

# 9m 2018 Results

December 2018



# Calendar of main events (01 – 09/2018)



### Energy yield & performance

- +22,6% energy yield
- 26,9% capacity factor
- 98,7% weighted average availability

### New capacity

- 45,9 MW wind farms (17,1 MW Kalogerovouni , 9,9 MW Pefkias, 18,9 MW Gropes) in commercial operation
- 6,4 MW wind farm (Tetrapolis Extension) TOCs<sup>(1)</sup> expected by end-2018

### Projects under construction

- 90 MW (Kassidiaris I & II)
  - WTG<sup>(2)</sup> transportation from manufacturing facilities to site, ongoing
  - BoP<sup>(3)</sup> construction works, ongoing
- 76,8 MW (Askio East & Askio West)
  - WTG<sup>(2)</sup> supply agreements, in place
  - BoP<sup>(3)</sup> construction works, ongoing
- 28,8 MW (Eptadendros)
  - WTG<sup>(2)</sup> supply agreements, in place
  - BoP<sup>(3)</sup> construction works, ongoing

### Project financing

- Approval of c. € 80,9 m loan for restructuring older, project finance loans (10 operating plants)
- Approval of c. € 73,7 m loans to finance new wind farm capacity

<sup>(1)</sup> Take Over Certificates

<sup>(2)</sup> Wind Turbine Generator

# **Financial highlights**



Revenues

Increased by 21,4%

• Reached € 42,7 m vs € 35,2 ml in 9m 2017, reaping the rewards of both, a windy period with capacity factor rise by roughly +11% (from 24,3% to 26,9%) and +19% rise in operating capacity (from 243,2 MW to 289,1 MW).

### EBITDA

Increased by 30,7%

- Increased to € 33 m vs € 25,3 m due to increased energy yield & revenues.
- EBITDA margin rose to 77,3% vs. 71,8%.

### EBT

Increased by 42,4%

• Increased to € 14,5 m vs € 10,2 m in 9m 2017, reflecting improvement in all P&L figures.

## EAT after minorities Increased by 52,8%

• Increased to € 10,4m vs € 6,8 m in 9m 2017.

### Net debt

Increased by 8,1%

• € 186,4 m vs € 172,3 m as of 31.12.2017 due to ongoing heavy investment program in new wind farm capacity.

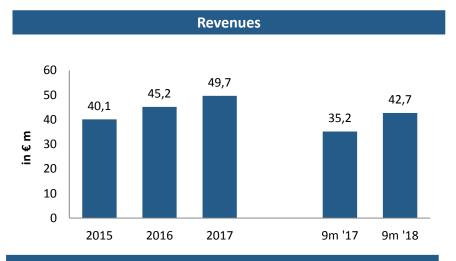
### Receivables

Off-taker accelerates payments

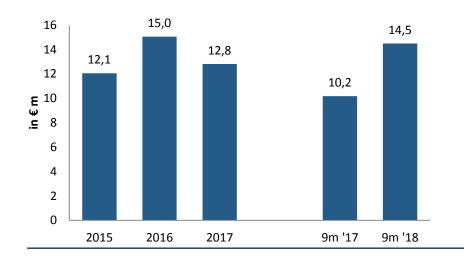
- Receivables stood constant at roughly € 20 m, but with accelerated Off-taker payments (delays dropped from 5 to 4 months total) and increased operating capacity (243,2 MW to 289,1 MW).
- Positive outlook retained following RES Account restructuring according to law 4414/2016.

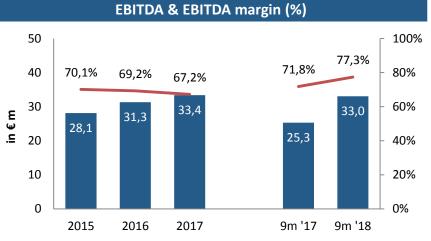
## **Evolution of key P&L figures (IFRS in € m)**



