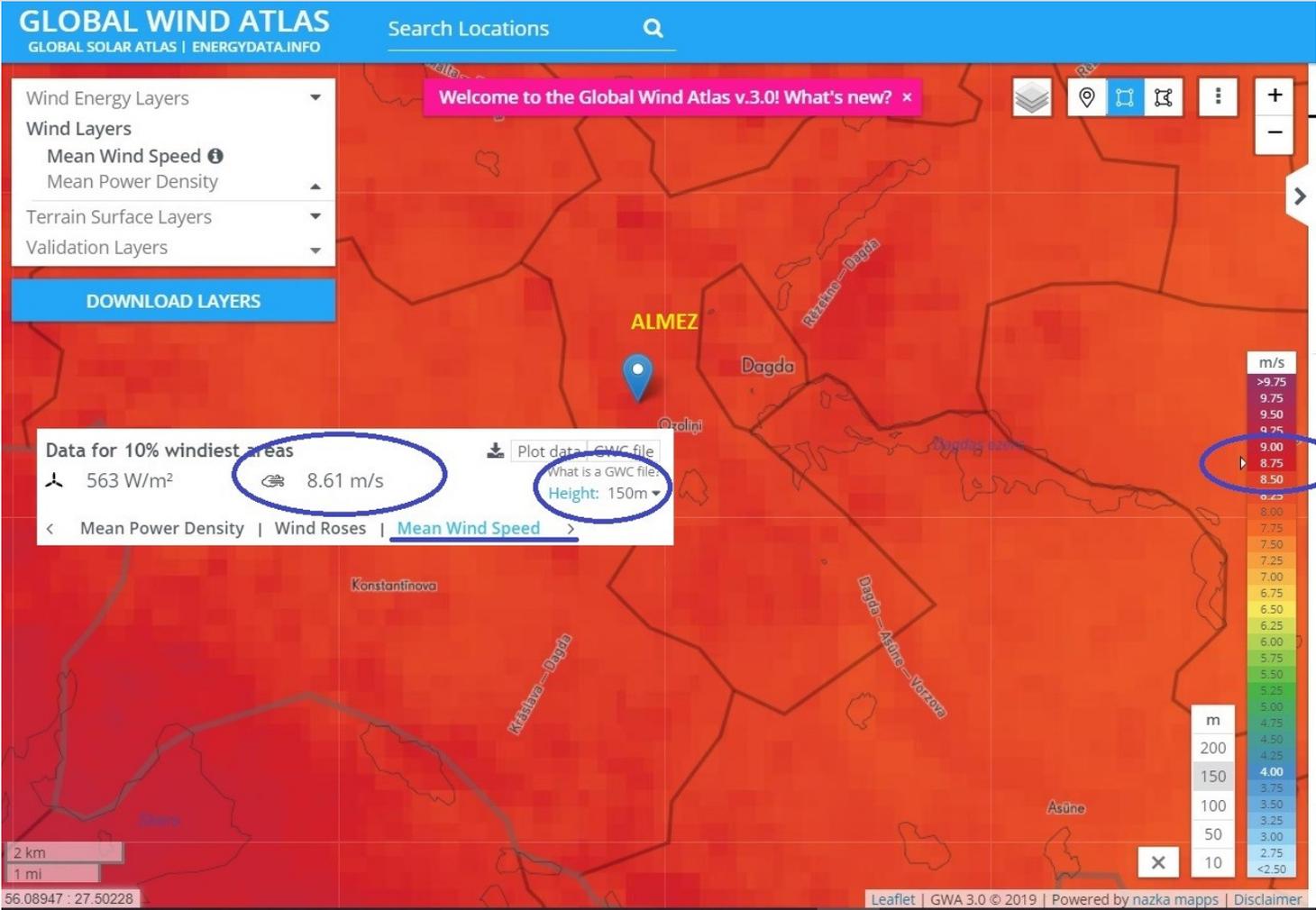
- Cost of construction of the park (loans needed) is around – 23, 621 mln. EURO (**19, 737 mln. EURO without VAT**), where ~3, 884 mln. EURO is VAT to be repaid by the government as park starts operating. If the investment – 19, 737 mln. EURO - is in a form of loan, it will be easily repaid within ~9 years period @ 2,50 %

# APAELLA wind speed at the site.



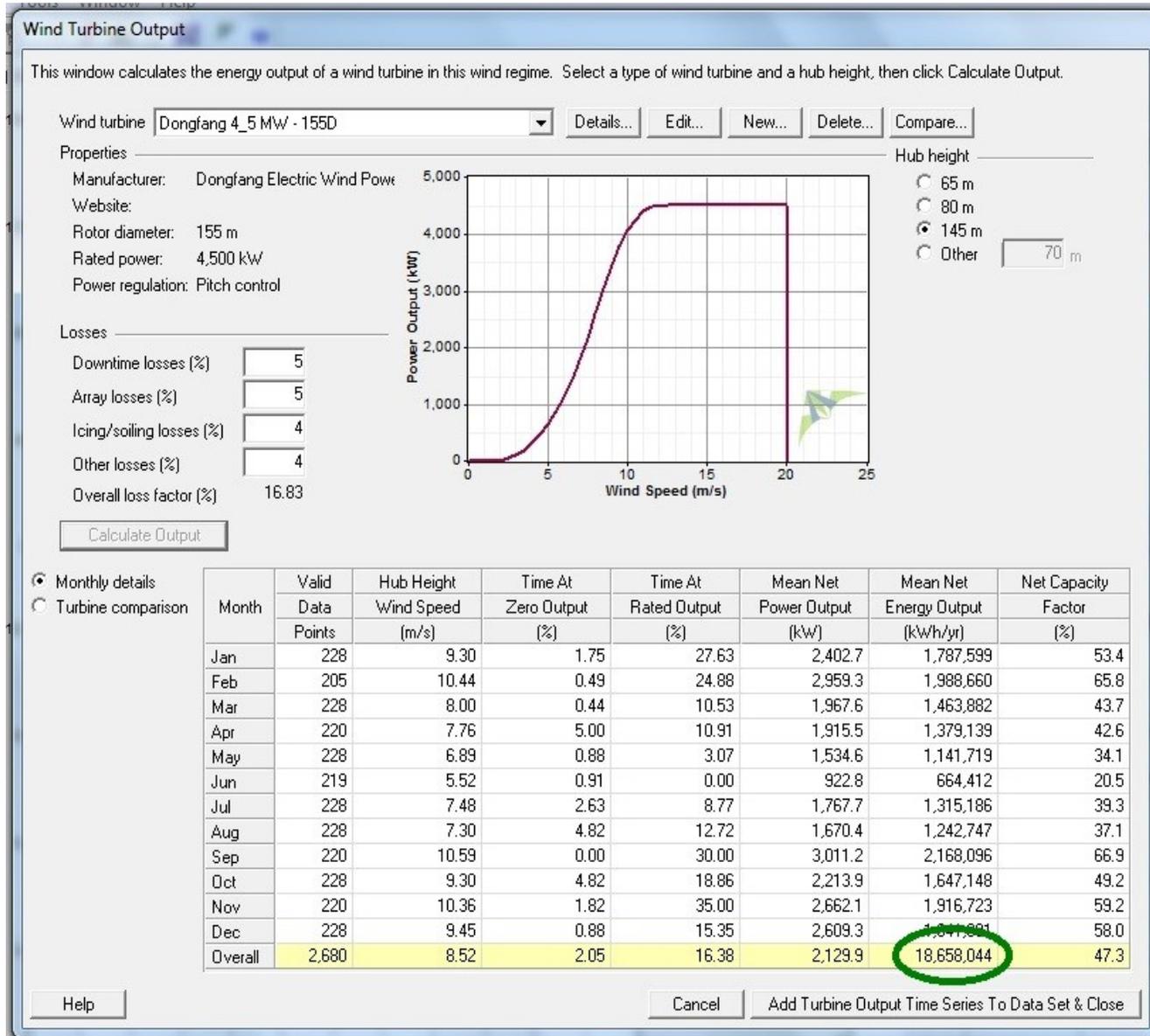
- **Attention!** Sophisticated equipment was installed and measurements of the wind speed were conducted and recorded at 3-hour intervals at a height of 40 meters. Then the calculation of the wind speed at an **altitude of 110m** was made. Taking the example of the first site, near Rezekne, THE MOST PESSIMISTIC result is **7,36 m/sec (average annual wind speed) APAELLA wind park.**

# ALMEZ wind speed at the site.



- **Attention!** Sophisticated equipment was installed and measurements of the wind speed were conducted and recorded at 3-hour intervals at a height of 40 meters. Then the calculation of the wind speed at an **altitude of 110m** was made. Taking the example of the first site, near Dagda, THE MOST PESSIMISTIC result is **7, 20 m/sec (average annual wind speed) ALMEZwind park.**