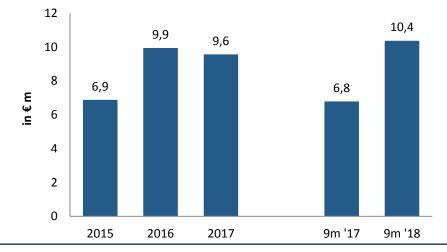


### Profit before Tax





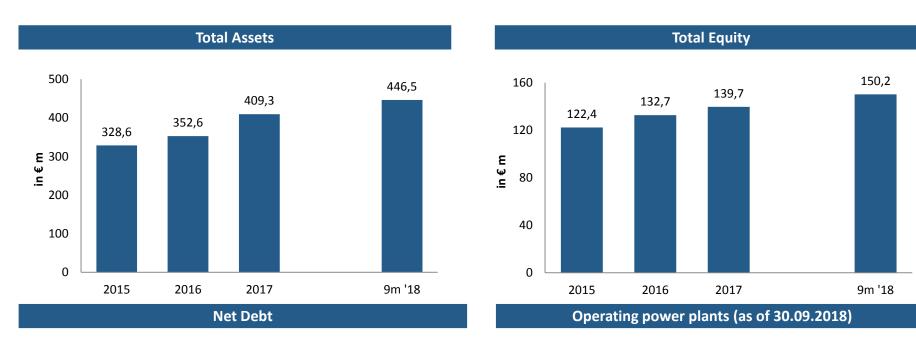
Net Income after Minorities

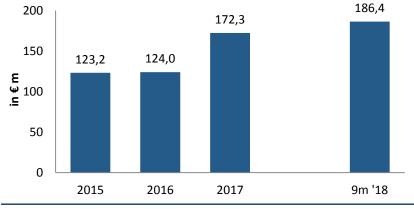


9m 2018 Results

## **Evolution of key Balance Sheet figures (IFRS in € m)**







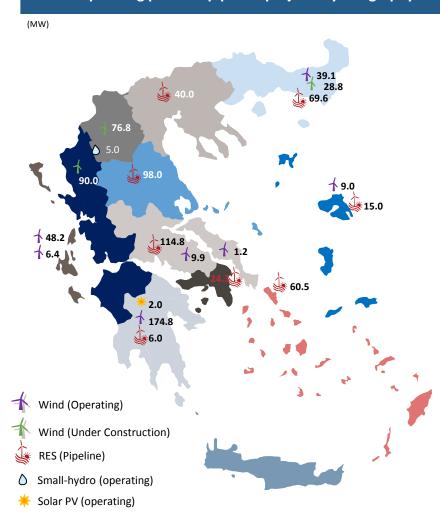
*	Wind farms (18):	282,15 MW
$\bigcirc$	Small hydro (1):	4,95 MW
*	PV (1):	2,00 MWp
	TOTAL (20):	289,10 MW

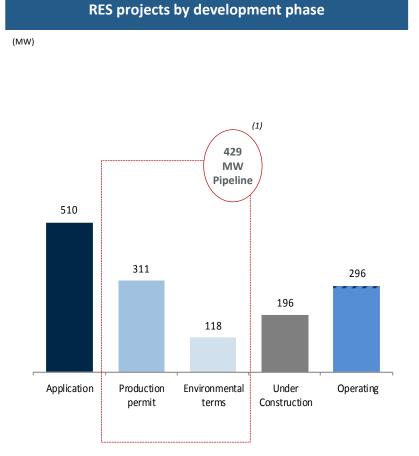
9m 2018 Results

# **RES Asset Portfolio (11/2018)**



**RES operating plants & pipeline projects by Geography** 





<sup>(1)</sup> The 429 MW pipeline includes 21 MW of non-wind projects.

6,4 MW Tetrapolis Extension W/F (commissioning, TOCs expected by end-2018).

#### Source: EL.TECH. ANEMOS Management

## **Strategy Going Forward – Maintain Growth Profile**



Market Segment	<ul> <li>Base is and will continue to be Greece         <ul> <li>gross energy consumption anticipated to rise from 20% target in 2020 to 30% by 2030<sup>(1)</sup></li> <li>€ 8,5 billion investments in renewables for electricity generation<sup>(1)</sup></li> </ul> </li> <li>Focus on WIND</li> <li>Track &amp; adapt to market developments (incl. storage technologies &amp; offshore wind, expected to gradually become feasible &amp; competitive)</li> </ul>
Business Model	<ul> <li>Evaluating investment opportunities (significant consolidation expected during the 2020's)</li> <li>Continue to develop pipeline with high quality sites (capacity factors in line with historic values)</li> <li>Development in-house, outsourcing of O&amp;M directly to the wind turbine manufacturers and close in-house supervision</li> <li>Leverage on scalable operational model</li> </ul>
Funding	<ul> <li>Capitalise on available funding sources</li> <li>Maintain strong banking relationships</li> <li>Seek to improve existing debt terms and conditions</li> </ul>

<sup>(1)</sup> Hellenic Ministry of Environment & Energy, Draft "National Energy Planning", Nov. 2018 (in public consultation).

## 2018 – 2020 investment program (202 MW)

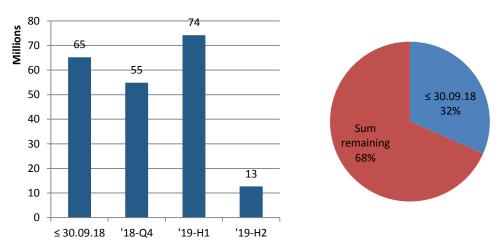


PROJECTS' IDs (11/2018)									
	Site	MW	GWh/yr <sup>(1)</sup>	Wind	Turbine Generator	€/MWh		Status	
Tetrapolis Ext.	Kefalonia	6,4	16	Enercon	E-48/0,8 MW	FiP	98	Commissioning	
Kassidiaris I	Ioannina	50,4	114	Vestas	V 136/3,6 MW	FiP	98	Under construction	
Kassidiaris II	Ioannina	39,6	77	Vestas	V 136/3,6 MW	FiP	98	Under construction	
Askio East	Kozani	36,6	75	Vestas	V 136/4,2 & 3,6 MW	FiP	98	Under construction	
Askio West	Kozani	40,2	98	Vestas	V 136/4,2 & 3,6 MW	FiP	98	Under construction	
Eptadendros	Thrace	28,8	65	Vestas	V117/3,6 MW	FiP	70	Under construction	
SUM		202,0	445						

### TIME SCHEDULE





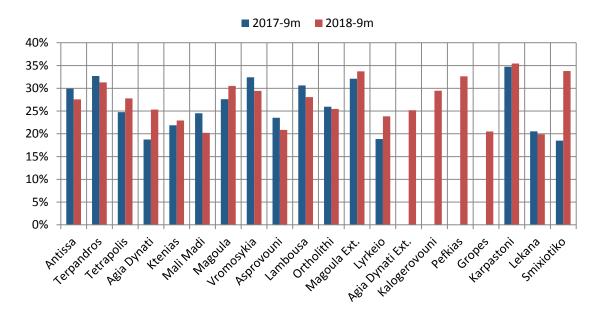


<sup>(1)</sup> Long term average generation based on certified wind measurements

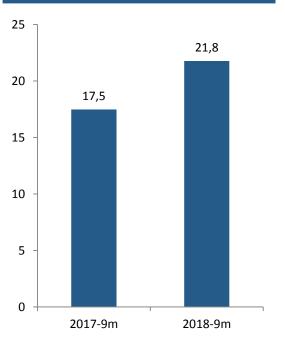
## Performance



### Capacity factors by project 9m 2018 vs. 9m 2017



### Net Income after minorities (€/MWh)



### Wind, hydro, solar

	9m 2017	9m 2018
Capacity factor (%)	24,3%	26,9%
Net Income a.m. (€/MWh)	6,8	10,4
Installed capacity (MW)	243,2	289,1

### Wind only

	9m 2017	9m 2018
Capacity factor (%)	24,4%	26,8%
Installed capacity (MW)	236,3	282,2