# Calculation energy output/NCF at the APAELLA site. (1 turbine in year)



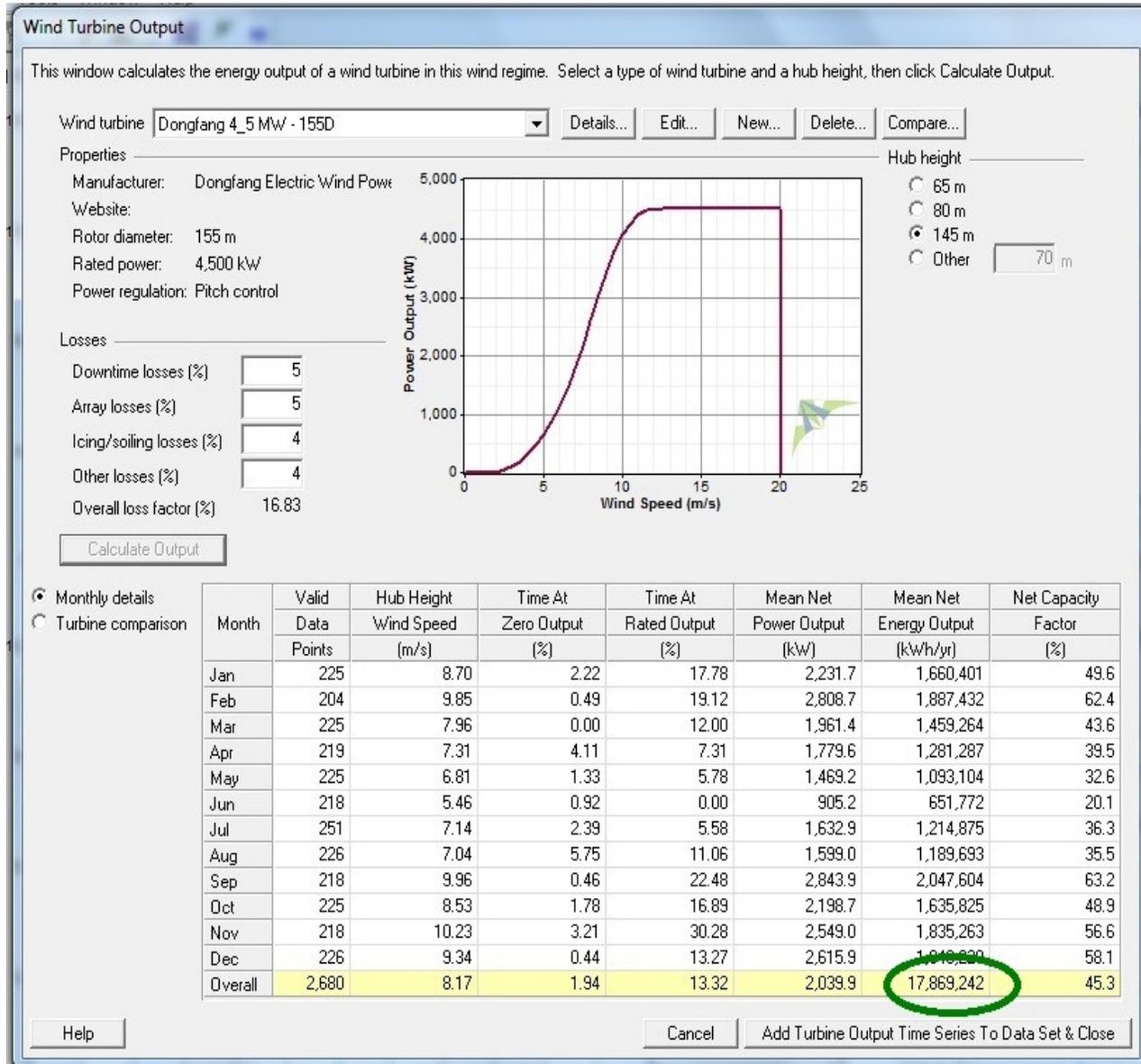
- The Power generation from one WTG Dongfang 4.5 MW 145 HH, 155D of the APAELLA wind farm will – **18 658 MW.h.in year.**

- Total generation of 4 turbines of 4.5 MW each (total 18 MW) of the APAELLA wind farm will – **74 632 MW.h. in year**

Or **~4 150 MWh.** per year from 1 MW of plant capacity.

Further, in the calculation Schedule of investments, Income and Cash flow, we use this figure: **4 150 MWh.** per year from 1 MW.

# Calculation energy output/NCF at the ALMEZ site. (1 turbine in year)



- The Power generation from one WTG Dongfang 4.5 MW 145 HH, 155D of the ALMEZ wind farm will – **17 869 MW.h.in year.**

- Total generation of 4 turbines of 4.5 MW each (total 18 MW) of the APAELLA wind farm will – **71 476 MW.h. in year**

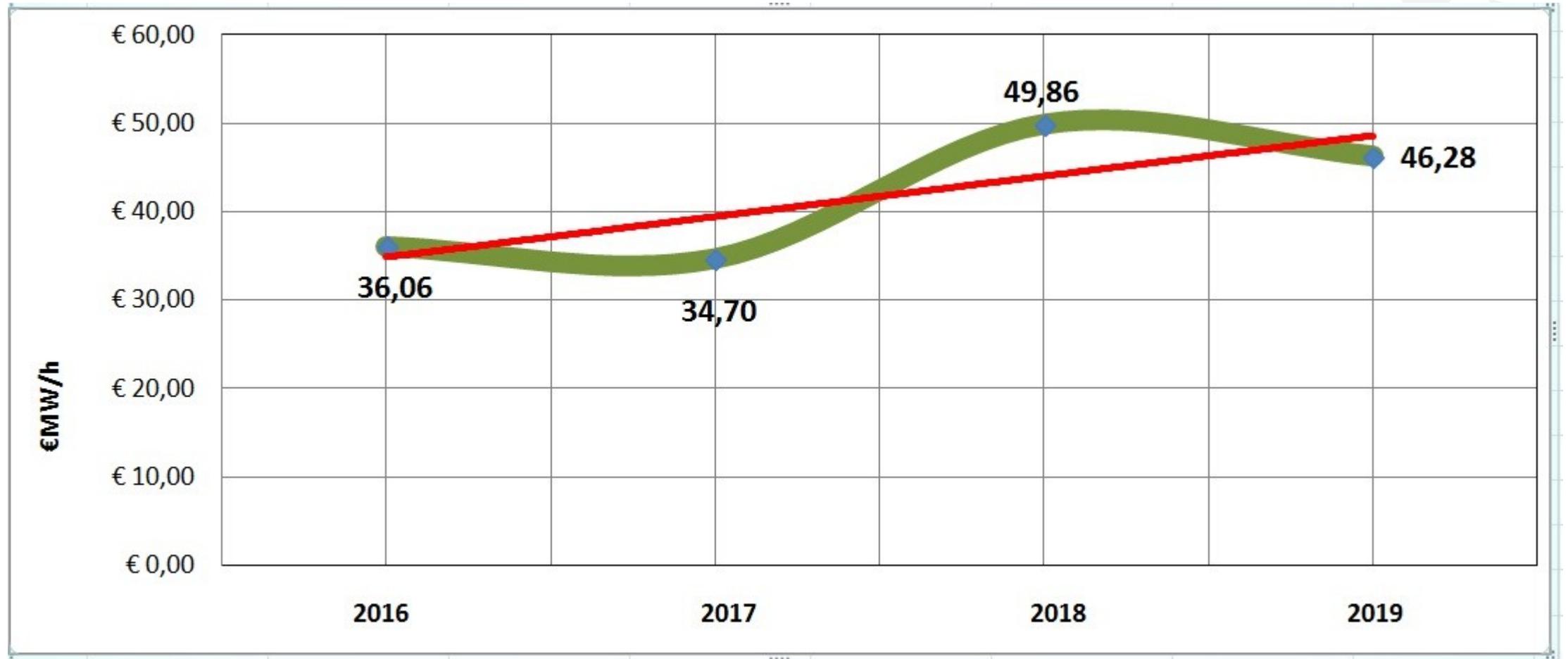
Or **~3 970 MWh.** per year from **1 MW** of plant capacity.