# **Group Asset Performance Details (11/2018)**



Power plant	Site	Company / SPV	Stake	Installed Capacity	Licensed Capacity	License	Energy	y yield(G		Tariffs (€/MWh)	Mean annual availability	Long Term Yield
				(MW)	(MW)	Date	2015	2016	2017		<b>2015-17</b> <sup>(2)</sup>	(GWh/yr)
Antissa	Lesvos	EL.TECH.ANEMOS S.A.	100%	4,20	4,20	Oct-03	10,99	11,65	11,12	93,00	98,72%	12,10
Terpandros	Lesvos	EL.TECH.ANEMOS S.A.	100%	4,80	4,80	Oct-03	13,88	14,02	13,78	93,00	97,73%	14,94
Tetrapolis	Kefalonia	EL.TECH.ANEMOS S.A.	100%	13,60	13,60	Jan-06	30,32	33,55	32,49	84,00	97,85%	34,40
Agia Dynati	Kefalonia	EL.TECH.ANEMOS S.A.	100%	32,20	27,20 5,00	Apr-09 Feb-18	58,77 	64,82 	55,52 4,74 <sup>(1)</sup>	,	98,55%	58,10 10,68
Ktenias	Argolida	EL.TECH.ANEMOS S.A.	100%	23,00	20,00	Aug-10	44,51	44,59	44,75	86,00	98,94%	44,30
Lekana (PV)	Argolida	EL.TECH.ANEMOS S.A.	100%	2,00	2,19	Jul-10	3,19	3,33	3,37	325,00	100,00%	3,26
Magoula	Evros	EL.TECH.ANEMOS S.A.	100%	23,00	23,00	Aug-11	59,61	60,20	57,24	86,00	98,48%	57,09
Mali Madi	Lakonia	EL.TECH.ANEMOS S.A.	100%	7,65	7,65	Aug-11	16,81	16,02	16,60	86,00	98,31%	16,24
Vromosykia	Troizinia	EL.TECH.ANEMOS S.A.	100%	11,05	11,05	Dec-12	34,32	30,48	31,13	89,97	99,27%	31,92
Asprovouni	Troizinia	EL.TECH.ANEMOS S.A.	100%	20,70	20,00	Nov-12	44,77	45,06	42,84	107,00	98,20%	44,91
Lambousa	Troizinia	EL.TECH.ANEMOS S.A.	100%	16,10	16,10	Sep-13	47,92	42,84	43,43	89,97	98,99%	43,84
Ortholithi	Troizinia	EL.TECH.ANEMOS S.A.	100%	20,70	20,00	Jul-15	26,51 <sup>(1)</sup>	48,01	47,49	105,00	99,12%	45,51
Magoula Ext.	Evros	EL.TECH.ANEMOS S.A.	100%	16,10	16,10	Sep-15	16,41 <sup>(1)</sup>	46,47	46,17	82,00	98,82%	39,72
Lyrkio	Arcadia	EL.TECH.ANEMOS S.A.	100%	39,60	39,00	Jul-17		2,4 <sup>(1)</sup>	71,74	82,00	98,64%	84,84
Agia Dynati Ext.	Kefalonia	EL.TECH.ANEMOS S.A.	100%	2,35	2,30	Feb-18			2,23 <sup>(1)</sup>	98,00	98,17%	5,02
Kalogerovouni	Lakonia	ALPHA AIOLIKI MOLAON S.A.	100%	17,10	17,10	May-18			5,33 <sup>(1)</sup>	82,00	n/a	44,98
Gropes	Lakonia	AIOLIKI MOLAON LAKONIAS S.A.	100%	18,90	18,90	Aug-18				105,00	n/a	43,99
Tetrapolis Ext.	Kefalonia	EL.TECH. ANEMOS S.A.	100%	6,40	6,40	comm. <sup>(3)</sup>				98,00	n/a	16,00
Pefkias	Viotia	THIVAIKOS ANEMOS S.A.	100%	9,90	9,90	Jun-18				98,00	n/a	28,43
Karpastoni	Evia	AIOLIKI KARPASTONIOU S.A.	51%	1,20	1,20	Aug-02	4,19	2,78	3,68	87,00	94,25%	3,69
Smixiotiko (Hydro	o)Grevena	SHPP SMIXIOTIKO S.A.	51%	4,95	4,95	Mar-13	12,45	12,11	9,17	89,97	99,56%	12,00
TOTAL				295,50	290,64		381,72	475,93	542,83			695,96

# **Consolidated P&L**

(6 the warde)	30/9/2018	30/9/2017	% change
(€ thousands)	IFRS	IFRS	21.40/
Revenue	42.737	35.217	21,4%
Cost of goods sold	(21.001)	(17.359)	
Gross Margin	21.736	17.859	
EBITDA	33.044	25.292	30,7%
% Margin	77,3%	71,8%	
Administrative expenses	(1.674)	(1.499)	
Other operating income/(expenses)	2.911	561	
EBIT	22.973	16.921	35,8%
% Margin	53,8%	48,0%	
Financial income/(expenses)	(8.491)	(6.749)	
Profit before Tax	14.482	10.173	42,4%
% Margin	33,9%	28,9%	
Income tax	(3.870)	(3.244)	
Net Income	10.612	6.929	53,2%
% Margin	24,8%	19,7%	
Parent company equity holders	10.366	6.786	52,8%
Minorities	246	144	