Further, in the calculation Schedule of investments, Income and Cash flow, we use this figure: **3 970 MWh.** per year from **1 MW.**

## Electricity sales strategy.

- The project has three (3) variants sale of electricity:
- The sale of electricity to Public Trader (state company Latvenergo).
- According to the terms of the Energy Legislation in Latvia\* - **Public Trader (Latvenergo) is obliged to buy electricity from renewable energy projects** and wind power as well. The Public Trader buys electricity from wind farms at the price of the:
  - NORDPOOL exchange plus compensation for CO2 emission quotas.
  - or,*
  - at a price (feed-in tariff) that guarantees Projects - IRR 9%
- \*Regulations on electricity generation from renewable energy sources, as well as on pricing procedures and monitoring
- \*Electricity Market Law
- Electricity sales on the exchange NORDPOOL.
- No obstacles to sell electricity on the stock exchange independent. Registration and start trading - usual, formal process. The whole economy of projects based on the exchange prices. See <http://www.nordpoolspot.com/>
- Electricity sales to the final consumer.
- "APAELLA" LLC and "ALMEZ" LLC are licensed by the PUBLIC UTILITIES COMMISSION to trade (buying and selling) of electricity. Enough to type a few large customers (municipalities, industrial and agricultural enterprises) that could sell whole volume of the generated electricity.

# NORDPOOL LV zone\_prices tendency 2016 -2019



# APABELLA 18 MW incoming and KEY POINT INDICATORS

(feed-in tariff ) that governmental guarantees Projects - IRR 9%

Pessimistic scenario AEP - 4 150 MWh / year from 1 MW power

## Cash Flow statement (EUR'000)

No	Name / Year	1 year of operation	2 year of operation	3 year of operation	4 year of operation	5 year of operation	6 year of operation	7 year of operation	8 year of operation	9 year of operation	10 year of operation
<b>1</b>	<b>OPERATING CASH FLOW</b>										
1,1	EBITDA (Earnings before interest depreciation and taxes)	2995,505	2995,505	2953,72	2953,7196	2953,72	2953,7196	2953,7196	2953,72	2953,72	2953,72
1,2	Interest paid	(606)	(450)	(394)	(338)	(281)	(225)	(169)	(113)	(56)	(0)
1,3	Income tax paid	-	(153)	(81)	(84)	(87)	(89)	(92)	(95)	(98)	(101)
<b>2</b>	<b>NET OPERATING CASH FLOW</b>	<b>2 389</b>	<b>2 393</b>	<b>2 479</b>	<b>2 532</b>	<b>2 586</b>	<b>2 639</b>	<b>2 693</b>	<b>2 746</b>	<b>2 800</b>	<b>2 853</b>
<b>3</b>	<b>INVESTING CASH FLOW</b>										
3.1	Capital expenditures	(20 256)									
3.2	VAT paid	(3 989)									
<b>4</b>	<b>NET INVESTING CASH FLOW</b>	<b>(24 245)</b>	<b>-</b>								
<b>5</b>	<b>FINANCING CASH FLOW</b>										
5,1	Government grants	-									
5,2	Shareholders Funds	-									
5,3	Loan	24 245									
5,4	VAT reimbursement	3 989									
5,5	Loan repayment	(6 240)	(2 251)	(2 251)	(2 251)	(2 251)	(2 251)	(2 251)	(2 251)	(2 251)	-
<b>6</b>	<b>NET FINANCING CASH FLOW</b>	<b>21 995</b>	<b>(2 251)</b>	<b>-</b>							
<b>7</b>	<b>Net increase (decrease) in cash</b>	<b>139</b>	<b>142</b>	<b>228</b>	<b>282</b>	<b>335</b>	<b>389</b>	<b>442</b>	<b>495</b>	<b>549</b>	<b>2 853</b>
<b>8</b>	<b>Cash and cash equivalents, beginning of year</b>	<b>-</b>	<b>139</b>	<b>281</b>	<b>509</b>	<b>790</b>	<b>1 125</b>	<b>1 514</b>	<b>1 956</b>	<b>2 451</b>	<b>3 000</b>
<b>9</b>	<b>Cash and cash equivalents, end of year</b>	<b>139</b>	<b>281</b>	<b>509</b>	<b>790</b>	<b>1 125</b>	<b>1 514</b>	<b>1 956</b>	<b>2 451</b>	<b>3 000</b>	<b>5 853</b>

## KEY POINT INDICATORS

<b>Peak funding</b>	<b>(24 245)</b>
<b>Payback (Years)</b>	<b>9,35</b>
<b>Discount rate</b>	<b>2,50%</b>
<b>NPV</b>	<b>17 577</b>
<b>PI</b>	<b>72,5%</b>
<b>IRR</b>	<b>9,00%</b>
<b>ROI</b>	<b>39,0%</b>

# APABELLA 18 MW incoming and KEY POINT INDICATORS

## Price NORDPOOL exchange plus compensation for CO2 emission quotas

Pessimistic scenario AEP - 4 150 MWh / year from 1 MW power

### Cash Flow statement (EUR'000)

No	Name / Year	1 year of operation	2 year of operation	3 year of operation	4 year of operation	5 year of operation	6 year of operation	7 year of operation	8 year of operation	9 year of operation	10 year of operation
<b>1</b>	<b>OPERATING CASH FLOW</b>										
1,1	EBITDA (Earnings before interest depreciation and taxes)	3 699	3 699	3 657	3 657	3 657	3 657	3 657	3 657	3 657	3 657
1,2	Interest paid	(606)	(434)	(362)	(289)	(217)	(145)	(72)	-	-	-
1,3	Income tax paid	-	(224)	(118)	(121)	(125)	(129)	(132)	(136)	(136)	(136)
<b>2</b>	<b>NET OPERATING CASH FLOW</b>	<b>3 092</b>	<b>3 041</b>	<b>3 177</b>	<b>3 246</b>	<b>3 315</b>	<b>3 383</b>	<b>3 452</b>	<b>3 521</b>	<b>3 521</b>	<b>3 521</b>
<b>3</b>	<b>INVESTING CASH FLOW</b>										
3.1	Capital expenditures	(20 256)									
3.2	VAT paid	(3 989)									
<b>4</b>	<b>NET INVESTING CASH FLOW</b>	<b>(24 245)</b>	<b>-</b>								
<b>5</b>	<b>FINANCING CASH FLOW</b>										
5,1	Government grants	-									
5,2	Shareholders Funds	-									
5,3	Loan	24 245									
5,4	VAT reimbursement	3 989									
5,5	Loan repayment	(6 883)	(2 894)	(2 894)	(2 894)	(2 894)	(2 894)	(2 894)	-	-	-
<b>6</b>	<b>NET FINANCING CASH FLOW</b>	<b>21 352</b>	<b>(2 894)</b>	<b>-</b>	<b>-</b>	<b>-</b>					
<b>7</b>	<b>Net increase (decrease) in cash</b>	<b>199</b>	<b>147</b>	<b>284</b>	<b>352</b>	<b>421</b>	<b>490</b>	<b>558</b>	<b>3 521</b>	<b>3 521</b>	<b>3 521</b>
<b>8</b>	<b>Cash and cash equivalents, beginning of year</b>	<b>-</b>	<b>199</b>	<b>346</b>	<b>629</b>	<b>981</b>	<b>1 403</b>	<b>1 892</b>	<b>2 451</b>	<b>5 972</b>	<b>9 493</b>
<b>9</b>	<b>Cash and cash equivalents, end of year</b>	<b>199</b>	<b>346</b>	<b>629</b>	<b>981</b>	<b>1 403</b>	<b>1 892</b>	<b>2 451</b>	<b>5 972</b>	<b>9 493</b>	<b>13 013</b>

### KEY POINT INDICATORS

<b>Peak funding</b>	<b>(24 245)</b>
<b>Payback (Years)</b>	<b>7,44</b>
<b>Discount rate</b>	<b>2,50%</b>
<b>NPV</b>	<b>28 138</b>
<b>PI</b>	<b>116,1%</b>
<b>IRR</b>	<b>12,41%</b>
<b>ROI</b>	<b>46,9%</b>

# ALMEZ 18 MW incoming and KEY POINT INDICATORS

(feed-in tariff ) that governmental guarantees Projects - IRR 9%

Pessimistic scenario AEP - 3 970 MWh / year from 1 MW power

Cash Flow statement (EUR'000)