- Revenues rose by 21,4% reaping the rewards of a windy period & increased capacity.
- **EBITDA** rose by 30,7% as a result of enhanced revenues.
- **Profit before tax** increased by 42,4%.
- Net Income after minorities grew by 52,8%, rising from € 6,8 ml € to 10,4 ml €.

# **Consolidated Balance Sheet**

	30/9/2018	31/12/2017	% change
(€ thousands)	IFRS	IFRS	
Fixed assets	364.551	343.124	6,2%
Intangible assets	23.522	14.437	62,9%
Other non-current assets	3.142	2.062	52,4%
Non-current assets	391.216	359.623	8,8%
Cash & cash equivalents	3.614	2.033	77,8%
Restricted cash	18.070	13.469	34,2%
Available-for-sale financial assets	-	1.543	-100,0%
Trade & other receivables	33.567	32.674	2,7%
Current assets	55.252	49.719	11,1%
TOTAL ASSETS	446.468	409.342	9,1%
Total shareholders' equity	150.221	139.687	7,5%
Non-current bank liabilities	179.528	169.100	6,2%
Grants	53.786	50.366	6,8%
Other non-current liabilities	23.642	16.090	46,9%
Non-current liabilities	256.957	235.555	9,1%
Current bank liabilities	28.510	20.261	40,7%
Payables and other current liabilities	10.780	13.840	-22,1%
Current liabilities	39.290	34.101	15,2%
TOTAL LIABILITIES & SHAREHOLDERS' EQUITY	446.468	409.342	9,1%



- Non-current assets increased by 8,8% reflecting increased investments in new capacity (fixed assets) and acquisitions (intangible assets).
- Current assets rose by 11,1% primarily due to increased cash.
- Total liabilities & shareholders' equity increased by 9,1%, reflecting enhanced profits & increased bank liabilities to finance the 202 MW ongoing heavy investment program.

# **Consolidated Cash Flows**

	30/9/2018	30/9/2017	% change
(€ thousands)	IFRS	IFRS	
Cash Flow from Operations			
Profit Before Tax	14.482	10.173	42%
Adjustments for:			
Depreciation	10.071	8.371	
Provisions	75	68	
Profit / Loss from investments	(55)	952	
Interest Expenses	8.512	7.049	21%
Changes in Working Capital:			
Decrease / (Increase) of receivables	3.535	8.742	
(Decrease) / Increase of payables (non-debt)	(5.197)	(2.728)	
Less:			
Interest Paid	(7.862)	(4.377)	80%
Taxes Paid	(48)	(37)	
Total Cash Flow from Operations (a)	23.514	28.212	-17%
Cash Flow from Investments			
(Acquisition) / Disposal of subsidiaries	(3.789)	1.711	
(Acquisition) / Disposal of Tangible and intangible fixed assets	(32.938)	(65.781)	-50%
Interest income received	70	97	
(Acquisition) / Disposal of Available-for-sale financial assets	1.541	1.903	
Total Cash Flow from Investments (b)	(35.116)	(62.070)	-43%
Cash Flow from Financing			
New Loan drawdown	24.785	92.027	
Loan Repayment	(6.704)	(46.610)	
Finance Lease payments	(226)	(327)	
Dividend paid	(60)	(42)	
Dividend Tax paid	(11)	(7)	
Restricted Cash	(4.601)	(9.005)	
Total Cash Flow from Financing (c)	13.183	36.036	-63%
Net Increase / (decrease) in cash and cash equivalents (a)+(b)+(c)	1.581	2.177	
Starting Cash Balance	2.033	3.981	-49%
Period End Cash Balance	3.615	6.159	-41%



- Operating cash flows dropped by -17% reflecting a significant decrease in payables and increased interest paid to finance new capacity.
- Total cash outflows from investment activities reached € 35 ml reflecting ongoing investments.
- Cash flow from Financing reached €13 ml mainly effected by loan drawdowns to finance new capacity.

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