No	Name / Year	1 year of operation	2 year of operation	3 year of operation	4 year of operation	5 year of operation	6 year of operation	7 year of operation	8 year of operation	9 year of operation	10 year of operation
<b>1</b>	<b>OPERATING CASH FLOW</b>										
1,1	EBITDA (Earnings before interest depreciation and taxes)	2 918	2 918	2 876	2 876	2 876	2 876	2 876	2 876	2 876	2 876
1,2	Interest paid	(591)	(439)	(384)	(329)	(274)	(219)	(164)	(110)	(55)	-
1,3	Income tax paid	-	(149)	(79)	(82)	(84)	(87)	(90)	(93)	(95)	(98)
<b>2</b>	<b>NET OPERATING CASH FLOW</b>	<b>2 328</b>	<b>2 331</b>	<b>2 414</b>	<b>2 466</b>	<b>2 518</b>	<b>2 570</b>	<b>2 622</b>	<b>2 674</b>	<b>2 726</b>	<b>2 778</b>
<b>3</b>	<b>INVESTING CASH FLOW</b>										
3.1	Capital expenditures	(19 737)									
3.2	VAT paid	(3 884)									
<b>4</b>	<b>NET INVESTING CASH FLOW</b>	<b>(23 621)</b>	<b>-</b>								
<b>5</b>	<b>FINANCING CASH FLOW</b>										
5,1	Government grants	-									
5,2	Shareholders Funds	-									
5,3	Loan	23 621									
5,4	VAT reimbursment	3 884									
5,5	Loan repayment	(6 077)	(2 193)	(2 193)	(2 193)	(2 193)	(2 193)	(2 193)	(2 193)	(2 193)	-
<b>6</b>	<b>NET FINANCING CASH FLOW</b>	<b>21 428</b>	<b>(2 193)</b>	<b>-</b>							
<b>7</b>	<b>Net increase (decrease) in cash</b>	<b>135</b>	<b>138</b>	<b>221</b>	<b>273</b>	<b>325</b>	<b>377</b>	<b>429</b>	<b>481</b>	<b>533</b>	<b>2 778</b>
<b>8</b>	<b>Cash and cash equivalents, beginning of year</b>	<b>-</b>	<b>135</b>	<b>272</b>	<b>493</b>	<b>766</b>	<b>1 091</b>	<b>1 468</b>	<b>1 897</b>	<b>2 378</b>	<b>2 911</b>
<b>9</b>	<b>Cash and cash equivalents, end of year</b>	<b>135</b>	<b>272</b>	<b>493</b>	<b>766</b>	<b>1 091</b>	<b>1 468</b>	<b>1 897</b>	<b>2 378</b>	<b>2 911</b>	<b>5 690</b>

## KEY POINT INDICATORS

Peak funding	(23 621)
Payback (Years)	9,35
Discount rate	2,50%
NPV	17 107
PI	72,4%
IRR	9,00%
ROI	38,9%

# ALMEZ 18 MW incoming and KEY POINT INDICATORS

## Price NORDPOOL exchange plus compensation for CO2 emission quotas

Pessimistic scenario AEP - 3 970 MWh / year from 1 MW power

### Cash Flow statement (EUR'000)

№	Name / Year	1 year of operation	2 year of operation	3 year of operation	4 year of operation	5 year of operation	6 year of operation	7 year of operation	8 year of operation	9 year of operation	10 year of operation
<b>1</b>	<b>OPERATING CASH FLOW</b>										
1,1	EBITDA (Earnings before interest depreciation and taxes)	3 513	3 513	3 471	3 471	3 471	3 471	3 471	3 471	3 471	3 471
1,2	Interest paid	(591)	(423)	(352)	(282)	(211)	(141)	(70)	-	70	141
1,3	Income tax paid	-	(209)	(110)	(114)	(117)	(121)	(124)	(128)	(131)	(135)
<b>2</b>	<b>NET OPERATING CASH FLOW</b>	<b>2 922</b>	<b>2 881</b>	<b>3 008</b>	<b>3 075</b>	<b>3 142</b>	<b>3 209</b>	<b>3 276</b>	<b>3 343</b>	<b>3 410</b>	<b>3 477</b>
<b>3</b>	<b>INVESTING CASH FLOW</b>										
3.1	Capital expenditures	(19 737)									
3.2	VAT paid	(3 884)									
<b>4</b>	<b>NET INVESTING CASH FLOW</b>	<b>(23 621)</b>	<b>-</b>								
<b>5</b>	<b>FINANCING CASH FLOW</b>										
5,1	Government grants	-									
5,2	Shareholders Funds	-									
5,3	Loan	23 621									
5,4	VAT reimbursment	3 884									
5,5	Loan repayment	(6 704)	(2 820)	(2 820)	(2 820)	(2 820)	(2 820)	(2 820)	(2 820)	(2 820)	-
<b>6</b>	<b>NET FINANCING CASH FLOW</b>	<b>20 801</b>	<b>(2 820)</b>	<b>-</b>							
<b>7</b>	<b>Net increase (decrease) in cash</b>	<b>103</b>	<b>61</b>	<b>189</b>	<b>256</b>	<b>323</b>	<b>390</b>	<b>457</b>	<b>524</b>	<b>591</b>	<b>3 477</b>
<b>8</b>	<b>Cash and cash equivalents, beginning of year</b>	<b>-</b>	<b>103</b>	<b>164</b>	<b>353</b>	<b>609</b>	<b>932</b>	<b>1 322</b>	<b>1 778</b>	<b>2 302</b>	<b>2 893</b>
<b>9</b>	<b>Cash and cash equivalents, end of year</b>	<b>103</b>	<b>164</b>	<b>353</b>	<b>609</b>	<b>932</b>	<b>1 322</b>	<b>1 778</b>	<b>2 302</b>	<b>2 893</b>	<b>6 370</b>

### KEY POINT INDICATORS

Peak funding	(23 621)
Payback (Years)	7,63
Discount rate	2,50%
NPV	27 139
PI	114,9%
IRR	12,19%
ROI	45,0%

## Analysis of different sales strategies.

	<i>«Feed-in» tariff that <u>Governmental guarantees Projects</u> - IRR 9%</i>		<i>Price NORDPOOL exchange plus compensation for CO2 emission quotas</i>	
<b>Projects key indicators</b>	APAELLA 18 MW	ALMEZ 18 MW	APAELLA 18 MW	ALMEZ 18 MW
<b>Tariff (EUR/MW.h)</b>	<b>47,90</b>	<b>48,99</b>	<b>46,28</b>	<b>46,28</b>
<b>CO2 emission compensation (EUR/tn)</b>	<b>0</b>	<b>0</b>	<b>28,00</b>	<b>28,00</b>
<b>Cast to 1 MW.h price</b>	<b>47,90</b>	<b>48,99</b>	<b>57,31</b>	<b>57,31</b>
<b>Sales in year ( in EUR'000)</b>	<b>3 578</b>	<b>3 501</b>	<b>4 281</b>	<b>4 096</b>
<b>Peak funding (in EUR'000)</b>	<b>(24 245)</b>	<b>(23 621)</b>	<b>(24 245)</b>	<b>(23 621)</b>
<b>Payback (Years)</b>	<b>9,35</b>	<b>9,35</b>	<b>7,44</b>	<b>7,63</b>
<b>Discount rate</b>	<b>2,50%</b>	<b>2,50%</b>	<b>2,50%</b>	<b>2,50%</b>
<b>NPV</b>	<b>17 577</b>	<b>17 107</b>	<b>28 138</b>	<b>27 139</b>
<b>PI</b>	<b>72,5%</b>	<b>72,4%</b>	<b>116,1%</b>	<b>114,9%</b>
<b>IRR</b>	<b>9,00%</b>	<b>9,00%</b>	<b>12,41%</b>	<b>12,19%</b>
<b>ROI</b>	<b>39,0%</b>	<b>39,0%</b>	<b>46,9%</b>	<b>45,0%</b>

-Note. This is a pattern. The more reliable guarantee (**Governmental guarantees Projects - IRR 9%**), the lower the yield. And the higher the risk (price NORDPOOL exchange plus compensation for CO2 emission quotas), the higher the yield.

### Resume!

- Analysis of sales strategies shows: whichever option we choose, our Projects are profitable in any case. The only difference is the return on investment (Payback).
- With a guaranteed sale to the Government - 9 years.
- When selling on the market at the prices of the NORDPOOL exchange and compensating for CO2 emissions - 7.5 years.

## Stage II.

**Ambition and potential APAELLA LLC & ALMEZ LLC  
EU. Latvia**

Plus 63 MW wind power generation  
99 MW total

Real projects of the  
"European Green Deal"

# Permissions, with the possibility of increasing to 66 MW power.



Ekonomikas ministrija

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## Lēmums

Rīgā

1-4/2018/461

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## Lēmums

Rīgā

1-4/2018/458

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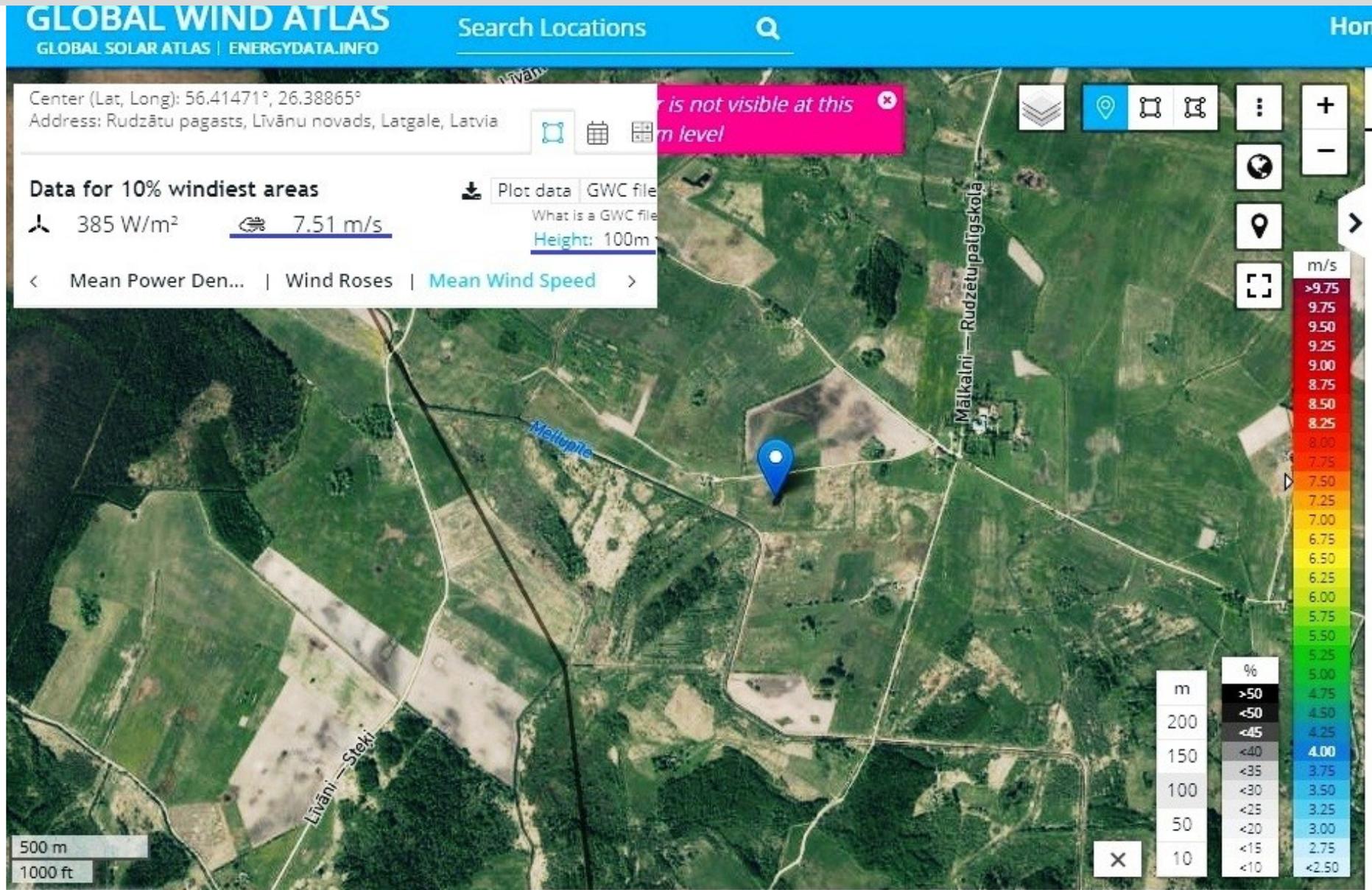
**Plot of land 82.9 ha – 14 WTG of 4,5 MW each. 66 MW total.**



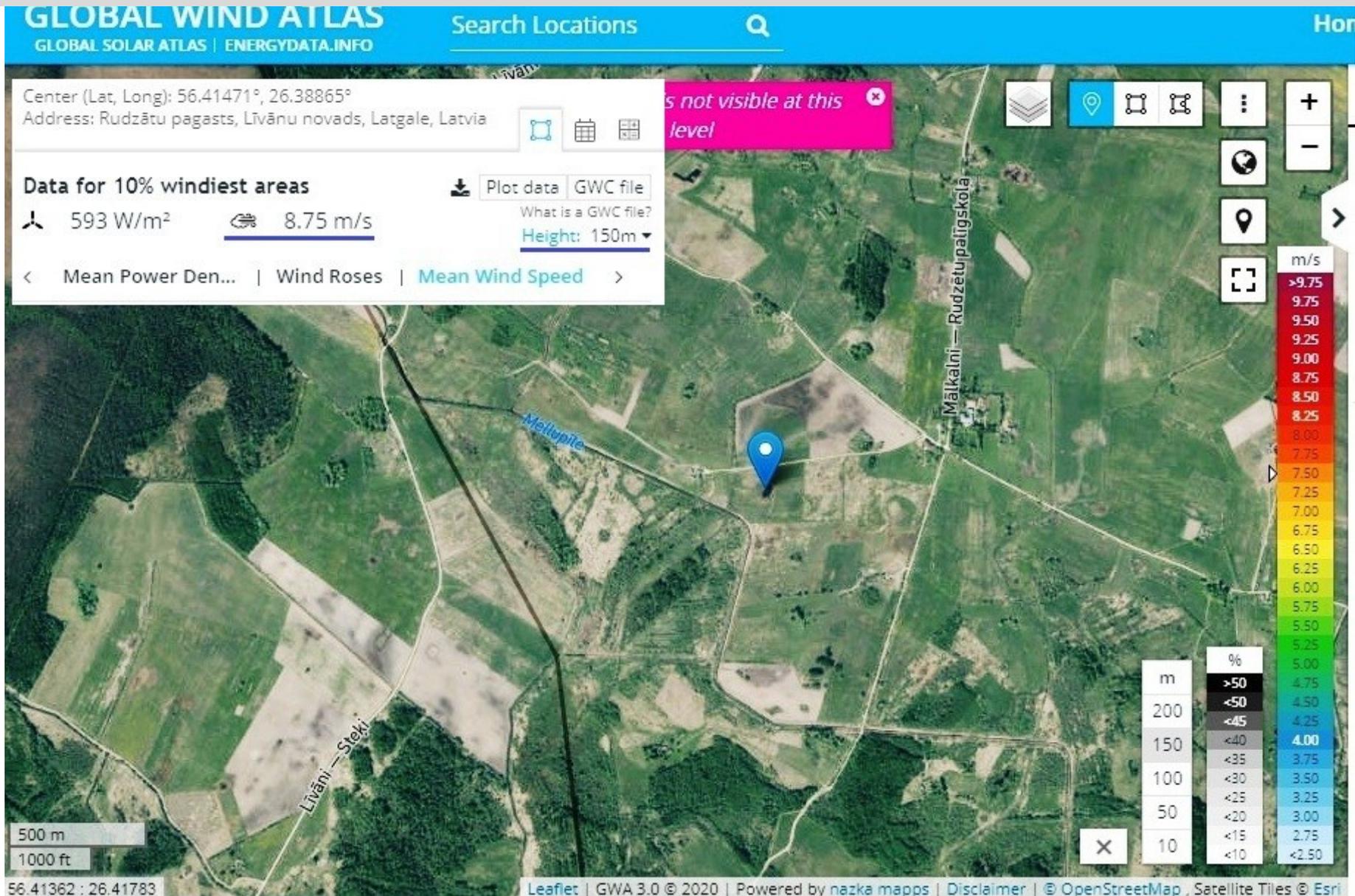
## Plot of land 82.9 ha view



# Wind speed at the site - 100 m HH.



# Wind speed at the site - 150 m HH.



# High voltage lines, substations and 66 MW wind station.

From 12 km to 30 km. to the connection points

